

Chaves OpenPGP

Revisão: 52271

2018-09-17 00:27:44 por ebrandi.

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Estas chaves OpenPGP podem ser usadas para verificar uma assinatura ou enviar um email criptografado para officers ou desenvolvedores do FreeBSD.org . Todas as chaves podem ser baixadas em <https://www.FreeBSD.org/doc/pgpkeyring.txt>.

1. Officers

1.1. Equipe de Oficiais de Segurança <security-officer@FreeBSD.org>

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pub  rsa4096/D39792F49EA7E5C2 2017-08-16 [SC] [expires: 2023-01-02]
     Key fingerprint = FC0E 878A E5AF E788 028D 6355 D397 92F4 9EA7 E5C2
uid  FreeBSD Security Officer <security-officer@FreeBSD.org>
sub  rsa4096/6DD0A349F26ADEFD 2017-08-16 [E] [expires: 2023-01-02]
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1.2. Secretário da equipe de Segurança <secteam-secretary@FreeBSD.org >

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pub 4096R/3CB2EAFCC3D6C666 2013-09-24 [expires: 2018-01-01]
Key fingerprint = FA97 AA04 4DF9 0969 D5EF 4ADA 3CB2 EAFc C3D6 C666
uid FreeBSD Security Team Secretary <secteam-secretary@FreeBSD.o
org>
sub 4096R/509B26612335EB65 2013-09-24 [expires: 2018-01-01]
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1.3. Secretário do Core Team <core-secretary@FreeBSD.org >

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pub   rsa2048/0CB403E4E95B96EC 2018-06-30 [SC] [expires: 2020-06-29]
      Key fingerprint = 9F02 836F 50D3 AD5A B75A C588 0CB4 03E4 E95B 96EC
uid           FreeBSD Core Team Secretary <core-secretary@frebsd.org>
sub   rsa2048/133C3338A5B95A60 2018-06-30 [E] [expires: 2020-06-29]
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1.4. Secretário da equipe de gerenciamento do Ports <portmgr-secretary@FreeBSD.org >

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      Key fingerprint = FB37 45C8 6F15 E8ED AC81 32FC D829 4EC3 BBC4 D7D5
uid   FreeBSD Ports Management Team Secretary <portmgr-
secretary@FreeBSD.org>
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sub rsa2048/5CC117965F65CFE7 2012-07-24 [E]

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1.5. <doceng-secretary@FreeBSD.org >

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      Key fingerprint = F24D 7B32 B864 625E 5541 A0E4 E1C0 3580 AEB4 5E58  
uid      FreeBSD Doceng Team Secretary <doceng-secretary@freebsd.org>  
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sub  rsa2048/9EA8D713509472FC 2019-10-31 [E] [expires: 2022-10-30]
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2. Membros do Core Team

2.1. Allan Jude <allanjude@FreeBSD.org >

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      Key fingerprint = 93A4 DA40 92D4 AEF7 63AC 1928 1995 353E 1298 0B7E  
uid      Allan Jude <allanjude@freebsd.org>  
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sub  rsa4096/1DD7B1598B7D37A3 2015-06-04 [expires: 2025-06-01]
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2.2. Benedict Reuschling <bcr@FreeBSD.org >

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2.3. Brooks Davis <brooks@FreeBSD.org>

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uid          Brooks Davis <brooks@FreeBSD.org>
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2.4. Hiroki Sato <hrs@FreeBSD.org >

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2.5. Warner Losh <imp@FreeBSD.org >

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2.6. John Baldwin <jhb@FreeBSD.org >

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pub dsa1024/72DE520677E37F04 2006-08-02
Key fingerprint = 9E54 9A1D DA2E 0F0B F3FA 713D 72DE 5206 77E3 7F04
uid John Baldwin <john@baldwin.cx>
uid John Baldwin <jhb@FreeBSD.org>
sub elg2048/07EEC9ABEB4C6ADF 2006-08-02

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2.7. Kris Moore <kmoore@FreeBSD.org >

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pub 1024D/6294612C 2009-05-26
    Key fingerprint = 8B70 9876 346F 1F97 5687 6950 4C92 D789 6294 612C
uid                               Kris Moore <kmoore@freebsd.org>
sub 2048g/A7FFE8FB 2009-05-26
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2.8. Sean Chittenden <seanc@FreeBSD.org >

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pub rsa2048/D75366AADC79472D 2018-04-22 [SC] [expires: 2021-04-21]
    Key fingerprint = EF8C B8E1 2506 6786 0D47 4FF1 D753 66AA DC79 472D
uid                               Sean Chittenden <sean@chittenden.org>
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sub rsa2048/1F3FC65702B2794E 2018-04-22 [E] [expires: 2021-04-21]
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3. Desenvolvedores

3.1. Ariff Abdullah <ariff@FreeBSD.org >

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pub 1024D/C5304CDA 2005-10-01
     Key fingerprint = 5C7C 6BF4 8293 DE76 27D9  FD57 96BF 9D78 C530 4CDA
uid  Ariff Abdullah <skywizard@MyBSD.org.my>
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3.2. Thomas Abthorpe <tabthorpe@FreeBSD.org >

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uid Thomas Abthorpe (FreeBSD Committer) <tabthorpe@FreeBSD.org>
uid Thomas Abthorpe <tabthorpe@abthorpe.org>
uid Thomas Abthorpe <tabthorpe@goodking.ca>
uid Thomas Abthorpe <tabthorpe@goodking.org>
uid Thomas Abthorpe <thomas@goodking.ca>
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3.3. Eitan Adler <eadler@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.4. Matthew Ahrens <mahrens@FreeBSD.org >

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pub 2048R/9A9ECAFE896EC4F 2014-04-08 [expires: 2017-04-07]
Key fingerprint = 998A 25DF CA35 CC0B 1C14 39F4 9A9E CAFE E896 EC4F
uid Matthew Ahrens <matt@mahrens.org>
uid Matthew Ahrens <matthew.ahrens@delphix.com>
uid Matthew Ahrens <mahrens@alumni.brown.edu>
uid Matthew Ahrens <mahrens@freebsd.org>
uid Matthew Ahrens <mahrens@delphix.com>
sub 2048R/1137F565976A0587 2014-04-08 [expires: 2017-04-07]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Comment: GPGTools - https://gpgtools.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.5. Shaun Amott <shaun@FreeBSD.org >

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pub 1024D/6B387A9A 2001-03-19
Key fingerprint = B506 E6C7 74A1 CC11 9A23 5C13 9268 5D08 6B38 7A9A
uid Shaun Amott <shaun@inerd.com>
uid Shaun Amott <shaun@FreeBSD.org>
sub 2048g/26FA8703 2001-03-19
sub 2048R/7FFF5151 2005-11-06
sub 2048R/27C54137 2005-11-06
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3.6. Henrik Brix Andersen <brix@FreeBSD.org >

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pub 1024D/54E278F8 2003-04-09
    Key fingerprint = 7B63 EF32 7831 A704 220D 7E61 BFE4 387E 54E2 78F8
uid Henrik Brix Andersen <henrik@brixandersen.dk>
uid Henrik Brix Andersen <brix@FreeBSD.org>
uid Henrik Brix Andersen <hbn@terma.com>
uid Henrik Brix Andersen <brix@osaa.dk>
sub 1024g/3B13C209 2003-04-09
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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3.7. Matthias Andree <mandree@FreeBSD.org >

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      Key fingerprint = DC4A 655B D993 CD48 71FA 8210 E412 B156 EFF3 855A
uid   Matthias Andree <mandree@FreeBSD.org>
uid   Matthias Andree <matthias.andree@gmx.de>
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3.8. Will Andrews <will@FreeBSD.org >

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pub 1024D/F81672C5 2000-05-22 Will Andrews (Key for official matters) <will@FreeBSD.org>
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3.9. Dimitry Andric <dim@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----

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3.10. Eric Anholt <anholt@FreeBSD.org >

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pub 1024D/6CF0EAF7 2003-09-08
    Key fingerprint = 76FE 2475 820B B75F DCA4 0F3E 1D47 6F60 6CF0 EAF7
uid                               Eric Anholt <eta@lclark.edu>
uid                               Eric Anholt <anholt@FreeBSD.org>
sub 1024g/80B404C1 2003-09-08

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.11. Fernando Apestegua <fernape@FreeBSD.org >

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pub  rsa2048/A86C56C1E0B91836 2018-03-09 [SC] [caduca: 2021-03-08]
      Huella de clave = E9B3 DA45 2DF9 EE65 35CD E383 A86C 56C1 E0B9 1836
uid  Fernando Apestegua <fernando.apestegua@gmail.com>
uid  Fernando Apestegua <fernape@FreeBSD.org>
sub  rsa2048/D6A9B96A0E696E0E 2018-03-09 [E] [caduca: 2021-03-08]
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-----END PGP PUBLIC KEY BLOCK-----
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3.12. Marcus von Appen <mva@FreeBSD.org >

```
pub 1024D/B267A647 2009-02-14
    Key fingerprint = C7CC 1853 D8C5 E580 7795 B654 8BAF 3F12 B267 A647
uid          Marcus von Appen <freebsd@sysfault.org>
uid          Marcus von Appen <mva@freebsd.org>
sub 2048g/D34A3BAF 2009-02-14
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-----END PGP PUBLIC KEY BLOCK-----
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3.13. Marcelo Araujo <araujo@FreeBSD.org >

```
pub 1024D/53E4CFA8 2007-04-27
    Key fingerprint = 9D6A 2339 925C 4F61 ED88 ED8B A2FC 4977 53E4 CFA8
uid          Marcelo Araujo (Ports Committer) <araujo@FreeBSD.org>
sub 2048g/63CC012D 2007-04-27
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3.14. Mathieu Arnold <mat@FreeBSD.org >

```
pub   rsa4096/3A4516F35183CE48 2013-09-23 [SC] [expires: 2020-09-19]
      Key fingerprint = 3AB6 9789 D2ED 1210 6440 BA5B 3A45 16F3 5183 CE48
uid   Mathieu Arnold <mat@FreeBSD.org>
uid   Mathieu Arnold <mat@mat.cc>
uid   Mathieu Arnold <m@absolight.fr>
uid   Mathieu Arnold <m@w2my.net>
uid   Mathieu Arnold <mat@coopacom.fr>
sub   rsa4096/A99F9AA711E3DFC9 2013-09-23 [E] [expires: 2020-09-19]
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-----END PGP PUBLIC KEY BLOCK-----
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3.15. Takuya ASADA <syuu@FreeBSD.org >

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pub 2048R/43788F78 2012-11-21
Key fingerprint = 31CE 242E 6F4F F24F EEF4 D9BB 0890 2C5F 4378 8F78
uid Takuya ASADA <syuu@freebsd.org>
sub 2048R/A87B0906 2012-11-21
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3.16. Satoshi Asami <asami@FreeBSD.org >

```
pub 1024R/1E08D889 1997-07-23 Satoshi Asami <asami@cs.berkeley.edu>
Key fingerprint = EB 3C 68 9E FB 6C EB 3F DB 2E 0F 10 8F CE 79 CA
uid Satoshi Asami <asami@FreeBSD.ORG>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.17. Gavin Atkinson <gavin@FreeBSD.org >

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pub  rsa4096/4DA114E5C4A2E57F 2013-09-25 [SC] [expires: 2019-06-24]
     Key fingerprint = A12B D878 2A5E A90F D37C 43BC 4DA1 14E5 C4A2 E57F
uid  Gavin Atkinson (Work email) <gavin.atkinson@york.ac.uk>
uid  Gavin Atkinson (Work email - deprecated) <ga9@york.ac.uk>
uid  Gavin Atkinson (URY email) <gavin.atkinson@ury.york.ac.uk>
uid  Gavin Atkinson (FreeBSD key) <gavin@FreeBSD.org>
sub  rsa4096/443BBD9486DFCC25 2013-09-25 [E] [expires: 2019-06-24]
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3.18. Joseph S. Atkinson <jsa@FreeBSD.org>

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pub 2048R/21AA7B06 2010-07-14
Key fingerprint = 5B38 63B0 9CCA 12BE 3919 9412 CC9D FC84 21AA 7B06
uid Joseph S. Atkinson <jsa@FreeBSD.org>
uid Joseph S. Atkinson <jsa.bsd@gmail.com>
uid Joseph S. Atkinson <jsa@wickedmachine.net>
sub 2048R/5601C3E3 2010-07-14
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3.19. Philippe Audeoud <jadawin@FreeBSD.org >

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Key fingerprint = C1CA C5C4 F29A 40BF 507A D85B 3D5D D05D E3ED C705
uid Philippe Audeoud <jadawin@tuxaco.net>
uid Philippe Audeoud (Main ID) <philippe@tuxaco.net>
uid Philippe Audeoud (FreeBSD) <jadawin@FreeBSD.org>
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3.20. Jason W. Bacon <jwb@FreeBSD.org >

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      Key fingerprint = 23BB 95C5 33EA 3D5E 995A 67B7 7F9C E8B2 CC36 57CA
uid  Jason Bacon <bacon4000@gmail.com>
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3.21. Eric Badger <badger@FreeBSD.org >

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pub  rsa2048/62E500965A3F24AC 2016-07-01 [SC] [expires: 2019-07-01]
      Key fingerprint = 3A9E 8013 BCA7 C945 8253 7759 62E5 0096 5A3F 24AC
uid   Eric Badger <badger@FreeBSD.org>
uid   Eric Badger <eric@badgerio.us>
sub   rsa2048/CD9CE570245C6BAA 2016-07-01 [E] [expires: 2019-07-01]

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3.22. Danilo G. Baio <dbaio@FreeBSD.org>

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pub 4096R/9A937B2DF32E88D7 2017-02-02 [expires: 2020-02-03]
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uid Danilo G. Baio (dbaio) <dbaio@bsd.com.br>
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3.23. Timur I. Bakeyev <timur@FreeBSD.org >

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pub 1024D/60BA1F47 2002-04-27
Key fingerprint = 84BF EAD1 607D 362F 210E 69B3 0BF0 6412 60BA 1F47
uid Timur I. Bakeyev (BaT) <timur@bat.ru>
uid Timur I. Bakeyev <timur@gnu.org>
uid Timur I. Bakeyev (BaT) <bat@cpan.org>
uid Timur I. Bakeyev (BaT) <timur@FreeBSD.org>
uid Timur I. Bakeyev (BaT) <timur@gnome.org>
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3.24. John Baldwin <jhb@FreeBSD.org >

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3.25. Glen Barber <gjb@FreeBSD.org >

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3.26. Nick Barkas <snb@FreeBSD.org >

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pub  2048R/DDADB9DC 2010-07-27
      Key fingerprint = B678 6ECB 303D F580 A050 098F BDFE 4F3D DDAD B9DC
uid  S. Nicholas Barkas <snb@freebsd.org>
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sub  2048R/BDA4BED3 2010-07-29
sub  2048R/782A8737 2010-07-29

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3.27. Simon Barner <barner@FreeBSD.org >

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pub 1024D/EBADA82A 2000-11-10
Key fingerprint = 67D1 3562 9A2F 3177 E46A 35ED 0A49 FEFD EBAD A82A
uid Simon Barner <barner@FreeBSD.org>
uid Simon Barner <barner@in.tum.de>
uid Simon Barner <barner@informatik.tu-muenchen.de>
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sub 2048g/F63052DE 2000-11-10

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3.28. Jan Beich <jbeich@FreeBSD.org >

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pub 2048R/E4C77883479DBDDB 2015-01-05 [expires: 2018-01-04]
    Key fingerprint = DB44 3674 C7D2 3578 6E14 92CE E4C7 7883 479D BDDB
uid                               Jan Beich <jbeich@FreeBSD.org>
uid                               Jan Beich <jbeich@vemail.net>
sub 2048R/4E6607EF660A8DEC 2015-01-05 [expires: 2018-01-04]

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3.29. Artem Belevich <art@FreeBSD.org >

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pub 2048R/9ED4C836 2011-03-28
Key fingerprint = 7400 D541 07ED 3DF3 3E97 F2D5 8BDF 101C 9ED4 C836
uid Artem Belevich <artemb@gmail.com>
uid Artem Belevich <art@freebsd.org>
sub 2048R/55B0E4EB 2011-03-28
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-----END PGP PUBLIC KEY BLOCK-----
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3.30. Anton Berezin <tobez@FreeBSD.org >

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pub 1024D/7A7BA3C0 2000-05-25 Anton Berezin <tobez@catpipe.net>
    Key fingerprint = CDD8 560C 174B D8E5 0323 83CE 22CA 584C 7A7B A3C0
uid Anton Berezin <tobez@tobez.org>
uid Anton Berezin <tobez@FreeBSD.org>
sub 1024g/ADC71E87 2000-05-25
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.31. Damien Bergamini <damien@FreeBSD.org >

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pub 2048R/D129F093 2005-03-02
    Key fingerprint = D3AB 28C3 1A4A E219 3145 54FE 220A 7486 D129 F093
uid Damien Bergamini <damien.bergamini@free.fr>
uid Damien Bergamini <damien@FreeBSD.org>
sub 2048R/9FBA73A4 2005-03-02
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3.32. Brandon Bergren <bdragon@FreeBSD.org>

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pub  rsa4096/11E60EE48F0EDA29 2019-06-01 [C] [expires: 2022-05-31]  
    Key fingerprint = 7470 A88B 991D 5FBC 30AC A85F 11E6 0EE4 8F0E DA29  
uid  Brandon Bergren <bdragon@FreeBSD.org>  
sub  rsa4096/55CDF81FA3E38DA4 2019-06-01 [E] [expires: 2021-05-31]  
sub  rsa4096/130DB795E837ED35 2019-06-01 [S] [expires: 2021-05-31]  
sub  rsa4096/94B2322FA5673A49 2019-06-01 [A] [expires: 2021-05-31]
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3.33. Tobias C. Berner <tcberner@FreeBSD.org >

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pub   rsa2048/021DB73A50293AD0 2017-09-08 [SC] [verfällt: 2019-09-08]
      Schl.-Fingerabdruck = BA58 38E2 61D1 A3C8 0960 C50B 021D B73A 5029 3AD0
uid   Tobias Christian Berner <tcberner@FreeBSD.org>
uid   Tobias Christian Berner <tcberner@gmail.com>
sub   rsa2048/F06E731A05C1E357 2017-09-08 [E] [verfällt: 2019-09-08]
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3.34. Tim Bishop <tdb@FreeBSD.org >

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pub  rsa4096/6C226B37FDF38D55 2013-08-07 [SC] [expires: 2021-08-22]
      Key fingerprint = 4BD9 5F90 8A50 40E8 D26C D681 6C22 6B37 FDF3 8D55
uid   Tim Bishop <tim@bishnet.net>
uid   Tim Bishop <T.D.Bishop@kent.ac.uk>
uid   Tim Bishop <tdb@FreeBSD.org>
uid   Tim Bishop <tdb@i-scream.org>
sub   rsa4096/4F748D5A25CEA948 2013-08-07 [E] [expires: 2021-08-22]

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3.35. Grzegorz Blach <gblach@FreeBSD.org>

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=zLXM
-----END PGP PUBLIC KEY BLOCK-----
```

3.36. Martin Blapp <mbr@FreeBSD.org >

```
pub 1024D/D300551E 2001-12-20 Martin Blapp <mb@imp.ch>
    Key fingerprint = B434 53FC C87C FE7B 0A18 B84C 8686 EF22 D300 551E
sub 1024g/998281C8 2001-12-20
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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25TD51pcom8Plwy1BkuBSw==
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-----END PGP PUBLIC KEY BLOCK-----
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3.37. Warren Block <wblock@FreeBSD.org >

```
pub rsa2048/BB37E0C846CB85CF 2014-03-13 [SC] [expires: 2018-03-04]
    Key fingerprint = EC53 662F FEFE D6F4 2DBA B483 BB37 E0C8 46CB 85CF
uid Warren Block <wblock@wonkity.com>
uid Warren Block <wblock@FreeBSD.org>
sub rsa2048/D79E292E145902B5 2014-03-13 [E] [expires: 2018-03-04]
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-----END PGP PUBLIC KEY BLOCK-----
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3.38. Vitaly Bogdanov <bvs@FreeBSD.org >

```
pub 1024D/B32017F7 2005-10-02 Vitaly Bogdanov <gad@gad.glazov.net>
Key fingerprint = 402E B8E4 53CB 22FF BE62 AE35 A0BF B077 B320 17F7
uid Vitaly Bogdanov <bvs@freebsd.org>
sub 1024g/0E88C62E 2005-10-02
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-----END PGP PUBLIC KEY BLOCK-----

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3.39. Zbigniew Bodek <zbb@FreeBSD.org>

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pub 2048R/C32C9921 2013-09-04 [expires: 2018-09-03]
    Key fingerprint = B3EF DAFc C938 03EE 7B1B 5748 0EBE 8E50 C32C 9921
uid                               Zbigniew Bodek <zbb@FreeBSD.org>
sub 2048R/62B40108 2013-09-04 [expires: 2018-09-03]

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-----END PGP PUBLIC KEY BLOCK-----

```

3.40. Roman Bogorodskiy <novel@FreeBSD.org>

```

pub 2048R/08C2226A 2010-12-03
    Key fingerprint = 8BA4 DF2A D14F 99B6 37E0 0070 C96D 5FFE 08C2 226A
uid                               Roman Bogorodskiy <bogorodskiy@gmail.com>
uid                               Roman Bogorodskiy <novel@FreeBSD.org>
uid                               Roman Bogorodskiy <rbogorodskiy@apache.org>
uid                               Roman Bogorodskiy <rbogorodskiy@gridynamics.com>
sub 2048R/EC4ED237 2010-12-03

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at3c73i8nATVo8CdE9D1rxmG3A==
=Iduw
-----END PGP PUBLIC KEY BLOCK-----
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3.41. Renato Botelho <garga@FreeBSD.org>

```
pub      rsa2048/5B9E04C3966B861A 2017-10-31 [SC] [expires: 2020-10-30]
          Key fingerprint = C718 8B34 CAAC 9FBC 9799 3CBB 5B9E 04C3 966B 861A
uid      Renato Botelho (FreeBSD) <garga@FreeBSD.org>
uid      Renato Botelho (pfSense) <garga@pfsense.org>
uid      Renato Botelho (Personal) <rbgarga@gmail.com>
uid      Renato Botelho (FreeBSD) <garga.bsd@gmail.com>
sub      rsa2048/C6536261FD462298 2017-10-31 [E] [expires: 2020-10-30]
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-----END PGP PUBLIC KEY BLOCK-----
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3.42. Kevin Bowling <kbowling@FreeBSD.org>

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pub  rsa2048/CC8E1451796210B8 2014-07-09 [SC] [expires: 2024-08-27]
      Key fingerprint = 12EC 6F2E D4BE 01F7 42CE 67E3 CC8E 1451 7962 10B8
uid   Kevin Bowling <kbowling@FreeBSD.org>
uid   Kevin Bowling <kevin.bowling@kev009.com>
sub  rsa2048/BADD4390F9BFD0EF 2014-07-09 [E] [expires: 2024-08-27]
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=5Vaj
-----END PGP PUBLIC KEY BLOCK-----
```

3.43. Alexander Botero-Lowry <aLexbl@FreeBSD.org >

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pub 1024D/12A95A7B 2006-09-13
Key fingerprint = D0C3 47F8 AE87 C829 0613 3586 24DF F52B 12A9 5A7B
uid Alexander Botero-Lowry <aLexbl@FreeBSD.org>
sub 2048g/CA287923 2006-09-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

```

3.44. Sofian Brabez <sbz@FreeBSD.org>

```

pub 1024D/2487E57E 2011-03-15 [expires: 2016-03-14]
    Key fingerprint = 05BA DC7E F628 DE3F B241 BFBB 7363 51F4 2487 E57E
uid Sofian Brabez <sbrabez@gmail.com>
uid Sofian Brabez <sbz@FreeBSD.org>
uid Sofian Brabez <sbz@6dev.net>

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

```

3.45. Edson Brandi <ebrandi@FreeBSD.org>

```

pub 3072R/FFD3035B 2012-11-26 [expires: 2017-11-25]
    Key fingerprint = 443B 5363 564F 06C3 EA54 9482 209E 9B54 FFD3 035B
uid Edson Brandi <ebrandi@FreeBSD.org>
uid Edson Brandi <ebrandi@fugspbr.org>
uid Edson Brandi <ebrandi@ebrandi.eti.br>
uid Edson Brandi <edson.brandi@gmail.com>
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sub 3072R/A34B8175 2012-11-26 [expires: 2013-11-26]

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-----END PGP PUBLIC KEY BLOCK-----
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3.46. David Bright <dab@FreeBSD.org >

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pub  rsa2048/3378CB31A103BE6A 2016-11-14 [SC] [expires: 2019-11-14]
      Key fingerprint = B1F2 B348 577C 057B 0317 600F 3378 CB31 A103 BE6A
uid      David Bright <dab@freebsd.org>
sub  rsa2048/2DCA963E5192E094 2016-11-14 [E] [expires: 2019-11-14]
      Key fingerprint = DC65 16EB 9202 5574 EA10 AB7E 2DCA 963E 5192 E094
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-----END PGP PUBLIC KEY BLOCK-----
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3.47. Hartmut Brandt <harti@FreeBSD.org>

```
pub 1024D/5920099F 2003-01-29 Hartmut Brandt <brandt@fokus.fraunhofer.de>
    Key fingerprint = F60D 09A0 76B7 31EE 794B BB91 082F 291D 5920 099F
uid                                     Hartmut Brandt <harti@freebsd.org>
sub 1024g/21D30205 2003-01-29
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Version: GnuPG v1.2.1 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.48. Oliver Braun <obraun@FreeBSD.org>

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pub 1024D/EF25B1BA 2001-05-06 Oliver Braun <obraun@unsane.org>
    Key fingerprint = 6A3B 042A 732E 17E4 B6E7 3EAF C0B1 6B7D EF25 B1BA
uid                                     Oliver Braun <obraun@obraun.net>
uid                                     Oliver Braun <obraun@freebsd.org>
uid                                     Oliver Braun <obraun@haskell.org>
sub 1024g/09D28582 2001-05-06
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-----END PGP PUBLIC KEY BLOCK-----

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3.49. Max Brazhnikov <makc@FreeBSD.org >

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pub 1024D/ACB3CD12 2008-08-18
    Key fingerprint = 4BAA 200E 720A 0BD1 7BB0 9DFD FBD9 08C2 ACB3 CD12
uid                               Max Brazhnikov <makc@FreeBSD.org>
uid                               Max Brazhnikov <makc@issp.ac.ru>
sub 1024g/5FAA4088 2008-08-18

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3.50. Jonathan M. Bresler <jmb@FreeBSD.org >

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pub 1024R/97E638DD 1996-06-05 Jonathan M. Bresler <jmb@Bresler.org>
    Key fingerprint = 31 57 41 56 06 C1 40 13 C5 1C E3 E5 DC 62 0E FB
uid                               Jonathan M. Bresler <jmb@FreeBSD.ORG>
uid                               Jonathan M. Bresler
uid                               Jonathan M. Bresler <Jonathan.Bresler@USi.net>
uid                               Jonathan M. Bresler <jmb@Frb.GOV>

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)

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Comment: For info see <http://www.gnupg.org>

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3.51. Antoine Brodin <antoine@FreeBSD.org >

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pub 1024D/50CC2671 2008-02-03
Key fingerprint = F3F7 72F0 9C4C 9E56 4BE9 44EA 1B80 31F3 50CC 2671
uid Antoine Brodin <antoine@FreeBSD.org>
sub 2048g/6F4AFBE5 2008-02-03
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-----END PGP PUBLIC KEY BLOCK-----
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3.52. Diane Bruce <db@FreeBSD.org >

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pub      2048R/8E9CAA7B 2012-05-16
          Key fingerprint = 8B08 E022 705D 0083 64C4 5E60 5148 0C74 8E9C AA7B
uid      Diane Bruce <db@db.net>
uid      Diane Bruce <db@FreeBSD.org>
sub      2048R/932E5985 2012-05-16
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3.53. Christian Brueffer <brueffer@FreeBSD.org >

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pub      4096R/A2E0582D3A67DC36 2013-09-23 [expires: 2018-10-23]
          Key fingerprint = 04D7 4375 648A B688 F821 57D2 A2E0 582D 3A67 DC36
uid      Christian Brueffer <christian@brueffer.de>
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uid Christian Brueffer <brueffer@FreeBSD.org>
uid Christian Brueffer <christian.brueffer@med.lu.se>
sub 4096R/78C8369847E16487 2013-09-23 [expires: 2018-10-23]
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3.54. Markus Brüffer <markus@FreeBSD.org >

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pub 1024D/78F8A8D4 2002-10-21
Key fingerprint = 3F9B EBE8 F290 E5CC 1447 8760 D48D 1072 78F8 A8D4
uid Markus Brueffer <markus@brueffer.de>
uid Markus Brueffer <buff@hitnet.rwth-aachen.de>
uid Markus Brueffer <mbrueffer@mi.rwth-aachen.de>
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sub 4096g/B7E5C7B6 2002-10-21
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7wb7L8No/lEcAKCDziXLMavHZGnIuNydVv7D1XE1LA==
=rJ5H
-----END PGP PUBLIC KEY BLOCK-----
```

3.55. Sean Bruno <sbruno@FreeBSD.org>

```
pub  rsa2048/BDE4F5FE89B5FCB6 2017-06-12 [SC] [expires: 2020-06-11]
      Key fingerprint = E8C4 E9F8 8035 04E1 E3F4 BA34 BDE4 F5FE 89B5 FCB6
uid      Sean Bruno (FreeBSD Developer Key) <sbruno@freebsd.org>
sub  rsa2048/4113DB2707DB1D75 2017-06-12 [E] [expires: 2020-06-11]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQENBFk+0UEBCADaf4bgxxKvM0hRV5NPoGWRCCGm49d6+1VFNlQ77WsY/+Zvf95T
PULdRlnGw648KfxWt7+03kdKhdRwnqLXWC7zA2Qt0dRE1yIq0GJ4jp4INvp/bcxW
zgr0aoK0jrlnfxRVbh+s0rzdZt6TsNL3cVYxkC8oezjaUkHdW4mFJU249U1QJogk
F8g0FeKNfEcjEkWJNX6LQJH+EzCWT0NCK6J+Xyo+z00ljxPp10UfdvZi3ulku/qT
ZstGVWxFVsP8xQkLV/y3AFcbiYx6iGJ45L7WuB0IWh07Z4yHENr8wFaNYwpod9i4
```

```
egX2BugbrM8p0fhN2/qddeG1L5LMtXw3yyAhABEBAAG0N1NlYw4gQnJ1bm8gKEZY
ZWVU0QgRGV2ZwvcGVyIEtleSkGPHN1cnVub0BmcmVlYnNkLm9yZz6JAVQEEwEK
AD4WIQT0x0n4gDUE4eP0ujS95PX+ibX8tgUCWT7RQQIBAwUJBa0agAULCQgHAwUV
CgkICwUAWIbAAIeAQIXgAAKRCRC95PX+ibX8ttKACAFKzRc56EBALVotq02EjZP
SfX+unlk6AuPBzShxqRxeK+bGYVCigrYd1M8nnskv0dEiZ5iYeND9HIxpbEyopqg
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44Xqo3o7CfPkMPy6M5Bow2IDzIhEYISLR+urxs74/aHU35PLtBSDtu18914SEMDd
va27MARN8mbeCDbuJVfGCPWyYHuy2t+9u2Zn5Dd+t3sBXLm9gpeaMm+4x6TNPpES
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eXSEA4N00sQ3BXUywanH
=Squ2
-----END PGP PUBLIC KEY BLOCK-----
```

3.56. Ruslan Bukin <br@FreeBSD.org >

```
pub 2048R/10F5E66E 2013-09-04
Key fingerprint = 57DF DADB 15FE EF7A 14C9 1DF3 ABF4 AFEB 10F5 E66E
uid Ruslan Bukin <br@freebsd.org>
sub 2048R/A33057CA 2013-09-04
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YnJAZnJlZWJzZC5vcmc+iQE5BBMBAgAjBQJSJvKBAHsDBwsJCAcDagEGFQgCCQoL
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JvkBAQgA6fDUJPMXKqS+ntQzZULuurL6ju14llkdNWI7apYubEvnfSPIA1nXfcPr
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ynaIr9NzWGMuxu1Vql8/k70SVjQNF6ee5vxI59isRrxSTIFpCdIMn10b1gUa0cbo
Bh5fiZMwH/b+impqn6ix3j+72/JE+DB2djBDhyQY1mTXwEaxCJzFA2GMKda3aRuh
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EKv0r+sQ9eZuK94H/3a4FRjRpw96YtSmyd6StzBItGT0uk0puDb4fNuXkvrdcx1j
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=ysoS
-----END PGP PUBLIC KEY BLOCK-----
```

3.57. Oleg Bulyzhin <oleg@FreeBSD.org >

```

pub   dsa1024/AF22DCEF78CE105F 2004-02-06 [SC] [expires: 2017-01-01]
      Key fingerprint = 98CC 3E66 26DE 50A8 DBC4 EB27 AF22 DCEF 78CE 105F
uid   Oleg Bulyzhin <oleg@rinet.ru>
uid   Oleg Bulyzhin <oleg@FreeBSD.org>
sub   elg1024/7644AEB2F747C159 2004-02-06 [E] [expires: 2017-01-01]

pub   ed25519/A50DF9830DEFB187 2016-08-23 [SC] [expires: 2020-02-01]
      Key fingerprint = 54DC 8880 4B98 73C4 18C3 6926 A50D F983 0DEF B187
uid   Oleg Bulyzhin <oleg@FreeBSD.org>
uid   Oleg Bulyzhin <oleg@rinet.ru>
sub   cv25519/ECDE4D1D477AC498 2016-08-23 [E] [expires: 2020-02-01]

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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puTWN0zFk1DJiULx9eVxnsEAI+QaAcE8H2L3XFpNkp6n680ZLW7FBZDD0YjCS4z
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ThVT1lh1rCLQkbBwTxNiwHPHHSQRa654aoYbQdi9x6M7fzE6Uzmdj1Gs/UBYZhhs
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SvU0xYhPBBgRAGAPAhSMBQJXvbKyBQkYRkPNAaAJEK8i3094zhBfARYAoItc0GTj
YxbT9IRtrLAKyUvdsrctAJ9jDDhAK7f0V0rmHY4tcot66gjZYJzqBF8F0WCSsG
AQQB2kcPAQEHEQeAbKRx2+FxeKjlyWwTxqvbMfFa5Gkpm0Ew2vd9uF9QtCBPbGVn
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BQsJCAcDBRUKCQGLBRYDagEABQJXvbRxBQkGeKiUAAAJEKUN+YMN77GhrCwA/i9h
mP8ujCTGfEj9Wqc5QjJ6S4ksGxLQJISamoIdfl06AQDS36Lsjabbem5H5yL5QjQc
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fwQTFggAJwIbAwULCQgHAgYVCAkKwIEFgIDAQIEAQIXgAUCV720cQUJbnioLAAK
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AQUBAQdAwtt+fqoayY5SKPrLEARZrzCK2440yc0v60R0eY3EVwcdAQgHiGcEGBYI
AA8CGwwFAle9tGQFCQZ4JUAQcGkQpQ35gw3vsYc6BQD+I3HUvDK052am9/EYSco9
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=knjF
-----END PGP PUBLIC KEY BLOCK-----

```

3.58. Michael Bushkov <bushman@FreeBSD.org >

```

pub   1024D/F694C6E4 2007-03-11 [expires: 2008-03-10]
      Key fingerprint = 4278 4392 BF6B 2864 C48E 0FA9 7216 C73C F694 C6E4
uid   Michael Bushkov <bushman@rsu.ru>
uid   Michael Bushkov <bushman@freebsd.org>
sub   2048g/5A783997 2007-03-11 [expires: 2008-03-10]

```

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-----BEGIN PGP PUBLIC KEY BLOCK-----  
  
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CD6K07GMTCCb102m2x97G+rNjGS8n7Uf7ITgoj9QtXBjpAC3K1ZcPoAcjwCgobcT  
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Hea3gvgodlje7eq3Dz7Hx9uFgn8pfw2wWLEgdkuYk72s3lSjN6+TGWzXuWnRYYJ1  
H8XtBACpByr9qcCaJ9yNAwDbDZj03zSeZoIQz6d/3tDv7SkzDlVyxErJCO7CiHg  
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MP8sXgUBE6PEmFZTWi1/Av+vR7aI1pPk+yIrKTV2Kyc7yCULMrQlTWLjaGF1bCBC  
dxNoa292IDxidXNobwFuQZyZWvic2Qub3JnPohmBBMRAGAmBQJF85XmAhsDBQkB  
4TOABgsJCAcDAGQVAggDBBYCAwEChgECF4AACgkQchbHPPaUxuSKQCdEAI0x9JT  
lAxI0wL6ApsukCI1bgcAnjkybnn6t4WwYy7IvmwMMJJ17oe0tCBNaWNoYwVsIEJ1  
c2hrb3YgPGJ1c2htYw5AcnN1LnJ1PohmBBMRAGAmBQJF85xpAhsDBQkB4TOABgsJ  
CAcDAGQVAggDBBYCAwEChgECF4AACgkQchbHPPaUxuS8xgCgjJ4LlHlI3wDP8Rnhv  
Iy9UW5BuBEYAoI22XNE30HvBdsmUyUvVji8yKt4auQINBEXzlgAQCADnAWwYquUZ  
mbrZ9/U04abD7Nm0vippLm/0078SMdonir+HKWZStjuvIHhpPDGI0wCpg/v24B3w  
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7S0YueuuxcDiYi4qJs9lroNxnwG2/VkrcPxlek1QbRVjs+TuRnzTaUzXbU7kli6y  
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uJ/6kF5Fuu2PAAMFCADNuQ0Irmhub799B7h+FJVtNu1IxpTmvJnD/RoWxhAtVo79  
c176MEqS/8tghzdzq/zXhr4DPMiTDWf1p4ynKFFkQaWkH028cvu3rc0tdpkI2d+s  
zKT6fFNn3kqQ7Eq5xgijSK8+aTWOuhqFvxkhLIcColuPK2Tmq+uIxjtu62lU52eZ  
DDePyHFGVWqtK299k1vGxZRf+vVXaKTBkGY3Pek04knpP5R0GA+JjL/Ew5o4Swn  
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C5EQWvi35HKNDXmQ4ws0MG68DCTE3X0ABA5yPY7TiE8EGBECAAA8FAkXzlgACGwF  
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-----END PGP PUBLIC KEY BLOCK-----
```

3.59. Adrian Chadd <adrian@FreeBSD.org >

```
pub   rsa2048/7CA5E05D69F3D0F3 2015-04-25 [expires: 2018-04-24]  
      Key fingerprint = B4E0 4958 1F1C 5DA4 1634 BA5B 7CA5 E05D 69F3 D0F3  
uid   Adrian Chadd <adrian@freebsd.org>  
sub   rsa2048/2C3793946FA31D6C 2015-04-25 [expires: 2018-04-24]
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----  
  
mQENBFU63IYBCADyY7txJ6kTExpEfgc9g9VehBaNL0jpv0VLAyrM6Sx62j0agMMJA  
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YWRyaWwFuQGZyZWvic2Qub3JnPokBPQTAQgAJwUCVTrchgIbAwUJBa0agAULCQgH  
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ZbY6uQENBFU63IYBCADGNTRHMCKLGA9Q05Yp6ScoPXaehbHzFYMYM5nW06j9hti  
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oFPANH4PTq1hwxM0pkQh5pDb2FzRPf12z3zwt62TfHTX0Hs608VttnUaqPaQ5rFG  
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=rZpw
-----END PGP PUBLIC KEY BLOCK-----
```

3.60. Julien Charbon <jch@FreeBSD.org >

```
pub  rsa2048/AB3752822AC74E10 2017-01-17 [expires: 2020-01-17]
     Key fingerprint = CCC2 3277 F6A7 4D42 56B3 C6C3 AB37 5282 2AC7 4E10
uid  Julien Charbon <julien.charbon@gmail.com>
sub  rsa2048/868BBF653D573377 2017-01-17 [expires: 2020-01-17]
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.61. Jayachandran C. <jchandra@FreeBSD.org >

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pub  1024D/3316E465 2010-05-19
     Key fingerprint = 320B DB08 4FE3 BCFD 60AF E4DB F486 015F 3316 E465
uid  Jayachandran C. <jchandra@freebsd.org>
sub  2048g/1F7755F9 2010-05-19
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-----END PGP PUBLIC KEY BLOCK-----
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3.62. Jesus R. Camou <jcamou@FreeBSD.org >

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pub 1024D/C2161947 2005-03-01
Key fingerprint = 274C B265 48EC 42AE A2CA 47D9 7D98 588A C216 1947
uid Jesus R. Camou <jcamou@FreeBSD.org>
sub 2048g/F8D2A8DF 2005-03-01
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-----END PGP PUBLIC KEY BLOCK-----
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3.63. Alonso Cárdenas Márquez <acm@FreeBSD.org >

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pub rsa4096/82E1399C11E68208 2015-06-17 [caduca: 2018-06-16]
Huella de clave = 9485 3AA6 4C32 6543 2C83 8201 82E1 399C 11E6 8208
uid Alonso Cardenas Marquez <acm@FreeBSD.org>
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sub  rsa4096/8DAA3CCE41FD26B2 2015-06-17 [caduca: 2018-06-16]
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3.64. Pietro Cerutti <gahr@FreeBSD.org >

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pub  rsa4096/40993B5A4A8F3F12 2018-09-13 [SC] [expires: 2021-09-12]
     Key fingerprint = 546D E77C FA14 CEA4 480A D7FA 4099 3B5A 4A8F 3F12
uid  Pietro Cerutti <gahr@gahr.ch>
uid  Pietro Cerutti <gahr@FreeBSD.org>
sub  rsa4096/628EAA09AA81154B 2018-09-13 [E] [expires: 2021-09-12]
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3.65. Dmitry Chagin <dchagin@FreeBSD.org >

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pub 1024D/738EFCED 2009-02-27
    Key fingerprint = 3F3F 8B87 CE09 9E10 3606 6ACA D2DD 936F 738E FCED
uid          Dmitry Chagin <dchagin@freebsd.org>
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sub 2048g/6A3DFDF9 2009-02-27
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3.66. Hye-Shik Chang <perky@FreeBSD.org >

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pub 1024D/CFDB4BA4 1999-04-23 Hye-Shik Chang <perky@FreeBSD.org>
    Key fingerprint = 09D9 57D6 58BA 44DD CAEC 71CD 0D65 2C59 CFDB 4BA4
uid                               Hye-Shik Chang <hyeshik@gmail.com>
sub 1024g/A94A8ED1 1999-04-23
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3.67. Jonathan Chen <jon@FreeBSD.org >

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pub 1024D/2539468B 1999-10-11 Jonathan Chen <jon@spock.org>
    Key fingerprint = EE31 CDA1 A105 C8C9 5365 3DB5 C2FC 86AA 2539 468B
uid Jonathan Chen <jon@freebsd.org>
uid Jonathan Chen <chenj@rpi.edu>
uid Jonathan Chen <spock@acm.rpi.edu>
uid Jonathan Chen <jon@cs.rpi.edu>
sub 3072g/B81EF1DB 1999-10-11

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.68. Jonathan Anderson <jonathan@FreeBSD.org>

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uid Jonathan Anderson (Cambridge) <jonathan.anderson@cl.cam.ac.uk>
uid Jonathan Anderson (FreeBSD) <jonathan@FreeBSD.org>
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=RzDV
-----END PGP PUBLIC KEY BLOCK-----

```

3.69. Fukang Chen <loader@FreeBSD.org >

```

pub  rsa8192/570CA31E3F277CD2 2017-07-08 [SC] [expires: 2020-07-08]
     Key fingerprint = 420F 241D DEE4 77ED 23EE 09C1 570C A31E 3F27 7CD2
uid  loader <loader@FreeBSD.org>
sub  rsa8192/7C3AA828B683A47D 2017-07-08 [E] [expires: 2020-07-08]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=l5pH
-----END PGP PUBLIC KEY BLOCK-----

```

3.70. Luoqi Chen <luoqi@FreeBSD.org >

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pub 1024D/2926F3BE 2002-02-22 Luoqi Chen <luoqi@FreeBSD.org>
    Key fingerprint = B470 A815 5917 D9F4 37F3 CE2A 4D75 3BD1 2926 F3BE
uid                               Luoqi Chen <luoqi@bricore.com>
uid                               Luoqi Chen <lchen@onetta.com>
sub 1024g/5446EB72 2002-02-22

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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=RNUY
-----END PGP PUBLIC KEY BLOCK-----

```

3.71. Andrey A. Chernov <ache@FreeBSD.org>

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pub 2048R/A51C92FD0C8DF6CA 2014-08-09
   Key fingerprint = 36A5 CEDA 5878 AAC1 4888 79FA A51C 92FD 0C8D F6CA
uid                               Andrey Chernov <ache@FreeBSD.org>
sub 2048R/85902C6618402312 2014-08-09
   Key fingerprint = C8F1 E3F5 999F E916 FD0E AAE3 8590 2C66 1840 2312
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
```

3.72. Alexander V. Chernikov <melifaro@FreeBSD.org>

```
pub 1024D/2675AB69 2008-02-17
   Key fingerprint = 00D2 E063 2FB0 2990 C602 50FD C1C2 7889 2675 AB69
uid                               Alexander V. Chernikov <melifaro@yandex-team.ru>
uid                               Alexander V. Chernikov <melifaro@ipfw.ru>
uid                               Alexander V. Chernikov <melifaro@freebsd.org>
sub 4096g/BC64F40C 2008-02-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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3.73. Sean Chittenden <seanc@FreeBSD.org >

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pub  rsa2048/D75366AADc79472D 2018-04-22 [SC] [expires: 2021-04-21]
      Key fingerprint = EF8C B8E1 2506 6786 0D47 4FF1 D753 66AA DC79 472D
uid  Sean Chittenden <sean@chittenden.org>
uid  Sean Chittenden <seanc@FreeBSD.org>
sub  rsa2048/1F3FC65702B2794E 2018-04-22 [E] [expires: 2021-04-21]

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-----END PGP PUBLIC KEY BLOCK-----
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3.74. Junho CHOI <cjh@FreeBSD.org>

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pub 1024D/E60260F5 2002-10-14 CHOI Junho (Work) <cjh@wdb.co.kr>
Key fingerprint = 1369 7374 A45F F41A F3C0 07E3 4A01 C020 E602 60F5
uid CHOI Junho (Personal) <cjh@kr.FreeBSD.org>
uid CHOI Junho (FreeBSD) <cjh@FreeBSD.org>
sub 1024g/04A4FDD8 2002-10-14
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Version: GnuPG v1.2.0 (FreeBSD)
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3.75. David Christensen <davidch@FreeBSD.org>

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pub 4096R/6EF8EA544E261A57 2013-10-04 [expires: 2018-10-03]
Key fingerprint = 6D3B 985F 2737 C936 F37D 93D6 6EF8 EA54 4E26 1A57
uid David Christensen (FreeBSD Committer Key) <davidch@freebsd.o
org>
sub 4096R/6B5D5DE299525D80 2013-10-04 [expires: 2018-10-03]
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-----END PGP PUBLIC KEY BLOCK-----
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3.76. Jonathan Chu <milki@FreeBSD.org >

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pub 4096R/1DAACB3510D2041A 2013-12-16
    Key fingerprint = 9F11 FB1D 917F CD6A 479D EA46 1DAA CB35 10D2 041A
uid                               Jonathan Chu (ports) <milki@FreeBSD.org>
sub 4096R/02DDC04CA046B32A 2013-12-16
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-----END PGP PUBLIC KEY BLOCK-----

```

3.77. Crist J. Clark <cjc@FreeBSD.org >

```

pub 1024D/FE886AD3 2002-01-25 Crist J. Clark <cjclark@jhu.edu>
Key fingerprint = F04E CCD7 3834 72C2 707F 0A8F 259F 8F4B FE88 6AD3
uid                               Crist J. Clark <cjclark@alum.mit.edu>
uid                               Crist J. Clark <cjc@freebsd.org>
sub 1024g/9B6BAB99 2002-01-25

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

3.78. Joe Marcus Clarke <marcus@FreeBSD.org >

```
pub 1024D/FE14CF87 2002-03-04 Joe Marcus Clarke (FreeBSD committer address) <
marcus@FreeBSD.org>
Key fingerprint = CC89 6407 73CC 0286 28E4 AFB9 6F68 8F8A FE14 CF87
uid Joe Marcus Clarke <marcus@marcuscom.com>
sub 1024g/B9ACE4D2 2002-03-04
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----

3.79. Nik Clayton <nik@FreeBSD.org >

```
pub 1024D/2C37E375 2000-11-09 Nik Clayton <nik@freebsd.org>
   Key fingerprint = 15B8 3FFC DDB4 34B0 AA5F 94B7 93A8 0764 2C37 E375
uid                               Nik Clayton <nik@slashdot.org>
uid                               Nik Clayton <nik@crf-consulting.co.uk>
uid                               Nik Clayton <nik@ngo.org.uk>
uid                               Nik Clayton <nik@bsd.i.com>
sub 1024g/769E298A 2000-11-09
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.80. Benjamin Close <benjsc@FreeBSD.org >

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pub 1024D/4842B5B4 2002-04-10
Key fingerprint = F00D C83D 5F7E 5561 DF91 B74D E602 CAA3 4842 B5B4
uid Benjamin Simon Close <Benjamin.Close@clearchain.com>
uid Benjamin Simon Close <benjsc@FreeBSD.org>
uid Benjamin Simon Close <benjsc@clearchain.com>
sub 2048g/3FA8A57E 2002-04-10

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3.81. Ngie Cooper <ngie@FreeBSD.org >

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pub  rsa4096/E4914D31978318DE 2018-12-24 [SC] [expires: 2023-12-24]
     Key fingerprint = B6FB 7137 A90E 9651 05DE 7997 E491 4D31 9783 18DE
uid  Enji Cooper <yaneurabeya@gmail.com>
sub  rsa4096/057B0DCA584EE2AC 2018-12-24 [E] [expires: 2023-12-24]
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3.82. Tijl Coosemans <tijl@FreeBSD.org >

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pub  rsa3072/1D518D7E8660210D 2019-09-23 [C] [expires: 2021-09-22]
     Key fingerprint = 48BB 4E9B 7C30 7589 A5C7 A255 1D51 8D7E 8660 210D
uid  Tijl Coosemans <tijl@coosemans.org>
uid  Tijl Coosemans <tijl@FreeBSD.org>
sub  rsa3072/CDCB89B73E6D5675 2019-09-23 [E] [expires: 2021-09-22]
     Key fingerprint = 09DF 4C09 3E52 711D 0E71 00D8 CDCB 89B7 3E6D 5675
sub  rsa3072/EEB0680F0BEED58A 2019-09-23 [S] [expires: 2021-09-22]
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3.83. Raphael Kubo da Costa <rakuco@FreeBSD.org >

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3.84. Dave Cottlehuber <dch@FreeBSD.org >

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pub  rsa4096/7B6D7CF1E659C86A 2017-09-13 [SC] [expires: 2020-09-12]
      Key fingerprint = 9537 F38F EAFE 4059 D422 DBE9 7B6D 7CF1 E659 C86A
uid      Dave Cottlehuber <dch@FreeBSD.org>
sub  rsa4096/EDE33CA88915DC09 2017-09-13 [E] [expires: 2020-09-12]
      Key fingerprint = E617 B852 6DFE D644 5A65 5698 EDE3 3CA8 8915 DC09
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3.85. Alan L. Cox <alC@FreeBSD.org >

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pub 2048R/33E2893B 2013-06-15
Key fingerprint = FC7C 93FD 2C2C ABA5 C1D1 3E74 8513 043C 33E2 893B
uid Alan Cox <alC@FreeBSD.org>
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uid          Alan Cox <alc@cs.rice.edu>
uid          Alan Cox <alc@rice.edu>
sub 2048R/693757AA 2013-06-15
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3.86. Olivier Cochard-Labbé <olivier@FreeBSD.org >

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pub  rsa4096/89A5246DC4C57722 2016-02-15
     Key fingerprint = 18D2 A78C 6BBA 0A5B 3A1A 4C7C 89A5 246D C4C5 7722
uid          Olivier Cochard <olivier@cochard.me>
uid          Olivier Cochard-Labbé <olivier@FreeBSD.org>
sub  rsa4096/BC44032DC2707BE0 2016-02-15
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3.87. Jeb Cramer <jeb@FreeBSD.org >


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pub  rsa2048/03D8AF11FB449837 2018-10-31 [SC] [expires: 2021-10-30]
      Key fingerprint = 62D9 4FED 18C9 7C1D 9680 421E 03D8 AF11 FB44 9837
uid   Jeb Cramer <jeb@freebsd.org>
sub  rsa2048/8C5C3115E84A7CD4 2018-10-31 [E] [expires: 2021-10-30]
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3.88. Rebecca Cran <bcran@FreeBSD.org>

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      Key fingerprint = 1FB9 7D9B 644D D3BD E346 2BE2 0D02 2B53 11BE 1020
uid   Rebecca Cran <rebecca@bluestop.org>
uid   Rebecca Cran <bcran@freebsd.org>
sub  rsa4096/09ABD7DF293B1BCA 2018-04-16 [E] [expires: 2023-04-15]
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3.89. Frederic Culot <culot@FreeBSD.org >

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pub 1024D/34876C5B 2006-08-26
Key fingerprint = 50EE CE94 E43E BA85 CB67 262B B739 1A26 3487 6C5B
uid Frederic Culot <culot@FreeBSD.org>
uid Frederic Culot <frederic@culot.org>
sub 2048g/F1EF901F 2006-08-26
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3.90. Aaron Dalton <aaron@FreeBSD.org >

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pub 1024D/8811D2A4 2006-06-21 [expires: 2011-06-20]
    Key fingerprint = 8DE0 3CBB 3692 992F 53EF ACC7 BE56 0A4D 8811 D2A4
uid          Aaron Dalton <aaron@freebsd.org>
sub 2048g/304EE8E5 2006-06-21 [expires: 2011-06-20]
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3.91. Baptiste Daroussin <bapt@FreeBSD.org >

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pub  rsa4096/63898BDCF1B73E5A 2015-12-03 [expires: 2025-12-06]
    Key fingerprint = 80E4 E3DE CB92 DAEA C65D 5537 6389 8BDC F1B7 3E5A
uid  Baptiste Daroussin <bapt@FreeBSD.org>
uid  Baptiste Daroussin <bapt@etoilebsd.net>
sub  rsa4096/35BAFBEB24FF27FB 2015-12-03
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3.92. Ceri Davies <ceri@FreeBSD.org >

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pub 1024D/34B7245F 2002-03-08
Key fingerprint = 9C88 EB05 A908 1058 A4AE 9959 A1C7 DCC1 34B7 245F
uid Ceri Davies <ceri@submonkey.net>
uid Ceri Davies <ceri@FreeBSD.org>
uid Ceri Davies <ceri@opensolaris.org>
sub 1024g/0C482CBC 2002-03-08
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3.93. Brad Davis <brd@FreeBSD.org >

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Key fingerprint = 5DFD D1A6 BEEE A6D4 B3F5 4236 D362 3291 ED0A 754D
uid Brad Davis <brd@FreeBSD.org>
uid Brad Davis <so14k@so14k.com>
sub 2048g/1F29D404 2005-05-14 [expires: 2020-05-10]
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3.94. Eric Davis <edavis@FreeBSD.org >

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Key fingerprint = F368 53A8 E3CB 7135 3140 2AE4 F52D F060 EC55 83DD
uid      Eric Davis <edavis@insanum.com>
uid      Eric Davis <edavis@FreeBSD.org>
uid      Eric Davis <edavis@broadcom.com>
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3.95. Paweł Jakub Dawidek <pjd@FreeBSD.org >

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pub  rsa4096/0x954B852BB1285B75 2015-04-17 [expires: 2020-04-15]
      Key fingerprint = B1C5 F673 045B 6C7B AFFB 3A1D 954B 852B B128 5B75
uid  [ultimate] Paweł Jakub Dawidek <pjd@FreeBSD.org>
uid  [ultimate] Paweł Jakub Dawidek <pawel@dawidek.net>
uid  [ultimate] Paweł Jakub Dawidek <p.dawidek@wheelsystems.com>
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3.96. Alexey Degtyarev <alexey@FreeBSD.org>

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pub 2048R/392CE63AA025BC4D 2013-11-08
Key fingerprint = B347 13EF BDDA 45FE EEB1 9110 392C E63A A025 BC4D
uid Alexey Degtyarev <alexey@freebsd.org>
sub 2048R/6D5FB75FB723C378 2013-11-08
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3.97. Brian S. Dean <bsd@FreeBSD.org>

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pub 1024D/723BDEE9 2002-01-23 Brian S. Dean <bsd@FreeBSD.org>
Key fingerprint = EF49 7ABE 47ED 91B3 FC3D 7EA5 4D90 2FF7 723B DEE9
sub 1024g/4B02F876 2002-01-23
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.98. Carl Delsey <carl@FreeBSD.org >

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pub 4096R/FB3B5D38 2013-01-15
    Key fingerprint = F0E5 3849 C6C3 668B 68A3 BCC7 6031 E963 FB3B 5D38
uid                               Carl Delsey <carl@FreeBSD.org>
sub 4096R/256F29D3 2013-01-15
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3.99. Sergio Carlavilla Delgado <carlavilla@FreeBSD.org >

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pub  rsa2048/A5CBF1197F11F6DF 2019-05-25 [SC] [expires: 2022-05-24]
      Key fingerprint = 1A2E 31C0 27BC 5A60 5595 C2D8 A5CB F119 7F11 F6DF
uid          Sergio Carlavilla <carlavilla@FreeBSD.org>
sub  rsa2048/355B068E3B2B9218 2019-05-25 [E] [expires: 2022-05-24]
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3.100. Johannes M. Dieterich <jmd@FreeBSD.org >

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pub  rsa4096/E8B1804C3F8BF511 2017-01-24 [SC] [expires: 2020-01-24]
      Key fingerprint = B96F 12C4 F458 1899 43AE 2959 E8B1 804C 3F8B F511
uid          Johannes M Dieterich <jmd@freebsd.org>
sub  rsa4096/4F65FFA7F943254A 2017-01-24 [E] [expires: 2020-01-24]
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3.101. Vasil Dimov <vd@FreeBSD.org >

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pub      1024D/F6C1A420 2004-12-08
         Key fingerprint = B1D5 04C6 26CC 0D20 9525 14B8 170E 923F F6C1 A420
uid      Vasil Dimov <vd@FreeBSD.org>
uid      Vasil Dimov <vd@datamax.bg>
sub      4096g/A0148C94 2004-12-08

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XmPkHj0KHckscg/fYw==
=Yp1b
-----END PGP PUBLIC KEY BLOCK-----
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3.102. Roman Divacky <rdivacky@FreeBSD.org>

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pub 1024D/3DC2044C 2006-11-15
    Key fingerprint = 6B61 25CA 49BC AAC5 21A9 FA7A 2D51 23E8 3DC2 044C
uid Roman Divacky <rdivacky@freebsd.org>
sub 2048g/39BDCE16 2006-11-15
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-----END PGP PUBLIC KEY BLOCK-----
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3.103. Alexey Dokuchaev <danfe@FreeBSD.org>

```
pub 1024D/3C060B44 2004-08-23 Alexey Dokuchaev <danfe@FreeBSD.org>
Key fingerprint = D970 08A4 922C 8D63 0C19 8D27 F421 76EE 3C06 0B44
sub 1024g/70BAE967 2004-08-23
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.104. Dima Dorfman <dd@FreeBSD.org>

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pub 1024D/69FAE582 2001-09-04
Key fingerprint = B340 8338 7DA3 4D61 7632 098E 0730 055B 69FA E582
uid Dima Dorfman <dima@trit.org>
uid Dima Dorfman <dima@unixfreak.org>
uid Dima Dorfman <dd@freebsd.org>
sub 2048g/65AF3B89 2003-08-19 [expires: 2005-08-18]
sub 2048g/8DB0CF2C 2005-05-29 [expires: 2007-05-29]
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3.105. Bryan Drewery <bdrewery@FreeBSD.org >

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pub  rsa2048/35D771BB6E4697CF 2013-10-24 [SC] [expires: 2020-11-08]
     Key fingerprint = F917 3CB2 C3AA EATA 5C8A 1F09 35D7 71BB 6E46 97CF
uid          Bryan Drewery <bdrewery@FreeBSD.org>
uid          Bryan Drewery <bryan@shatow.net>
sub  rsa2048/FF5A7FF27D55A32D 2013-10-24 [E] [expires: 2020-11-08]

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3.106. Garance A Drosehn <gad@FreeBSD.org >

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pub 4096R/CBBBB1AECCAC052F 2015-04-25 [expires: 2020-06-19]
    Key fingerprint = BF87 9EE6 2DBE 97B7 3039 1EF9 CBBB B1AE CCAC 052F
uid                                     Garance Alistair Drosehn <drosehn@mac.com>
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3.107. Olivier Duchateau <olivierd@FreeBSD.org >

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pub 2048R/22431859 2012-05-28 [expires: 2017-05-27]
Key fingerprint = C057 112A 4A27 B5F2 CD8F 6C9A FC5A 0167 2243 1859
uid Olivier Duchateau <duchateau.olivier@gmail.com>
sub 2048R/63A85BDF 2012-05-28 [expires: 2017-05-27]
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-----END PGP PUBLIC KEY BLOCK-----
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3.108. Bruno Ducrot <bruno@FreeBSD.org >

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pub 1024D/7F463187 2000-12-29
Key fingerprint = 7B79 E1D6 F5A1 6614 792F D906 899B 4D28 7F46 3187
uid Ducrot Bruno (Poup Master) <ducrot@poupinou.org>
sub 1024g/40282874 2000-12-29
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3.109. Alex Dupre <ale@FreeBSD.org >

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3.110. Rusmir Dusko <nemysis@FreeBSD.org >

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pub 4096R/4C93E3D2 2013-05-01
Key fingerprint = 6FEB 14C6 26D4 7E3A 57DE 487F B6B9 B8F6 4C93 E3D2
uid nemysis <nemysis@FreeBSD.org>
sub 4096R/9CF8C13B 2013-05-01
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3.111. Peter Edwards <peadar@FreeBSD.org >

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pub 1024D/D80B4B3F 2004-03-01 Peter Edwards <peadar@FreeBSD.org>
Key fingerprint = 7A8A 9756 903E BEF2 4D9E 3C94 EE52 52F7 D80B 4B3F
uid Peter Edwards <pm Edwards@eircom.net>
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3.112. Daniel Eischen <deischen@FreeBSD.org >

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pub 4096R/7D15560B 2012-11-17
   Key fingerprint = 0039 2133 69CA 14D3 236A E331 361A 68B2 7D15 560B
uid Daniel Eischen <deischen@FreeBSD.org>
sub 4096R/A51F81F7 2012-11-17
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-----END PGP PUBLIC KEY BLOCK-----
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3.113. Josef El-Rayes <josef@FreeBSD.org >

```
pub 2048R/A79DB53C 2004-01-04 Josef El-Rayes <josef@FreeBSD.org>
   Key fingerprint = 58EB F5B7 2AB9 37FE 33C8 716B 59C5 22D9 A79D B53C
uid Josef El-Rayes <josef@daemon.li>
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.114. Lars Engels <lme@FreeBSD.org >

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pub 2048R/E54CB37D3A089D6D 2014-03-10 [expires: 2017-03-09]
Key fingerprint = 8F40 017E 4DF5 3125 7AFE 5149 E54C B37D 3A08 9D6D
uid Lars Martin Engels <lars@bsd-geek.de>
uid Lars Martin Engels <lars.engels@0x20.net>
uid Lars Martin Engels <lars@0x20.net>
uid Lars Martin Engels <lme@FreeBSD.org>
sub 2048R/5AB391DB0BA67DBB 2014-03-10 [expires: 2017-03-09]
Key fingerprint = C31C 8DAA 4A95 2507 F065 C42D 5AB3 91DB 0BA6 7DBB
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-----END PGP PUBLIC KEY BLOCK-----
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3.115. Udo Erdelhoff <uer@FreeBSD.org>

```
pub 1024R/E74FA871 1994-07-19 Udo Erdelhoff <uer@de.uu.net>
Key fingerprint = 8C B1 80 CA 2C 52 73 81 FB A7 B4 03 C5 32 C8 67
uid Udo Erdelhoff <ue@nathan.ruhr.de>
uid Udo Erdelhoff <ue@freebsd.org>
uid Udo Erdelhoff <uerdelho@eu.uu.net>
uid Udo Erdelhoff <uerdelho@uu.net>
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----

3.116. Ruslan Ermilov <ru@FreeBSD.org >

```
pub 1024D/996E145E 2004-06-02 Ruslan Ermilov (FreeBSD) <ru@FreeBSD.org>
    Key fingerprint = 274E D201 71ED 11F6 9CCB 0194 A917 E9CC 996E 145E
uid                               Ruslan Ermilov (FreeBSD Ukraine) <ru@FreeBSD.org.ua>
uid                               Ruslan Ermilov (IPNet) <ru@ip.net.ua>
sub 1024g/557E3390 2004-06-02 [expires: 2007-06-02]
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3.117. Lukas Ertl <le@FreeBSD.org >

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pub 1024D/F10D06CB 2000-11-23 Lukas Ertl <le@FreeBSD.org>
    Key fingerprint = 20CD C5B3 3A1D 974E 065A B524 5588 79A9 F10D 06CB
uid                                     Lukas Ertl <a9404849@unet.univie.ac.at>
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sub 1024g/5960CE8E 2000-11-23

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Version: GnuPG v1.2.5 (FreeBSD)

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3.118. Stefan Eßer <se@FreeBSD.org >

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pub  rsa2048/47EBB5EF5AFDF544 2015-06-05 [SC] [verfällt: 2022-08-31]
     Schl.-Fingerabdruck = A371 EA65 9C0B ECC8 2B71 5313 47EB B5EF 5AFD F544
uid          Stefan Eßer (FreeBSD) <se@freebsd.org>
sub  rsa2048/ACCC7EFAB7B32CCA 2015-06-05 [E] [verfällt: 2022-08-31]

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3.119. Kyle Evans <kevans@FreeBSD.org >

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Key fingerprint = FBFF 642E E0D3 745C 2C13 FE4C 194E B413 8747 0B7B  
uid      Kyle Evans <admin@sineful.com>  
uid      Kyle Evans <kevans@FreeBSD.org>  
uid      Kyle Evans <kevans91@ksu.edu>  
uid      Kyle Evans <self@kyle-evans.net>  
uid      Kyle Evans <admin@digispan.org>  
uid      Kyle Evans <admin@audeuro.com>  
sub      cv25519/68D6006ED44CA043 2018-06-16 [E] [expires: 2021-06-15]  
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3.120. Brendan Fabeny <bf@FreeBSD.org >

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pub 4096R/F136475C268CE725 2017-03-13 [expires: 2020-03-12]
Key fingerprint = 7C00 38F6 AC38 06FF DC23 49BC F136 475C 268C E725
uid Brendan Fabeny <bf@FreeBSD.org>
sub 4096R/F507B4059E04039E 2017-03-13 [expires: 2020-03-12]
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3.121. Sean Eric Fagan <sef@FreeBSD.org >

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pub  rsa2048/E2744B3B34F9D701 2018-04-04 [SC] [expires: 2021-04-04]
      Key fingerprint = 0A76 EA12 84E0 E2E7 C99F D142 E274 4B3B 34F9 D701
uid  Sean Eric Fagan <sef@kithrup.com>
uid  Sean Fagan <sef@FreeBSD.ORG>
sub  rsa2048/507856105750495C 2018-04-04 [E] [expires: 2021-04-04]

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3.122. Guido Falsi <madpilot@FreeBSD.org >

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3.123. Rong-En Fan <rafan@FreeBSD.org >

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uid Rong-En Fan <rafan@infor.org>
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3.124. Dominic Fandrey <kami@FreeBSD.org >

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pub 2048R/6FF05D69A92A59DB 2014-09-18 [expires: 2017-09-17]
    Key fingerprint = 7D88 4610 FFBB BA86 F17B C037 6FF0 5D69 A92A 59DB
uid                               Dominic Fandrey <kami@freebsd.org>
sub 2048R/B4EC9D5FBC909F27 2014-09-18 [expires: 2017-09-17]

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3.125. Stefan Farfeleder <stefanf@FreeBSD.org >

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pub 1024D/8BEFD15F 2004-03-14 Stefan Farfeleder <stefanf@fafoe.narf.at>
Key fingerprint = 4220 FE60 A4A1 A490 5213 27A6 319F 8B28 8BEF D15F
uid Stefan Farfeleder <stefanf@complang.tuwien.ac.at>
uid Stefan Farfeleder <stefanf@FreeBSD.org>
uid Stefan Farfeleder <stefanf@ten15.org>
sub 2048g/418753E9 2004-03-14 [expires: 2007-03-14]
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3.126. Babak Farrokhi <farrokhi@FreeBSD.org >

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pub  rsa4096/6B267AD85D632E9A 2015-07-25 [expires: 2020-07-28]
     Key fingerprint = F081 5F88 61BF 2DEA F261 E9C1 6B26 7AD8 5D63 2E9A
uid  Babak Farrokhi <babak@farrokhi.net>
uid  Babak Farrokhi <farrokhi@imenpardis.com>
uid  Babak Farrokhi <farrokhi@FreeBSD.org>
sub  rsa4096/1CB810DE7321676A 2015-07-25 [expires: 2020-07-23]
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3.127. Chris D. Faulhaber <jedgar@FreeBSD.org >

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3.128. Matthias Fechner <mfechner@FreeBSD.org >

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      Key fingerprint = 6960 7AE2 60A9 F34E 183A DAAE B68B 75DC 9FD7 47E1
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3.129. Mark Felder <feld@FreeBSD.org >

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pub  rsa4096/C293776A9FFC6D85 2018-12-21 [SC] [expires: 2022-12-21]
      Key fingerprint = 3B06 0178 660C 6BB0 A96F F010 C293 776A 9FFC 6D85
uid  Mark Felder <feld@FreeBSD.org>
uid  Mark Felder <feld@feld.me>
sub  rsa4096/397E8F99C5EEA440 2018-12-21 [E] [expires: 2022-12-21]
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3.130. Brian F. Feldman <green@FreeBSD.org >

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pub 1024D/41C13DE3 2000-01-11 Brian Fundakowski Feldman <green@FreeBSD.org>
Key fingerprint = 6A32 733A 1BF6 E07B 5B8D AE14 CC9D DCA2 41C1 3DE3
sub 1024g/A98B9FCC 2000-01-11 [expires: 2001-01-10]

pub 1024D/773905D6 2000-09-02 Brian Fundakowski Feldman <green@FreeBSD.org>
Key fingerprint = FE23 7481 91EA 5E58 45EA 6A01 B552 B043 7739 05D6
sub 2048g/D2009B98 2000-09-02

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Comment: For info see http://www.gnupg.org

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3.131. Mário Sérgio Fujikawa Ferreira <lioux@FreeBSD.org >

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pub 4096R/B43B673FDAE448D1 2014-02-13 [expires: 2019-02-12]
Key fingerprint = 0617 5DB3 8B1A C326 A542 3B3C B43B 673F DAE4 48D1
uid Mario Sergio Fujikawa Ferreira (lioux) <lioux@FreeBSD.org>
sub 4096R/D780173751E6FF87 2014-02-13 [expires: 2019-02-12]
sub 3072D/BB0B0361BC87D308 2014-02-13 [expires: 2015-02-13]
sub 4096g/C90A229CFE1F29B0 2014-02-13 [expires: 2015-02-13]

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3.132. Matthew Fleming <mdf@FreeBSD.org >

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pub 2048R/A783DAA2 2012-11-22 [expires: 2016-11-22]
    Key fingerprint = 773F E069 BE98 CE96 4AC6 B8AB 1A1B 255E A783 DAA2
uid          Matthew D Fleming <mdf356@gmail.com>
uid          Matthew D Fleming <mdf@FreeBSD.org>
sub 2048R/4015B7AA 2012-11-22 [expires: 2016-11-22]

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3.133. Tony Finch <fanf@FreeBSD.org>

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uid          Tony Finch <dot@dotat.at>
uid          Tony Finch <fanf@FreeBSD.org>
uid          Tony Finch <fanf@apache.org>
uid          Tony Finch <fanf2@cam.ac.uk>
uid          Tony Finch <fanf@exim.org>
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3.134. Marc Fonvieille <blackend@FreeBSD.org>

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pub 1024D/4F8E74E8 2004-12-25 Marc Fonvieille <blackend@FreeBSD.org>
Key fingerprint = 55D3 4883 4A04 828A A139 A5CF CD0F 51C0 4F8E 74E8
uid Marc Fonvieille <marc@blackend.org>
uid Marc Fonvieille <marc@freebsd-fr.org>
sub 1024g/37AD4E7D 2004-12-25
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-----END PGP PUBLIC KEY BLOCK-----

3.135. Pete Fritchman <petef@FreeBSD.org >

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pub 1024D/74B91CFD 2001-01-30 Pete Fritchman <petef@FreeBSD.org>
    Key fingerprint = 9A9F 8A13 DB0D 7777 8D8E 1CB2 C5C9 A08F 74B9 1CFD
uid                               Pete Fritchman <petef@databits.net>
uid                               Pete Fritchman <petef@csh.rit.edu>
sub 1024g/0C02AF0C 2001-01-30
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see <http://www.gnupg.org>

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3.136. Bernhard Fröhlich <decke@FreeBSD.org >

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pub  rsa2048/4DD88C3F9F3B8333 2015-05-05 [SC] [expires: 2021-05-01]
      Key fingerprint = 3924 2DE3 BD34 BB70 529C 03D2 4DD8 8C3F 9F3B 8333
uid   Bernhard Froehlich <decke@FreeBSD.org>
uid   Bernhard Froehlich <decke@bluelife.at>
sub  rsa2048/623F4D906034D944 2015-05-05 [E] [expires: 2021-05-01]
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-----END PGP PUBLIC KEY BLOCK-----
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3.137. Landon Fuller <Landonf@FreeBSD.org >

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pub  rsa2048/86CDBA86B7E31D02 2016-06-01 [SC] [expires: 2019-06-01]
      Key fingerprint = 9E26 9CB1 93F4 76EA 9A08 731C 86CD BA86 B7E3 1D02
uid   Landon Fuller <Landonf@freebsd.org>
sub  rsa2048/203DA64DD0940730 2016-06-01 [E] [expires: 2019-06-01]
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3.138. Bill Fumerola <billf@FreeBSD.org >

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pub 1024D/7F868268 2000-12-07 Bill Fumerola (FreeBSD Developer) <billf@FreeBSD.org>
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uid Bill Fumerola (Security Yahoo) <fumerola@yahoo-inc.com>
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Comment: For info see http://www.gnupg.org
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3.139. Stephen Gregoratto <sg@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.140. Stanislav Galabov <sgalabov@FreeBSD.org>

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pub  rsa2048/1B12C41F5CE3A080 2019-02-22 [SC] [expires: 2022-02-21]
     Key fingerprint = 4E61 0B06 E50C A279 744B 96CC 1B12 C41F 5CE3 A080
uid  Stanislav Galabov <sgalabov@freebsd.org>
sub  rsa2048/A59ED0D14C78A6FA 2019-02-22 [E] [expires: 2022-02-21]
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-----END PGP PUBLIC KEY BLOCK-----
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3.141. Richard Gallamore <ultima@FreeBSD.org>

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pub  rsa2048/3BEAF71768A208CF 2017-06-08 [SC] [expires: 2020-06-07]
     Key fingerprint = CB46 EC64 5BA1 8F5F 7CAC BDA6 3BEA F717 68A2 08CF
uid  Richard Gallamore <ultima@FreeBSD.org>
sub  rsa2048/37CA856E4AA20523 2017-06-08 [E] [expires: 2020-06-07]
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-----END PGP PUBLIC KEY BLOCK-----

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3.142. Andriy Gapon <avg@FreeBSD.org >

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pub  rsa4096/77F26ED351CD728F 2017-09-12 [SCA] [expires: 2020-09-11]
      Key fingerprint = BE2C 43BB 9E04 275C 0E01 8EBE 77F2 6ED3 51CD 728F
uid          Andriy Gapon <avg@FreeBSD.org>
sub  rsa4096/51453CBCCAFA8DD 2017-09-12 [E] [expires: 2020-09-11]

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3.143. Beat Gätzi <beat@FreeBSD.org >

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pub  rsa4096/ADA4DD51C7914099 2019-09-05 [SC] [expires: 2022-09-04]
      Key fingerprint = E0AB 0418 401D F150 4C5E 9E06 ADA4 DD51 C791 4099
uid  Beat Gaetzi <beat@FreeBSD.org>
sub  rsa4096/63C91DF5F37C26DE 2019-09-05 [E] [expires: 2022-09-04]

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3.144. Daniel Geržo <danger@FreeBSD.org >

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pub 4096R/7D81BFC724F0CF16 2015-10-05 [expires: 2020-10-03]  
Key fingerprint = 9523 41A8 77DD 42EE A950 06DB 7D81 BFC7 24F0 CF16  
uid Daniel Gerzo <danger@rulez.sk>  
uid Daniel Gerzo <dgerzo@gmail.com>  
uid Daniel Gerzo <gerzo@syscare.sk>  
uid Daniel Gerzo <danger@FreeBSD.org>  
sub 4096R/777D8003C7546767 2015-10-05 [expires: 2020-10-03]
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3.145. Simon J. Gerraty <sjg@FreeBSD.org>

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pub 1024D/B6CC76BF 2002-06-12
    Key fingerprint = F3BA D6CB E1F8 02EA 705F BCAD 6125 F840 B6CC 76BF
uid Simon J. Gerraty <sjg@crufty.net>
uid Simon J. Gerraty <sjg@juniper.net>
uid Simon J. Gerraty <sjg@NetBSD.org>
uid Simon J. Gerraty <sjg@FreeBSD.org>
sub 1024g/D94B72B9 2002-06-12

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3.146. Justin T. Gibbs <gibbs@FreeBSD.org>

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pub      2048R/45A4FC2F 2012-02-10
          Key fingerprint = B98A C3AB 412B 094B D6FE E713 FA5A 1E30 45A4 FC2F
uid      Justin T. Gibbs <gibbs@FreeBSD.org>
uid      Justin T. Gibbs <gibbs@FreeBSDFoundation.org>
uid      Justin T. Gibbs <gibbs@scsiguy.com>
sub      2048R/AF6927F8 2012-02-10

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-----END PGP PUBLIC KEY BLOCK-----
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3.147. Pedro Giffuni <pfg@FreeBSD.org >

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pub  rsa2048/CD6B0B96CEF22D04 2015-04-24
      Key fingerprint = DE2D A4F4 C66E DE0F D41E EB70 CD6B 0B96 CEF2 2D04
uid  Pedro Giffuni <pfg@FreeBSD.org>
sub  rsa2048/5D98460191310FC9 2015-04-24
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-----END PGP PUBLIC KEY BLOCK-----

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3.148. Palle Girgensohn <girgen@FreeBSD.org >

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pub      2048R/4A6BAAAD 2012-02-23 [expires: 2016-02-23]
         Key fingerprint = BD8C 332C E630 31D6 2FDB 80BD 5FF2 A161 4A6B AAAD
uid      Palle Girgensohn <girgen@pingpong.net>
uid      [jpeg image of size 8260]
uid      Palle Girgensohn <girgen@FreeBSD.org>
sub      2048R/6BC41243 2012-02-23 [expires: 2016-02-23]

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Comment: GPGTools - http://gpgtools.org

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3.149. Eugene Grosbein <eugen@FreeBSD.org >

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pub      rsa2048/8455C3737D4754CA 2017-03-07 [SC] [expires: 2020-03-06]

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Key fingerprint = 372B 1367 8667 4CDB BF9C F66E 8455 C373 7D47 54CA
uid      Eugene Grosbein <eugen@grosbein.net>
sub      rsa2048/B9B1FD511F8AE904 2017-03-07 [E] [expires: 2020-03-06]
sub      rsa2048/B0CD1AF226988B28 2017-03-07 [S] [expires: 2020-03-06]

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3.150. Philip M. Gollucci <pgollucci@FreeBSD.org >

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pub      4096R/D21D2752 2013-07-21
Key fingerprint = ECDF B597 B54B 7F92 753E E0EA F699 A450 D21D 2752
uid      Philip M. Gollucci (Sedan Magic) <pgollucci@sedanmagic.com>
uid      Philip M. Gollucci (P6M7G8 Inc.) <pgollucci@p6m7g8.com>

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uid Philip M. Gollucci (FreeBSD Foundation) <pgollucci@freebsd.org>
uid Philip M. Gollucci (Apache Software Foundation) <pgollucci@apache.org>
uid Philip M. Gollucci (Taxi Magic) <pgollucci@taximagic.com>
uid Philip M. Gollucci (RideCharge Inc.) <pgollucci@ridecharge.com>
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3.151. Mikolaj Golub <trociny@FreeBSD.org>

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    Key fingerprint = 4EC9 5FD7 9614 A09F C767 47D6 64D9 C65A 9F9A F711  
uid  Mykola Golub <trociny@freebsd.org>  
uid  Mykola Golub (to my, trociny) <to.my.trociny@gmail.com>  
sub  rsa4096/42A03C1B23B2E90A 2016-08-21 [E]
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3.152. Danilo Egêa Gondolfo <danilo@FreeBSD.org>

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pub  rsa4096/8586A54720E27246 2015-10-19 [expires: 2018-10-18]
      Key fingerprint = 691E 7D8F 6521 8237 8EB1 1173 8586 A547 20E2 7246
uid   Danilo Egêa Gondolfo <daniloegea@yahoo.com.br>
uid   Danilo Egêa Gondolfo <danilo@FreeBSD.org>
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sub  rsa4096/C2F847657133F473 2015-10-19 [expires: 2018-10-18]
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-----END PGP PUBLIC KEY BLOCK-----

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3.153. Dmitri Goutnik <dmgk@FreeBSD.org >

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pub  rsa4096/C197B67CEBE20ECD 2013-09-16 [SC] [expires: 2022-01-01]
     Key fingerprint = 955D 6EAF 0CDD 2551 9748 6DDD C197 B67C EBE2 0ECD
uid  Dmitri Goutnik <dg@syrec.org>
uid  Dmitri Goutnik <dmgk@FreeBSD.org>
sub  rsa4096/DFDF96A52CB71862 2013-09-16 [E] [expires: 2022-01-01]

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-----END PGP PUBLIC KEY BLOCK-----

3.154. Daichi GOTO <daichi@FreeBSD.org >

```
pub 1024D/09EBADD6 2002-09-25 Daichi GOTO <daichi@freebsd.org>
    Key fingerprint = 620A 9A34 57FB 5E93 0828 28C7 C360 C6ED 09EB ADD6
sub 1024g/F0B1F1CA 2002-09-25
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Version: GnuPG v1.2.0 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.155. Marcus Alves Grando <mnag@FreeBSD.org >

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pub 1024D/CDCC273F 2005-09-15 [expires: 2010-09-14]
    Key fingerprint = 57F9 DEC1 5BBF 06DE 44A5 9A4A 8BEE 5F3A CDCC 273F
uid Marcus Alves Grando <marcus@sbh.eng.br>
uid Marcus Alves Grando <marcus@corp.grupos.com.br>
uid Marcus Alves Grando <mnag@FreeBSD.org>
sub 2048g/698AC00C 2005-09-15 [expires: 2010-09-14]
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Version: GnuPG v1.4.2 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.156. Peter Grehan <grehan@FreeBSD.org >

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pub 1024D/EA45EA7D 2004-07-13 Peter Grehan <grehan@freebsd.org>
Key fingerprint = 84AD 73DC 370E 15CA 7556 43C8 F5C8 4450 EA45 EA7D
sub 2048g/0E122D70 2004-07-13
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-----END PGP PUBLIC KEY BLOCK-----
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3.157. Jamie Gritton <jamie@FreeBSD.org >

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pub 1024D/8832CB7F 2009-01-29
Key fingerprint = 34F8 1E62 C7A5 7CB9 A91F 7864 8C5A F85E 8832 CB7F
uid James Gritton <jamie@FreeBSD.org>
sub 2048g/94E3594D 2009-01-29
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3.158. Adriaan de Groot <adridg@FreeBSD.org >

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pub   rsa4096/7FEA3DA6169C77D6 2016-06-11 [SC] [expires: 2021-02-24]
      Key fingerprint = 00AC D15E 25A7 9FEE 028B 0EE5 7FEA 3DA6 169C 77D6
uid   Adriaan de Groot <groot@kde.org>
uid   Adriaan de Groot <adriaan@bionictimton.org>
uid   Adriaan de Groot <adridg@freebsd.org>
sub   rsa4096/5A80DEF53ED6FFB2 2019-06-13 [S] [expires: 2020-06-12]
      Key fingerprint = 52AF A9BE E0FE 37CF EF55 6FBE 5A80 DEF5 3ED6 FFB2
sub   rsa4096/8A6094B85BAE0201 2019-06-13 [E] [expires: 2020-06-12]
      Key fingerprint = FC46 53B3 31F0 5654 EC12 D663 8A60 94B8 5BAE 0201

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3.159. Edwin Groothuis <edwin@FreeBSD.org >

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pub 2048R/C593B37A 2013-11-02 [expires: 2017-11-02]
    Key fingerprint = 7046 C56A A497 73C6 096C 3F50 11C4 8287 C593 B37A
uid                               Edwin Groothuis <edwin@freebsd.org>
sub 2048R/731E3D42 2013-11-02 [expires: 2017-11-02]
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Version: GnuPG/MacPGP2 v2.0.22 (Darwin)
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Comment: GPGTools - <https://gpgtools.org>

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3.160. William Grzybowski <wg@FreeBSD.org >

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pub 2048R/CFC460C5 2012-09-28
    Key fingerprint = FC40 5CD8 0879 7F50 0036 D924 D9F7 8B27 CFC4 60C5
uid      William Grzybowski (FreeBSD) <wg@freebsd.org>
uid      William Grzybowski <william88@gmail.com>
sub 2048R/05577997 2012-09-28
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3.161. Barbara Guida <bar@FreeBSD.org >

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pub      2048R/3DF5F750 2012-11-13
          Key fingerprint = D367 F6C8 2A5F 2921 70D2 B446 27DD 6FD6 3DF5 F750
uid      Barbara Guida <bar@FreeBSD.org>
uid      Barbara Guida <barbara.freebsd@gmail.com>
sub      2048R/1DF7506C 2012-11-13
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3.162. Anish Gupta <anish@FreeBSD.org >

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pub      rsa2048/032E006E119E57D4 2016-02-21 [expires: 2019-02-20]
          Key fingerprint = B6BC 1DA5 54F7 1115 CF3B 350E 032E 006E 119E 57D4
uid      Anish Gupta <anish@freebsd.org>
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sub rsa2048/668CCACEEDAAC016 2016-02-21 [expires: 2019-02-20]

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3.163. John-Mark Gurney <jmg@FreeBSD.org >

pub 4096R/205F0B33DD006ADA 2018-08-10 [expires: 2021-08-09]
Key fingerprint = 60B5 E4F1 3C76 206C 6120 0B60 205F 0B33 DD00 6ADA
uid John-Mark Gurney <jmg@jmgurney.com>
uid John-Mark Gurney <jmg@FreeBSD.org>
uid John-Mark Gurney <jmg@funkthat.com>
sub 4096R/7631CA65202DC355 2018-08-10 [expires: 2021-08-09]

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3.164. Mateusz Guzik <mjg@FreeBSD.org >

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pub      2048R/21489259 2012-06-03
Key fingerprint = 3A9F 25FF ABF6 BB23 5C70 C61B 96D3 5178 2148 9259
uid      Mateusz Guzik <mjg@freebsd.org>
sub      2048R/EA19FE8D 2012-06-03

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3.165. Jason E. Hale <jhale@FreeBSD.org >

```
pub 3072D/8F2E5907 2012-09-07  
Key fingerprint = 009C 54BF 32D0 F373 8126 C8A1 D8DD 2CA4 8F2E 5907  
uid Jason E. Hale <jhale@FreeBSD.org>  
uid Jason E. Hale <bsdcaffee@gmail.com>  
sub 4096g/7081A001 2012-09-07
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-----END PGP PUBLIC KEY BLOCK-----

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3.166. Jason A. Harmening <jah@FreeBSD.org >

```

pub  rsa2048/BB9F8BF992841D1B 2015-03-09 [expires: 2018-03-08]
      Key fingerprint = D6F7 142D E415 8182 FFC5 E685 BB9F 8BF9 9284 1D1B
uid  Jason A. Harmening <jah@FreeBSD.org>
uid  Jason A. Harmening <jason.harmening@gmail.com>
sub  rsa2048/65B797684FD3EC2F 2015-03-09 [expires: 2018-03-08]

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----
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3.167. Daniel Harris <dannyboy@FreeBSD.org >

```
pub 1024D/84D0D7E7 2001-01-15 Daniel Harris <dannyboy@worksforfood.com>
Key fingerprint = 3C61 B8A1 3F09 D194 3259 7173 6C63 DA04 84D0 D7E7
uid Daniel Harris <dannyboy@freebsd.org>
uid Daniel Harris <dh@askdh.com>
uid Daniel Harris <dh@wordassault.com>
sub 1024g/9DF0231A 2001-01-15
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.7 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
```

3.168. Daniel Hartmeier <dhartmei@FreeBSD.org >

```
pub 1024R/6A3A7409 1994-08-15 Daniel Hartmeier <dhartmei@freebsd.org>  
Key fingerprint = 13 7E 9A F3 36 82 09 FE FD 57 B8 5C 2B 81 7E 1F
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-----END PGP PUBLIC KEY BLOCK-----
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3.169. Oliver Hauer <ohauer@FreeBSD.org >

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pub 2048R/5D008F1A 2010-07-26  
Key fingerprint = E9EE C9A5 EB4C BD29 74D7 9178 E56E 06B3 5D00 8F1A  
uid olli hauer <ohauer@FreeBSD.org>  
uid olli hauer <ohauer@gmx.de>  
sub 2048R/5E25776E 2010-07-26
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-----END PGP PUBLIC KEY BLOCK-----
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3.170. Emanuel Haupt <ehaupt@FreeBSD.org >

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pub  rsa2048/104E62C545316E89 2016-01-30 [SC] [expires: 2022-01-07]
      Key fingerprint = D9F1 1649 6964 99EA ADBF D1C4 104E 62C5 4531 6E89
uid  Emanuel Haupt <ehaupt@FreeBSD.org>
sub  rsa2048/AB8EF8AD753A7017 2016-01-30 [E] [expires: 2019-01-29]
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mNkMBsKkSe81wdAbV6hrA+FZiw==
=OFDB
-----END PGP PUBLIC KEY BLOCK-----
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3.171. John Hay <jhay@FreeBSD.org >

```
pub  2048R/A9275B93 2000-05-10 John Hay <jhay@icomtek.csir.co.za>
      Key fingerprint = E7 95 F4 B9 D4 A7 49 6A 83 B9 77 49 28 9E 37 70
uid  John Hay <jhay@mikom.csir.co.za>
uid  Thawte Freemail Member <jhay@mikom.csir.co.za>
uid  John Hay <jhay@csir.co.za>
uid  John Hay <jhay@FreeBSD.ORG>
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

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3.172. Björn Heidotting <bhd@FreeBSD.org >

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pub  ed25519/DFBD53FF728C751A 2019-12-12 [SC] [expires: 2022-12-11]
     Key fingerprint = F395 DC8B C1E8 CB8C 548B 027D DFBD 53FF 728C 751A
uid  Bjoern Heidotting <b.heidotting@yahoo.com>
uid  Bjoern Heidotting <bhd@FreeBSD.org>
sub  cv25519/C3D9E2FA95FF7258 2019-12-12 [E] [expires: 2022-12-11]
     Key fingerprint = 3E35 C128 72DF 7464 CDFE A8A4 C3D9 E2FA 95FF 7258

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3.173. Sheldon Hearn <sheldonh@FreeBSD.org>

```
pub 1024D/74A06ACD 2002-06-20 Sheldon Hearn <sheldonh@starjuice.net>
    Key fingerprint = 01A3 EF91 9C5A 3633 4E01 8085 A462 57F1 74A0 6ACD
sub 1536g/C42F8AC8 2002-06-20
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.174. Mike Heffner <mikeh@FreeBSD.org>

```
pub 1024D/CDECBF99 2001-02-02 Michael Heffner <mheffner@novacoxmail.com>
    Key fingerprint = AFAB CCEB 68C7 573F 5110 9285 1689 1942 CDEC BF99
uid                               Michael Heffner <mheffner@vt.edu>
uid                               Michael Heffner <mikeh@FreeBSD.org>
uid                               Michael Heffner <spock@techfour.net>
uid                               Michael Heffner (ACM sysadmin) <mheffner@acm.vt.edu>
sub 1024g/3FE83FB5 2001-02-02
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.175. Martin Heinen <mheinen@FreeBSD.org >

```
pub 1024D/116C5C85 2002-06-17 Martin Heinen <mheinen@freebsd.org>
Key fingerprint = C898 3FCD EEA0 17ED BEA9 564D E5A6 AFF2 116C 5C85
uid Martin Heinen <martin@sumuk.de>
sub 1024g/EA67506B 2002-06-17
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

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3.176. Niels Heinen <niels@FreeBSD.org >

```

pub 1024D/5FE39B80 2004-12-06 Niels Heinen <niels.heinen@ubizen.com>
    Key fingerprint = 75D8 4100 CF5B 3280 543F 930C 613E 71AA 5FE3 9B80
uid                               Niels Heinen <niels@defaced.be>
uid                               Niels Heinen <niels@heinen.ws>
uid                               Niels Heinen <niels@FreeBSD.org>
sub 2048g/057F4DA7 2004-12-06

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3.177. Jaakko Heinonen <jh@FreeBSD.org >

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pub 2048R/F9A44D24949D44A4 2014-09-23 [expires: 2017-09-22]
    Key fingerprint = 2DFD B93A C98C A47A 6920 1FDB F9A4 4D24 949D 44A4
uid                               Jaakko Heinonen (FreeBSD) <jh@FreeBSD.org>
sub 2048R/724C087956D7D3CB 2014-09-23 [expires: 2017-09-22]

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-----END PGP PUBLIC KEY BLOCK-----
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3.178. Jason Helfman <jgh@FreeBSD.org >

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pub 2048R/4150D3DC 2011-12-18 [expires: 2021-12-15]
Key fingerprint = 8E0D C457 9A0F C91C 23F3 0454 2059 9A63 4150 D3DC
uid Jason Helfman <jgh@FreeBSD.org>
sub 2048R/695B1B92 2011-12-18 [expires: 2021-12-15]
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3.179. Guy Helmer <ghelmer@FreeBSD.org >

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pub 2048R/8F1CEBC4 2012-05-22
    Key fingerprint = 483E 9E6C C644 2520 C9FE 4E87 9989 CCAF 8F1C EBC4
uid          Guy Helmer <guy.helmer@palisadesystems.com>
uid          Guy Helmer <guy.helmer@gmail.com>
uid          Guy Helmer <ghelmer@freebsd.org>
sub 2048R/2073E3F8 2012-05-22

pub 1024R/35F4ED2D 1997-01-26 Guy G. Helmer <ghelmer@freebsd.org>
    Key fingerprint = A2 59 4B 92 02 5B 9E B1 B9 4E 2E 03 29 D5 DC 3A
uid          Guy G. Helmer <ghelmer@cs.iastate.edu>
uid          Guy G. Helmer <ghelmer@palisadesys.com>

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Comment: GPGTools - <http://gpgtools.org>

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-----END PGP PUBLIC KEY BLOCK-----

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3.180. Maxime Henrion <mux@FreeBSD.org >

```
pub 1024D/881D4806 2003-01-09 Maxime Henrion <mux@FreeBSD.org>
    Key fingerprint = 81F1 BE2D 12F1 184A 77E4 ACD0 5563 7614 881D 4806
sub 2048g/D0B510C0 2003-01-09
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.1 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.181. Wen Heping <wen@FreeBSD.org >

```
pub 2048R/A03F07DA 2012-12-10
    Key fingerprint = 0258 F2C7 C123 E627 9E14 B4BA 270F 30AA A03F 07DA
uid Wen Heping (wen) <wen@FreeBSD.org>
sub 2048R/CFC8D6A9 2012-12-10
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-----END PGP PUBLIC KEY BLOCK-----
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3.182. Dennis Herrmann <dhn@FreeBSD.org >

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pub 4096R/F7CDCAA1 2012-08-26
Key fingerprint = 0587 E730 68A6 2646 A991 505D CD9B 3A87 F7CD CAA1
uid Dennis 'dhn' Herrmann (Everybody wants to go to heaven, but nobody
wants to die) <dhn@FreeBSD.org>
sub 4096R/0A6D554F 2012-08-26
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-----END PGP PUBLIC KEY BLOCK-----
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3.183. Justin Hibbits <jhibbits@FreeBSD.org >

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pub      2048R/37BE2DB9 2011-12-01
          Key fingerprint = 8A12 7064 4F3D 339A 191D AD52 30C7 858E 37BE 2DB9
uid      Justin Hibbits <chmeedalf@gmail.com>
uid      Justin Hibbits <jhibbits@freebsd.org>
uid      Justin Hibbits <jrh29@alumni.cwru.edu>
sub      2048R/A8DA156F 2011-12-01
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-----END PGP PUBLIC KEY BLOCK-----
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3.184. John Hixson <jhixson@FreeBSD.org >

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pub  rsa4096/46A96305BFE23D40 2018-07-23 [SC] [expires: 2023-07-22]
      Key fingerprint = 25A0 2CC1 0650 31F9 4274 203A 46A9 6305 BFE2 3D40
uid   John Hixson <john@ixsystems.com>
uid   John Hixson <jhixson@FreeBSD.org>
uid   John Hixson <jhixson@gmail.com>
uid   John Hixson <john@freenas.org>
uid   John Hixson <john@trueos.org>
sub  rsa4096/BA881F39D4C7DB9F 2018-07-23 [E] [expires: 2023-07-22]
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3.185. Peter Holm <pho@FreeBSD.org >

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pub 1024D/CF244E81 2008-11-17
Key fingerprint = BE9B 32D8 89F1 F285 00E4 E4C5 EF3F B4B5 CF24 4E81
uid Peter Holm <pho@FreeBSD.org>
sub 2048g/E20A409F 2008-11-17
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3.186. Mitchell Horne <mhorne@FreeBSD.org >

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pub  rsa2048/8BF8274CE75489DF 2019-03-21 [SC] [expires: 2022-03-20]
      Key fingerprint = 929F DC60 F71F 69B0 2242 F002 8BF8 274C E754 89DF
uid  Mitchell Horne <mhorne@FreeBSD.org>
sub  rsa2048/3B7575001B0E97C1 2019-03-21 [E] [expires: 2022-03-20]
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3.187. Bradley T. Hughes <bhughes@FreeBSD.org>

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pub  rsa2048/B12E03CA55A31C15 2017-05-29 [SC] [expires: 2020-05-28]
     Key fingerprint = 9580 065C 49C1 ED72 1F6D 56BA B12E 03CA 55A3 1C15
uid                               Bradley T. Hughes <bhughes@freebsd.org>
uid                               Bradley T. Hughes <bradleythughes@fastmail.fm>
sub  rsa2048/427A7C7D32CF6EBC 2017-05-29 [E] [expires: 2020-05-28]
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3.188. Michael Landin <mich@FreeBSD.org>

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pub  rsa2048/7E7525E01CB36065 2016-08-09 [SC] [expires: 2019-08-09]
     Key fingerprint = 5D1D BE96 AD39 8E71 6E77 B0D8 7E75 25E0 1CB3 6065
uid                               Michael Landin <mich@prodnet.eu>
uid                               Michael Landin <mich@FreeBSD.org>
sub  rsa2048/63B98AE69C6F5A08 2016-08-09 [E] [expires: 2019-08-09]
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3.189. Po-Chuan Hsieh <sunpoet@FreeBSD.org >

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pub ed25519/9A4BD10F002DD04B 2018-12-31 [SC]
Key fingerprint = 6448 C1A7 A9BE 24CC 868E DE72 9A4B D10F 002D D04B
uid Po-Chuan Hsieh <sunpoet@sunpoet.net>
uid Po-Chuan Hsieh <sunpoet@FreeBSD.org>
sub cv25519/E33F6551F35D4BAE 2018-12-31 [E]
Key fingerprint = 2835 0E57 A5C2 A5B7 69E5 B3E9 E33F 6551 F35D 4BAE
sub ed25519/D49B456A2CEB429C 2018-12-31 [A]
Key fingerprint = 5C17 4004 710B 9F3C 1D53 E2DD D49B 456A 2CEB 429C
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3.190. Li-Wen Hsu <lwhsu@FreeBSD.org >

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pub   rsa4096/B2EF8695EA4E8397 2018-07-04 [C] [expires: 2021-07-03]
      Key fingerprint = 6445 3195 B651 260F E643 8D4B B2EF 8695 EA4E 8397
uid   Li-Wen Hsu <lwhsu@lwhsu.org>
uid   Li-Wen Hsu <lwhsu@FreeBSD.org>
sub   rsa4096/8D7BCC7D012FD37E 2018-07-04 [S] [expires: 2021-07-03]
      Key fingerprint = C097 BEAE 9A2B 31BB A032 6F28 8D7B CC7D 012F D37E
sub   rsa4096/6A9C848810D38D2C 2018-07-04 [E] [expires: 2021-07-03]
      Key fingerprint = 6386 BABC 276C 3BA2 FA97 36D5 6A9C 8488 10D3 8D2C
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=D72N
-----END PGP PUBLIC KEY BLOCK-----

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3.191. Howard F. Hu <foxfair@FreeBSD.org >

```

pub 1024D/4E9BCA59 2003-09-01 Foxfair Hu <foxfair@FreeBSD.org>
Key fingerprint = 280C A846 CA1B CAC9 DDCF F4CB D553 4BD5 4E9B CA59
uid Foxfair Hu <foxfair@drago.fomokka.net>
uid Howard Hu <howardhu@yahoo-inc.com>
sub 1024g/3356D8C1 2003-09-01

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-----END PGP PUBLIC KEY BLOCK-----

3.192. Wei Hu <whu@FreeBSD.org >

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pub  rsa2048/E6001C673CCD08F7 2015-02-27
      Key fingerprint = 351D AC21 7E16 BC06 7CA0 7705 E600 1C67 3CCD 08F7
uid  Wei Hu <whu@FreeBSD.org>
sub  rsa2048/0C7F6F103AAA0465 2015-02-27
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3.193. Chin-San Huang <chinsan@FreeBSD.org >

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pub 1024D/350EECFa 2006-10-04
    Key fingerprint = 1C4D 0C9E 0E68 DB74 0688 CE43 D2A5 3F82 350E ECFA
uid          Chin-San Huang (lab) <chinsan@chinsan2.twbbs.org>
uid          Chin-San Huang (FreeBSD committer) <chinsan@FreeBSD.org>
uid          Chin-San Huang (Gmail) <chinsan.tw@gmail.com>
sub 2048g/35F75A30 2006-10-04
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3.194. Stephen Hurd <shurd@FreeBSD.org >

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pub 2048R/B3B5A1B498CE5CD0 2014-06-11 [expires: 2017-06-10]
    Key fingerprint = CA52 12EE 760A BCAA 0D5E 2974 B3B5 A1B4 98CE 5CD0
uid          Stephen Hurd <shurd@FreeBSD.org>
sub 2048R/DA5C47503253C094 2014-06-11 [expires: 2017-06-10]
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=EUs+
-----END PGP PUBLIC KEY BLOCK-----
```

3.195. Ilya Bakulin <kibab@FreeBSD.org >

```
pub  rsa2048/4A2622C9259821D3 2017-09-11 [SC] [   годен до: 2020-09-10]
      Отпечаток ключа = AC40 A187 F282 7D82 56B8 25DE 4A26 22C9 2598 21D3
uid  Ilya Bakulin <kibab@FreeBSD.org>
sub  rsa2048/5809B95B45328612 2017-09-11 [E] [   годен до: 2020-09-10]
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3.196. Davide Italiano <davide@FreeBSD.org >

```
pub 2048R/4CB47484 2012-01-17
    Key fingerprint = B5C9 77F5 1E67 D110 8D19 7587 EB95 EA82 4CB4 7484
uid          Davide Italiano <davide@FreeBSD.org>
sub 2048R/91F7443D 2012-01-17
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3.197. Jordan K. Hubbard <jkh@FreeBSD.org >

```
pub 1024R/8E542D5D 1996-04-04 Jordan K. Hubbard <jkh@FreeBSD.org>
    Key fingerprint = 3C F2 27 7E 4A 6C 09 0A 4B C9 47 CD 4F 4D 0B 20
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Version: GnuPG v1.0.6 (FreeBSD)
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Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.198. Sevan Janiyan <sevan@FreeBSD.org >

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pub 4096R/C82DCB40533F4B3B 2015-06-12 [expires: 2019-06-12]
Key fingerprint = 9708 31B8 09EB F7C3 8AB8 176F C82D CB40 533F 4B3B
uid Sevan Janiyan <venture37@geeklan.co.uk>
uid venture37 <venture37@geeklan.co.uk>
uid Sevan Janiyan <sevan@netbsd.org>
uid Sevan Janiyan <sevan@FreeBSD.org>
sub 4096R/8CE29DC290191806 2015-06-12 [expires: 2019-06-12]
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3.199. Konrad Jankowski <versus@FreeBSD.org >

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pub 1024D/A01C218A 2008-10-28  
Key fingerprint = A805 21DC 859F E941 D2EA 9986 2264 8E5D A01C 218A  
uid Konrad Jankowski <versus@freebsd.org>  
sub 2048g/56AE1959 2008-10-28
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3.200. Kurt Jaeger <pi@FreeBSD.org >

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pub 4096R/2A4392E050E8798D 2014-04-24 [expires: 2022-06-18]  
Key fingerprint = FD38 1F8F 1360 2A49 26D4 4CF3 2A43 92E0 50E8 798D  
uid Kurt Jaeger <pi@FreeBSD.org>  
sub 4096R/2FC3A793B283D724 2014-04-24 [expires: 2022-06-18]
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-----END PGP PUBLIC KEY BLOCK-----
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3.201. Weongyo Jeong <weongyo@FreeBSD.org >

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pub 1024D/22354D7A 2007-12-28
Key fingerprint = 138E 7115 A86F AA40 B509 5883 B387 DCE9 2235 4D7A
uid Weongyo Jeong <weongyo.jeong@gmail.com>
uid Weongyo Jeong <weongyo@freebsd.org>
sub 2048g/9AE6DAEE 2007-12-28
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3.202. Peter Jeremy <peterj@FreeBSD.org >

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pub   rsa4096/1D9214A2699F8CB2 2014-03-11 [SC] [expires: 2020-03-20]
      Key fingerprint = D8CE A5F2 F7C8 78E0 0297 8B94 1D92 14A2 699F 8CB2
uid   Peter Jeremy (preferred) <peter@rulingia.com>
uid   Peter Jeremy <peter.jeremy@aug.org.au>
uid   Peter Jeremy <peterj@freebsd.org>
uid   Peter Jeremy <peterjeremy@acm.org>
uid   [jpeg image of size 4183]
sub   rsa4096/E0E07EC247C92CA8 2014-03-11 [E] [expires: 2020-03-20]
sub   rsa4096/16A597A0E4A20B34 2014-03-12 [S] [expires: 2020-03-20]
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tIMdxfiV3EhnBsQGNX+zrZ/QxyhAA0nXPjB/gtoJEB2SFKJpn4yy6nEP/03xQ86Z
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zZieecDE051S5ECPSPFF4nSrdMJlutTiQWsu
=p1g0
-----END PGP PUBLIC KEY BLOCK-----
```

3.203. Tatuya JINMEI <jinmei@FreeBSD.org >

```
pub 1024D/ABA82228 2002-08-15
    Key fingerprint = BB70 3050 EE39 BE00 48BB A5F3 5892 F203 ABA8 2228
uid JINMEI Tatuya <jinmei@FreeBSD.org>
uid JINMEI Tatuya <jinmei@jinmei.org>
uid JINMEI Tatuya (the KAME project) <jinmei@isl.rdc.toshiba.co.jp>
sub 1024g/8B43CF66 2002-08-15
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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mQGibD1b+Q4RBACetpZD+bWytVmQ3Itmu0ZBfSDF6FVyUQuKS30ZmvsZHxxqq1+u
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=ISn8
-----END PGP PUBLIC KEY BLOCK-----
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3.204. Michael Johnson <ahze@FreeBSD.org >

```
pub 1024D/3C046FD6 2004-10-29 Michael Johnson (FreeBSD key) <ahze@FreeBSD.org>
    Key fingerprint = 363C 6ABA ED24 C23B 5F0C 3AB4 9F8B AA7D 3C04 6FD6
uid Michael Johnson (pgp key) <ahze@ahze.net>
sub 2048g/FA334AE3 2004-10-29
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Ilhg1mVq6A==
=I7wA
-----END PGP PUBLIC KEY BLOCK-----
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3.205. Mark Johnston <markj@FreeBSD.org >

```
pub  rsa4096/D5F19F287539B0D9 2015-06-27 [expires: 2020-06-25]
      Key fingerprint = B35E AF99 18C4 36C8 1746 A8EB D5F1 9F28 7539 B0D9
uid   Mark Johnston <markj@FreeBSD.org>
sub   rsa4096/A41F65E8198861C5 2015-06-27 [expires: 2020-06-25]
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-----BEGIN PGP PUBLIC KEY BLOCK-----

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=Lmpv
-----END PGP PUBLIC KEY BLOCK-----
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3.206. Trevor Johnson <trevor@FreeBSD.org >

```
pub 1024D/3A3EA137 2000-04-20 Trevor Johnson <trevor@ppj.net>
Key fingerprint = 7ED1 5A92 76C1 FFCB E5E3 A998 F037 5A0B 3A3E A137
sub 1024g/46C24F1E 2000-04-20
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.207. Tom Jones <thj@FreeBSD.org >

```
pub rsa4096/F93797EE461CFB44 2018-04-04 [SC] [expires: 2021-04-07]
```

```
Key fingerprint = 04C3 7D94 BE2F A7D5 97CE B2DA F937 97EE 461C FB44
uid Tom Jones <tom@erg.abdn.ac.uk>
uid Tom Jones <tj@enoti.me>
uid Tom Jones <thj@freebsd.org>
uid Tom Jones <jones@sdf.org>
sub rsa4096/2C283C90C65B3DC2 2018-04-04 [S] [expires: 2021-04-07]
sub rsa4096/45D8110A5EF36A69 2018-04-04 [E] [expires: 2021-04-07]
sub rsa4096/74C5F04C84C07FEA 2018-04-04 [A] [expires: 2021-04-07]
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3.208. Matt Joras <mjoras@FreeBSD.org >

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pub  rsa2048/2C6A6CC114C8452F 2017-07-20 [SC] [expires: 2020-07-19]
     Key fingerprint = 09D6 82BA 15B1 C6E5 FFF1 6CBE 2C6A 6CC1 14C8 452F
uid  Matt Joras <mjoras@FreeBSD.org>
sub  rsa2048/6E246E33D1C375F3 2017-07-20 [E] [expires: 2020-07-19]
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3.209. Eric Joyner <erj@FreeBSD.org >

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    Key fingerprint = C5FA EC74 96D2 C61B C548 FA37 96F0 C6FD 61E0 5DE3
uid Eric Joyner <erj@erj.cc>
uid Eric Joyner <eric.joyner@intel.com>
uid Eric Joyner <erj@freebsd.org>
uid Eric Joyner <riceral0@gmail.com>
uid [jpeg image of size 5419]
sub rsa4096/D2427EB089BCF21B 2015-01-28 [E] [expires: 2021-02-05]
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3.211. Tom Judge <tj@FreeBSD.org >

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pub 2048R/81E22216 2012-05-27 [expires: 2017-05-26]
    Key fingerprint = 8EF8 36C8 44A6 9576 6ADB EB0E 4252 33DC 81E2 2216
uid                               Tom Judge <tom@tomjudge.com>
uid                               Tom Judge <tjudge@sourcefire.com>
uid                               Tom Judge <tj@freebsd.org>
sub 2048R/2CA4AA0D 2012-05-27 [expires: 2017-05-26]
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-----END PGP PUBLIC KEY BLOCK-----

3.212. Alexander Kabaev <kan@FreeBSD.org >


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3.213. Benjamin Kaduk <bjk@FreeBSD.org >

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pub 3104R/28D9A6F364EB7512 2013-12-24 [expires: 2015-12-24]
Key fingerprint = D961 95E0 4D80 45FF 4160 FD17 28D9 A6F3 64EB 7512
uid Benjamin Kaduk <bjk@FreeBSD.org>
uid Benjamin Kaduk <kaduk@mit.edu>
sub 3104R/BE2F61FDB528443D 2013-12-24 [expires: 2015-12-24]
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3.214. Poul-Henning Kamp <phk@FreeBSD.org >

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3.215. Sergey Kandaurov <pluknet@FreeBSD.org >

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pub 2048R/10607419 2010-10-04
Key fingerprint = 020B EC25 7E1F 8BC5 C42C 513B 3F4E 97BA 1060 7419
uid Sergey Kandaurov (freebsd) <pluknet@freebsd.org>
uid Sergey Kandaurov <pluknet@gmail.com>
sub 2048R/5711F73B 2010-10-04
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3.216. Coleman Kane <cokane@FreeBSD.org >

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pub 1024D/C5DAB797 2007-07-22
     Key fingerprint = FC09 F326 4318 E714 DE45 6CB0 70C4 B141 C5DA B797
uid          Coleman Kane (Personal PGP Key) <cokane@cokane.org>
uid          Coleman Kane (Personal PGP Key) <cokane@FreeBSD.org>
sub 2048g/5C680129 2007-07-22

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3.217. Mike Karels <karels@FreeBSD.org >

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pub  rsa2048/8CCF69ECC5CF284F 2016-06-16 [SC] [expires: 2022-08-31]
      Key fingerprint = EAB9 5249 B48A A991 130D 6746 8CCF 69EC C5CF 284F
uid  Michael Karels <karels@freebsd.org>
sub  rsa2048/B4CE5C0549FFC668 2016-06-16 [E] [expires: 2022-08-31]
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3.218. Takenori KATO <kato@FreeBSD.org >

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uid  KATO Takenori <kato@FreeBSD.org>
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sub  4096R/1C593356 2012-10-02
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3.219. Josef Karthausser <joe@FreeBSD.org >

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pub 1024D/E6B15016 2000-10-19 Josef Karthausser <joe@FreeBSD.org>
Key fingerprint = 7266 8EAF 82C2 D439 5642 AC26 5D52 1C8C E6B1 5016
uid Josef Karthausser <joe@tao.org.uk>
uid Josef Karthausser <joe@uk.FreeBSD.org>
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uid [revoked] Josef Karthausser <joe@pavilion.net>
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sub 2048g/1178B692 2000-10-19

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see <http://www.gnupg.org>

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p5J1gj4xWykgTuA=
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-----END PGP PUBLIC KEY BLOCK-----
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3.220. Vinod Kashyap <vkashyap@FreeBSD.org >

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pub 1024R/04FCDD3 2004-02-19 Vinod Kashyap (gnupg key) <vkashyap@freebsd.org>
Key fingerprint = 9B83 0B55 604F E491 B7D2 759D DF92 DAA0 04FC CDD3
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mIsEQDQwdAEEANxnThVC8GN09VXTjWfhJh7XgMLHf9jDd0B1804WUqc3c76r8y/k
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3.221. Patrick Kelsey <pkelsey@FreeBSD.org >

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pub  rsa4096/ADE1EBB059F1D1CE 2017-06-05 [expires: 2020-06-04]
      Key fingerprint = EF68 C6CC 60E6 6C5A 7896 E925 ADE1 EBB0 59F1 D1CE
uid  Patrick J Kelsey <kelsey@ieee.org>
uid  Patrick J Kelsey <pkelsey@freebsd.org>
sub  rsa4096/E880A4E060DE2D08 2017-06-05 [expires: 2020-06-04]
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3.222. Piotr Kubaj <pkubaj@FreeBSD.org >

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pub  rsa2048/3CEB181743F18659 2019-04-15 [SC] [expires: 2022-04-14]
      Key fingerprint = 0096 5421 A659 CCD5 2A01 127A 3CEB 1817 43F1 8659
uid  Piotr Kubaj <pkubaj@FreeBSD.org>
sub  rsa2048/078ED20061C6926B 2019-04-15 [E] [expires: 2022-04-14]

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3.223. Kris Kennaway <kris@FreeBSD.org >

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pub  1024D/68E840A5 2000-01-14 Kris Kennaway <kris@citusc.usc.edu>
      Key fingerprint = E65D 0E7D 7E16 B212 1BD6 39EE 5ABC B405 68E8 40A5
uid  Kris Kennaway <kris@FreeBSD.org>
uid  Kris Kennaway <kris@obsecurity.org>
sub  2048g/03A41C45 2000-01-14 [expires: 2006-01-14]

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.224. Giorgos Keramidas <keramida@FreeBSD.org >

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3.225. Max Khon <fjoe@FreeBSD.org >

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pub      1024D/6E0FB494 2006-08-22
         Key fingerprint = F820 5AAF 7112 2CDD 23D8 3BDF 67F3 311A 6E0F B494
uid      Manolis Kiagias <manolis@FreeBSD.org>
uid      Manolis Kiagias <sonicy@otenet.gr>
uid      Manolis Kiagias (A.K.A. sonic, sonicy, sonic2000gr) <sonic@diktia.org>
dyndns.org>
sub      2048g/EB94B411 2006-08-22

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3.227. Stephen J. Kiernan <stevek@FreeBSD.org>

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pub      rsa4096/2EA3D5636556C92C 2016-06-10 [SC] [expires: 2019-06-10]
         Key fingerprint = BE84 33CF D6B9 9C8A C762 28ED 2EA3 D563 6556 C92C
uid      Stephen J. Kiernan <steve@novexsolutions.com>
uid      Stephen J. Kiernan <stevek@juniper.net>

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uid          Stephen J. Kiernan <steve@vegamuse.org>
uid          Stephen J. Kiernan <hackagadget@gmail.com>
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sub  rsa4096/822AD1C921AC180A 2016-06-10 [E] [expires: 2019-06-10]
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3.228. Jung-uk Kim <jkim@FreeBSD.org >

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pub 2048R/FCDBF146 2013-09-24 [expires: 2023-12-31]
    Key fingerprint = 9756 EA80 A691 CAA7 D65E EFC2 7C9F 9626 FCDB F146
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=apmV
-----END PGP PUBLIC KEY BLOCK-----

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3.229. Zack Kirsch <zack@FreeBSD.org >

```

pub 1024D/1A725562 2010-11-05 Zack Kirsch <zack@freebsd.org>
    Key fingerprint = A8CC AA5E FB47 A386 E757 A2B8 BDD2 0684 1A72 5562
sub 1024g/6BFE2C06 2010-11-05

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-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

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3.230. Jakub Klama <jceel@FreeBSD.org >


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pub 2048R/2AAEA67D 2011-09-27
    Key fingerprint = 40D6 097A 174F 511B 80EB F3A3 0946 4193 2AAE A67D
uid                               Jakub Klama <jceel@FreeBSD.org>
sub 2048R/5291BC4D 2011-09-27
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=Rt4u
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-----END PGP PUBLIC KEY BLOCK-----
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3.231. Andreas Klemm <andreas@FreeBSD.org>

```
pub 1024D/6C6F6CBA 2001-01-06 Andreas Klemm <andreas.klemm@eu.didata.com>
    Key fingerprint = F028 D51A 0D42 DD67 4109 19A3 777A 3E94 6C6F 6CBA
uid                               Andreas Klemm <andreas@klemm.gtn.com>
uid                               Andreas Klemm <andreas@FreeBSD.org>
uid                               Andreas Klemm <andreas@apsfilter.org>
sub 2048g/FE23F866 2001-01-06
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.232. Kai Knoblich <kai@FreeBSD.org >

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pub  rsa4096/F4B376E08A3D37EC 2019-01-30 [SC] [expires: 2022-01-29]
      Key fingerprint = 24B1 7A6D 0CF2 4E04 7BF5 FD9A F4B3 76E0 8A3D 37EC
uid   Kai Knoblich (kai@FreeBSD.org) <kai@FreeBSD.org>
sub  rsa4096/83AB0542BC2F64BC 2019-01-30 [E] [expires: 2022-01-29]
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-----END PGP PUBLIC KEY BLOCK-----
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3.233. Johann Koiss <jkoiss@FreeBSD.org >

```
pub 1024D/DD61C2D8 2004-06-27 Johann Koiss <J.Koiss@web.de>
    Key fingerprint = 8B70 03DB 3C45 E71D 0ED4 4825 FEB0 EBEB DD61 C2D8
uid                               Johann Koiss <jkoiss@freebsd.org>
sub 1024g/568307CB 2004-06-27
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3.234. Sergei Kolobov <sergei@FreeBSD.org >

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pub 1024D/3BA53401 2003-10-10 Sergei Kolobov <sergei@FreeBSD.org>
    Key fingerprint = A2F4 5F34 0586 CC9C 493A 347C 14EC 6E69 3BA5 3401
uid                               Sergei Kolobov <sergei@kolobov.com>
sub 2048g/F8243671 2003-10-10
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3.235. Vladimir Kondratyev <wulf@FreeBSD.org >

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pub  rsa2048/836BBE2070295F75 2017-05-02 [SC] [expires: 2020-05-01]
      Key fingerprint = 9309 C9AA 8988 C07F EC89 5125 836B BE20 7029 5F75
uid          Vladimir Kondratyev <vladimir@kondratyev.su>
uid          Vladimir Kondratyev <wulf@FreeBSD.org>
sub  rsa2048/0C710B4482108464 2017-05-02 [E] [expires: 2020-05-01]

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3.236. Maxim Konovalov <maxim@FreeBSD.org >

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pub 1024D/2C172083 2002-05-21 Maxim Konovalov <maxim@FreeBSD.org>
Key fingerprint = 6550 6C02 EFC2 50F1 B7A3 D694 ECF0 E90B 2C17 2083
uid Maxim Konovalov <maxim@macomnet.ru>
sub 1024g/F305DDCA 2002-05-21
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3.237. Taras Korenko <taras@FreeBSD.org >

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pub 1024D/8ACCC68B 2010-03-30
    Key fingerprint = 5128 2A8B 9BC1 A664 21E0 1E61 D838 54D3 8ACC C68B
uid          Taras Korenko <taras@freebsd.org>
uid          Taras Korenko <ds@ukrhub.net>
uid          Taras Korenko <tarasishche@gmail.com>
sub 2048g/8D7CC0FA 2010-03-30 [expires: 2015-03-29]
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3.238. Tobias Kortkamp <tobik@FreeBSD.org >

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pub rsa2048/A4F09FB73CC51F61 2017-02-13 [SC] [expires: 2022-05-01]
```



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uid      Key fingerprint = 957B D310 973A 78F8 1D42 EA1B A4F0 9FB7 3CC5 1F61
uid      Tobias Kortkamp <tobik@FreeBSD.org>
sub      rsa2048/CB30D0C27F086269 2017-02-13 [E] [expires: 2022-05-01]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.239. Joseph Koshy <jkoshy@FreeBSD.org >

```

pub      1024D/D93798B6 2001-12-21 Joseph Koshy (FreeBSD) <jkoshy@freebsd.org>
uid      Key fingerprint = 0DE3 62F3 EF24 939F 62AA 2E3D ABB8 6ED3 D937 98B6
sub      1024g/43FD68E9 2001-12-21

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----

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3.240. Wojciech A. Koszek <wkoszek@FreeBSD.org>

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pub 1024D/C9F25145 2006-02-15
    Key fingerprint = 6E56 C571 9D33 D23E 9A61 8E50 623C AD62 C9F2 5145
uid                               Wojciech A. Koszek <dunstan@FreeBSD.czyst.pl>
uid                               Wojciech A. Koszek <wkoszek@FreeBSD.org>
sub 4096g/3BBD20A5 2006-02-15

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-----END PGP PUBLIC KEY BLOCK-----

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3.241. Alex Kozlov <ak@FreeBSD.org>

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pub 2048R/0D1D29A0 2012-03-01 [expires: 2024-02-27]
    Key fingerprint = 7774 4FCF 6AC9 126B BD0E DBF3 5EBF 4968 0D1D 29A0
uid                               Alex Kozlov <ak@freebsd.org>
sub 2048R/2DD82C65 2012-03-01 [expires: 2024-02-27]

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3.242. Svatopluk Kraus <skra@FreeBSD.org >

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pub   rsa2048/B00691EEA480A803 2015-10-26 [expires: 2018-10-25]
      Key fingerprint = 04ED 6504 A0EF 9890 8CD3 86C2 B006 91EE A480 A803
uid   Svatopluk Kraus <skra@freebsd.org>
uid   Svatopluk Kraus <onwahe@gmail.com>
sub   rsa2048/A5545C0A04691FFC 2015-10-26 [expires: 2018-10-25]
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-----END PGP PUBLIC KEY BLOCK-----

3.243. Steven Kreuzer <skreuzer@FreeBSD.org >

pub rsa2048/F528158459D71EE7 2015-05-01 [SC] [expires: 2020-09-20]
Key fingerprint = 1DB8 2B72 1C60 E59E 946A FF7F F528 1584 59D7 1EE7
uid Steven Kreuzer <skreuzer@freebsd.org>
uid Steven Kreuzer <skreuzer@exit2shell.com>
uid Steven Kreuzer <steven@kreuzer.cx>
sub rsa2048/540AD5219F26626F 2015-05-01 [E]

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-----END PGP PUBLIC KEY BLOCK-----
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3.244. Gábor Kövesdán <gabor@FreeBSD.org >

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pub 1024D/2373A6B1 2006-12-05
Key fingerprint = A42A 10D6 834B BEC0 26F0 29B1 902D D04F 2373 A6B1
uid Gabor Kovesdan <gabor@FreeBSD.org>
sub 2048g/92B0A104 2006-12-05
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3.245. Ana Kucec <anchie@FreeBSD.org >

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pub 2048R/510D23BB 2010-04-18
Key fingerprint = 0A9B 0ABB 0E1C B5A4 3408 398F 778A C3B4 510D 23BB
uid Ana Kucec <anchie@FreeBSD.org>
sub 2048R/699E4DDA 2010-04-18
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3.246. Roman Kurakin <rik@FreeBSD.org >

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pub 1024D/C8550F4C 2005-12-16 [expires: 2008-12-15]
     Key fingerprint = 25BB 789A 6E07 E654 8E59 0FA9 42B1 937C C855 0F4C
uid          Roman Kurakin <rik@FreeBSD.org>
sub 2048g/D15F2AB6 2005-12-16 [expires: 2008-12-15]

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3.247. Hideyuki KURASHINA <rushani@FreeBSD.org>

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pub 1024D/439ADC57 2002-03-22 Hideyuki KURASHINA <rushani@bl.mmtr.or.jp>
    Key fingerprint = A052 6F98 6146 6FE3 91E2 DA6B F2FA 2088 439A DC57
uid                                     Hideyuki KURASHINA <rushani@FreeBSD.org>
uid                                     Hideyuki KURASHINA <rushani@jp.FreeBSD.org>
sub 1024g/64764D16 2002-03-22
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Version: GnuPG v1.2.1 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.248. Jun Kuriyama <kuriyama@FreeBSD.org>

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pub 1024D/EE3C4DBBFE3B59CD 1998-11-23
    Key fingerprint = 5219 55CE AC84 C296 3A3B B076 EE3C 4DBB FE3B 59CD
uid                                     Jun Kuriyama <kuriyama@s2factory.co.jp>
uid                                     Jun Kuriyama <kuriyama@s2factory.co.jp>
uid                                     Jun Kuriyama <kuriyama@imgsrc.co.jp>
uid                                     Jun Kuriyama <kuriyama@FreeBSD.org>
uid                                     Jun Kuriyama <kuriyama@jp.FreeBSD.org>
sub 2048g/6D4BA0651CF20D27 1998-11-23

pub 4096R/524A24526282600F 2017-03-27
    Key fingerprint = 2946 27AD 0A49 697F 622D D59C 524A 2452 6282 600F
uid                                     Jun Kuriyama <kuriyama@imgsrc.co.jp>
uid                                     Jun Kuriyama <kuriyama@FreeBSD.org>
uid                                     Jun Kuriyama <kuriyama@s2factory.co.jp>
sub 4096R/0E6143E9FE522B48 2017-03-27
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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3.249. Gleb Kurtsov <gleb@FreeBSD.org >

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pub 2048R/C2A8382F0952092D 2013-11-02 [expires: 2016-11-01]
    Key fingerprint = D1F6 F20B BB68 06AD D051 4BD5 C2A8 382F 0952 092D
uid                               Gleb Kurtsov <gleb@FreeBSD.org>
uid                               Gleb Kurtsov <gleb.kurtsov@gmail.com>
sub 2048R/E628ECBAC4622293 2013-11-02 [expires: 2016-11-01]

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3.250. René Ladan <rene@FreeBSD.org >

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pub  rsa4096/ADBBF8610A3789B7 2012-11-18 [SC] [expires: 2020-01-14]
     Key fingerprint = 101A 716B 162B 00E5 5BED EA05 ADBB F861 0A37 89B7
uid  René Ladan <rene@freebsd.org>
sub  rsa4096/CB77BE03B67184C6 2012-11-18 [E] [expires: 2020-01-14]

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3.251. Julien Laffaye <jlaffaye@FreeBSD.org >

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pub 2048R/6AEBE420 2011-06-06
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uid          Julien Laffaye <jlaffaye@FreeBSD.org>
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3.252. Clement Laforet <clement@FreeBSD.org >

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pub 1024D/0723BA1D 2003-12-13 Clement Laforet (FreeBSD committer address) <
<clement@FreeBSD.org>
Key fingerprint = 3638 4B14 8463 A67B DC7E 641C B118 5F8F 0723 BA1D
uid Clement Laforet <sheepkiller@cultdeadsheep.org>
uid Clement Laforet <clement.laforet@cotds.org>
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3.253. Max Laier <mlaier@FreeBSD.org >

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3.254. Dan Langille

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pub 2048R/214D3D5D4DA75ED3 2017-01-18 [expires: 2020-01-19]
Key fingerprint = CEA7 09E2 87B2 7FCB 204C 8101 214D 3D5D 4DA7 5ED3

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uid          Dan Langille <dan@langille.org>
uid          Dan Langille <dvl@FreeBSD.org>
sub 2048R/DDE0A907EE4AEE61 2017-01-18 [expires: 2020-01-19]
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-----END PGP PUBLIC KEY BLOCK-----
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3.255. Erwin Lansing <erwin@FreeBSD.org >

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pub 2048R/0x517BE614A5C1EEC7 2013-09-24 [expires: 2018-09-23]
Key fingerprint = 6AFC 44AA 53E9 82A4 4BC7 1DB7 517B E614 A5C1 EEC7
uid [ultimate] Erwin Lansing <erwin@FreeBSD.org>
uid [ultimate] Erwin Lansing <erwin@lansing.dk>
sub 2048R/0xD7698209D2B4D6C3 2013-09-24 [expires: 2018-09-23]
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Version: GnuPG v1
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3.256. Ganael Laplanche <martymac@FreeBSD.org >

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3.257. Greg Larkin <glarkin@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.258. Frank J. Laszlo <laszlof@FreeBSD.org >

```
pub 4096R/012360EC 2006-11-06 [expires: 2011-11-05]
Key fingerprint = 3D93 21DB B5CC 1339 E4B4 1BC4 AD50 C17C 0123 60EC
uid Frank J. Laszlo <laszlof@FreeBSD.org>
```

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-----END PGP PUBLIC KEY BLOCK-----
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3.259. Dru Lavigne <dru@FreeBSD.org >


```
pub 1024D/C6AA2E94 2013-01-22
    Key fingerprint = 6CC4 2180 F27C 29B6 5A9C EC0D A454 DC05 C6AA 2E94
uid                               Dru Lavigne <dru@freebsd.org>
sub 1024g/7FAC82EA 2013-01-22
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3.260. Sam Lawrence <lawrance@FreeBSD.org>

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pub 1024D/32708C59 2003-08-14
    Key fingerprint = 1056 2A02 5247 64D4 538D 6975 8851 7134 3270 8C59
uid                               Sam Lawrence <lawrance@FreeBSD.org>
uid                               Sam Lawrence <boris@brooknet.com.au>
sub 2048g/0F9CCF92 2003-08-14
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-----END PGP PUBLIC KEY BLOCK-----

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3.261. Nate Lawson <njl@FreeBSD.org >

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pub 1024D/60E5AC11 2007-02-07
     Key fingerprint = 18E2 7E5A FD6A 199B B08B E9FB 73C8 DB67 60E5 AC11
uid                               Nate Lawson <nate@root.org>
sub 2048g/CDBC7E1B 2007-02-07

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3.262. Jeremie Le Hen <jlh@FreeBSD.org >

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pub 2048D/8BF6CF92 2012-04-18
     Key fingerprint = 66C9 B361 16CA BFF6 5C07 DA0A 28DE 3702 8BF6 CF92
uid                               Jeremie Le Hen <jeremie@le-hen.org>
uid                               Jeremie Le Hen <jeremie@lehen.org>
uid                               Jeremie Le Hen <ttz@chchile.org>
uid                               Jeremie Le Hen <jlh@FreeBSD.org>
sub 2048g/045479A3 2012-04-18

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3.263. Yen-Ming Lee <leeym@FreeBSD.org >

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pub 1024D/93FA8BD6 2007-05-21
    Key fingerprint = DEC4 6E7F 69C0 4AC3 21ED EE65 6C0E 9257 93FA 8BD6
uid          Yen-Ming Lee <leeym@leeym.com>
sub 2048g/899A3931 2007-05-21
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3.264. Sam Leffler <sam@FreeBSD.org >

```
pub 1024D/BD147743 2005-03-28
    Key fingerprint = F618 F2FC 176B D201 D91C 67C6 2E33 A957 BD14 7743
uid          Samuel J. Leffler <sam@freebsd.org>
sub 2048g/8BA91D05 2005-03-28
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3.265. Jean-Yves Lefort <jylefort@FreeBSD.org >

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pub      1024D/A3B8006A 2002-09-07
          Key fingerprint = CC99 D1B0 8E44 293D 32F7 D92E CB30 FB51 A3B8 006A
uid      Jean-Yves Lefort <jylefort@FreeBSD.org>
uid      Jean-Yves Lefort <jylefort@brutele.be>
sub      4096g/C9271AFC 2002-09-07
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3.266. Greg Lehey <grog@FreeBSD.org >

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pub 1024D/22E6F290507A4223 2000-12-10
Key fingerprint = 9A1B 8202 BCCE B846 F92F 09AC 22E6 F290 507A 4223
uid Greg Lehey <grog@lemis.com>
sub 2048g/61D280F939E8DAFD 2000-12-10
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3.267. Oliver Lehmann <oliver@FreeBSD.org >

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pub  rsa4096/5B8573DDBB4C34D3 2016-08-17 [SC] [expires: 2018-08-17]
      Key fingerprint = 049B 4EB9 EB1E 403C 8195 DE6F 5B85 73DD BB4C 34D3
uid  Oliver Lehmann <lehmann@ans-netz.de>
sub  rsa4096/8971ACA5B42D6F51 2016-08-17 [E] [expires: 2018-08-17]

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3.268. Alexander Leidinger <netchild@FreeBSD.org >

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pub 4096R/8F31830F9F2772BF 2016-08-16 [expires: 2021-10-06]
Key fingerprint = 0340 55A3 1F55 0AD0 32E2 F6D7 8F31 830F 9F27 72BF
uid Alexander Leidinger <Alexander@Leidinger.net>
uid Alexander Leidinger <netchild@FreeBSD.org>
uid [jpeg image of size 9696]
sub 4096R/F37CBE8CE11D33C3 2018-10-07 [expires: 2021-10-06]
Key fingerprint = C9DB D512 2B25 5725 20DC 6C71 F37C BE8C E11D 33C3
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3.269. Breno Leitao <leitao@FreeBSD.org >

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3.270. Andrey V. Elsukov <ae@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----

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3.271. Dejan Lesjak <lesi@FreeBSD.org >

```

pub 1024D/96C5221F 2004-08-18 Dejan Lesjak <lesi@FreeBSD.org>
     Key fingerprint = 2C5C 02EA 1060 1D6D 9982 38C0 1DA7 DBC4 96C5 221F
uid                               Dejan Lesjak <dejan.lesjak@ijs.si>
sub 1024g/E0A69278 2004-08-18

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-----END PGP PUBLIC KEY BLOCK-----

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3.272. Achim Leubner <achim@FreeBSD.org >

```

pub 2048R/2E15B3C1 2013-01-22
     Key fingerprint = 2A48 0317 D477 2A07 2AD9 CF1C 7C1D 832E 2E15 B3C1
uid                               Achim Leubner <achim@freebsd.org>
sub 2048R/E275EF01 2013-01-22

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=jnyf
-----END PGP PUBLIC KEY BLOCK-----
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3.273. Chuck Lever <cel@FreeBSD.org >

```
pub 1024D/8FFC2B87 2006-02-13
Key fingerprint = 6872 923F 5012 F88B 394C 2F69 37B4 8171 8FFC 2B87
uid Charles E. Lever <cel@freebsd.org>
sub 2048g/9BCE0459 2006-02-13
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-----END PGP PUBLIC KEY BLOCK-----
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3.274. Don "Truck" Lewis <truckman@FreeBSD.org >

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pub 2048R/B082B167EC3362D8 2014-02-20 [expires: 2017-02-19]
    Key fingerprint = 7016 6C9F 3B88 E5E9 E7C7 E056 B082 B167 EC33 62D8
uid                               Don "Truck" Lewis <truckman@FreeBSD.org>
sub 2048R/76F1C2A82FEBF95E 2014-02-20 [expires: 2017-02-19]
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-----END PGP PUBLIC KEY BLOCK-----

3.275. Greg Lewis <glewis@FreeBSD.org >

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pub 1024D/1BB6D9E0 2002-03-05 Greg Lewis (FreeBSD) <glewis@FreeBSD.org>
    Key fingerprint = 2410 DA6D 5A3C D801 65FE C8DB DEEA 9923 1BB6 D9E0
uid                               Greg Lewis <glewis@eyesbeyond.com>
sub 2048g/45E67D60 2002-03-05
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-----END PGP PUBLIC KEY BLOCK-----
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3.276. Qing Li <qingli@FreeBSD.org >

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pub  rsa2048/F67236810BB1CB98 2018-12-27 [SC] [expires: 2021-12-27]
     Key fingerprint = 46F8 339A 8C5C 3B13 7314 8786 F672 3681 0BB1 CB98
uid  Qing Li <qingli@freebsd.org>
sub  rsa2048/768E9EB15482337B 2018-12-27 [E] [expires: 2021-12-27]
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3.277. Xin Li <delphij@FreeBSD.org >

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uid  Xin Li <d@delphij.net>
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sub  rsa4096/7D0C88F036C2299B 2013-10-03 [E] [expires: 2018-10-02]
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-----END PGP PUBLIC KEY BLOCK-----
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3.278. Tai-hwa Liang <avatar@FreeBSD.org >

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pub 1024R/F4013AB1 1998-05-13 Tai-hwa Liang <avatar@FreeBSD.org>
Key fingerprint = 5B 05 1D 37 7F 35 31 4E 5D 38 BD 07 10 32 B9 D0
uid Tai-hwa Liang <avatar@mmmlab.cse.yzu.edu.tw>
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3.279. Ying-Chieh Liao <ijliao@FreeBSD.org >

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pub 1024D/11C02382 2001-01-09 Ying-Chieh Liao <ijliao@CCCA.NCTU.edu.tw>
Key fingerprint = 4E98 55CC 2866 7A90 EFD7 9DA5 ACC6 0165 11C0 2382
uid Ying-Chieh Liao <ijliao@FreeBSD.org>
uid Ying-Chieh Liao <ijliao@csie.nctu.edu.tw>
uid Ying-Chieh Liao <ijliao@dragon2.net>
uid Ying-Chieh Liao <ijliao@tw.FreeBSD.org>
sub 4096g/C1E16E89 2001-01-09
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.280. Ryan Libby <rLibby@FreeBSD.org >

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pub 2048R/A20FFBFBDF35FD57 2016-07-11 [expires: 2020-06-12]
    Key fingerprint = 9849 809F 64AD 4250 32BF 7975 A20F FBBF DF35 FD57
uid                                     Ryan Libby <rlibby@gmail.com>
uid                                     Ryan Libby <rlibby@FreeBSD.org>
sub 2048R/7D8F4693B660FE97 2016-07-11
    Key fingerprint = E70A 9C90 A595 62F9 2AC8 E503 7D8F 4693 B660 FE97
sub 2048R/2354FB7E60023CBC 2017-06-12 [expires: 2020-06-11]
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3.281. Kurt Lidl <lidl@FreeBSD.org >

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pub  rsa2048/9808DFE7C2CA3ABA 2015-10-22 [expires: 2018-10-21]
      Key fingerprint = 4A2D 4BC0 9C8D 6D58 4B96 96E9 9808 DFE7 C2CA 3ABA
uid   Kurt Lidl <lidl@FreeBSD.org>
uid   Kurt Lidl <lidl@pix.net>
sub   rsa2048/A53F68D4F0D10479 2015-10-22 [expires: 2018-10-21]
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3.282. Nikolai Lifanov <Lifanov@FreeBSD.org >

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pub  rsa4096/67AB2FE7A79C4745 2016-12-13 [SC] [expires: 2019-12-13]
      Key fingerprint = E684 FA4D CB9A 5AF1 B982 D8F3 67AB 2FE7 A79C 4745
uid  Nikolai Lifanov <lifanov@FreeBSD.org>
sub  rsa4096/E4BE9FB8F164980E 2016-12-13 [E] [expires: 2019-12-13]

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3.283. Ulf Lilleengen <lu1f@FreeBSD.org >

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pub 1024D/ADE1B837 2009-08-19 [expires: 2014-08-18]
    Key fingerprint = 3822 B4E6 6D1C 6F71 4AA8 7A27 ADDF C400 ADE1 B837
uid          Ulf Lilleengen <ulf.lilleengen@gmail.com>
uid          Ulf Lilleengen <lu1f@pvv.ntnu.no>
uid          Ulf Lilleengen <lu1f@stud.ntnu.no>
uid          Ulf Lilleengen <lu1f@FreeBSD.org>
uid          Ulf Lilleengen <lu1f@idi.ntnu.no>
sub 2048g/B5409122 2009-08-19 [expires: 2014-08-18]

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3.284. Clive Lin <clive@FreeBSD.org >

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pub 1024D/A008C03E 2001-07-30 Clive Lin <clive@tongi.org>
    Key fingerprint = FA3F 20B6 A77A 6CEC 1856 09B0 7455 2805 A008 C03E
uid                               Clive Lin <clive@CirX.ORG>
uid                               Clive Lin <clive@FreeBSD.org>
sub 1024g/03C2DC87 2001-07-30 [expires: 2005-08-25]
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Version: PGP Key Server 0.9.6
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3.285. Po-Chien Lin <pclin@FreeBSD.org>

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pub 4096R/865C427F 2013-02-05
Key fingerprint = CF3B AB13 4C94 6388 B047 B599 8B28 1692 865C 427F
uid Po-Chien Lin <pclin@FreeBSD.org>
uid Po-Chien Lin <linpc@cs.nctu.edu.tw>
sub 4096R/F31280BA 2013-02-05
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3.286. Yi-Jheng Lin <yzlin@FreeBSD.org >

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pub 2048R/A34C6A8A 2009-07-20
    Key fingerprint = 7E3A E981 BB7C 5D73 9534 ED39 0222 04D3 A34C 6A8A
uid                               Yi-Jheng Lin (FreeBSD) <yzlin@FreeBSD.org>
sub 2048R/B4D776FE 2009-07-20

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3.287. Mark Linimon <linimon@FreeBSD.org>

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pub 1024D/84C83473 2003-10-09
    Key fingerprint = 8D43 1B55 D127 0BFC 842E 1C96 803C 5A34 84C8 3473
uid                               Mark Linimon <linimon@FreeBSD.org>
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sub 1024g/24BFF840 2003-10-09
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3.288. Tilman Keskinöz <arved@FreeBSD.org>

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uid                               Tilman Keskinöz <arved@FreeBSD.org>
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3.289. Dryice Liu <dryice@FreeBSD.org >

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=QmqP
-----END PGP PUBLIC KEY BLOCK-----
```

3.290. Tong Liu <nemoliu@FreeBSD.org >

```
pub 1024D/ECC7C907 2007-07-10
Key fingerprint = B62E 3109 896B B283 E2FA 60FE A1BA F92E ECC7 C907
uid Tong LIU <nemoliu@FreeBSD.org>
sub 4096g/B6D7B15D 2007-07-10
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=nL7g
-----END PGP PUBLIC KEY BLOCK-----

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3.291. Kevin Lo <kevlo@FreeBSD.org >

```

pub  rsa2048/B3A1FFA311EB8D74 2016-08-17 [SC] [##: 2031-08-14]
     #### = 4AFF A126 9306 314C 968F C63A B3A1 FFA3 11EB 8D74
uid  Kevin Lo <kevlo@FreeBSD.org>
sub  rsa2048/A48BDAE5E9EA493B 2016-08-17 [E] [##: 2031-08-14]

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-----END PGP PUBLIC KEY BLOCK-----

```

3.292. Zachary Loafman <zml@FreeBSD.org >

```

pub  1024D/4D65492D 2009-05-26
     Key fingerprint = E513 4AE9 5D6D 8BF9 1CD3 4389 4860 D79B 4D65 492D
uid  Zachary Loafman <zml@FreeBSD.org>
sub  2048g/1AD659F0 2009-05-26

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-----BEGIN PGP PUBLIC KEY BLOCK-----  
  
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-----END PGP PUBLIC KEY BLOCK-----
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3.293. Juergen Lock <nox@FreeBSD.org >

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pub 1024D/1B6BFBFD 2006-12-22  
Key fingerprint = 33A7 7FAE 51AF 00BC F0D3 ECCE FAFD 34C1 1B6B FBFD  
uid Juergen Lock <nox@FreeBSD.org>  
sub 2048g/251229D1 2006-12-22
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-----BEGIN PGP PUBLIC KEY BLOCK-----  
  
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yGC4mP7F2zvlJqB2fUC6gYUJybmYi7F6run1zPKLr5A5Polx/SpqL52IwCg/5Kq  
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d1Y=
=E5fg
-----END PGP PUBLIC KEY BLOCK-----
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3.294. Remko Lodder <remko@FreeBSD.org >

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pub  rsa4096/71358ED63F774079 2012-11-11 [SCEA] [expires: 2020-12-30]
     Key fingerprint = 7EE4 C4AF DCA3 E0B4 479B A344 7135 8ED6 3F77 4079
uid      Remko Lodder <remko@elvandar.org>
uid      Remko Lodder <remko@FreeBSD.org>
uid      Remko Lodder <remko.lodder@snow.nl>
sub  rsa4096/A8C3DBB259F38CB0 2012-11-11 [SEA] [expires: 2020-08-18]
sub  rsa4096/B9C36C7DF15E576C 2016-12-29 [E] [expires: 2020-12-29]
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3.295. Alexander Logvinov <avl@FreeBSD.org >

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pub 1024D/1C47D5C0 2009-05-28
Key fingerprint = 8B5F 880A 382B 075E E707 9DB2 E135 4176 1C47 D5C0
uid Alexander Logvinov <alexander@logvinov.com>
uid Alexander Logvinov (FreeBSD Ports Committer) <avl@FreeBSD.org>
uid Alexander Logvinov <ports@logvinov.com>
uid Alexander Logvinov <logvinov@gmail.com>
uid Alexander Logvinov <logvinov@yandex.ru>
sub 2048g/60BDD4BB 2009-05-28

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3.296. Isabell Long <issyl0@FreeBSD.org >

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Key fingerprint = 6E31 23BB B9AC C8BB 441F DC30 66E1 760E 20E8 FD7D
uid [ultimate] Isabell Long (Personal) <isabell@issyl0.co.uk>
uid [ultimate] Isabell Long (BitFolk Limited) <isabell@bitfolk.com>
uid [ultimate] Isabell Long (FreeBSD) <issyl0@FreeBSD.org>
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Comment: GPGTools - https://gpgtools.org
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-----END PGP PUBLIC KEY BLOCK-----

```

3.297. Scott Long <scottl@FreeBSD.org>

```
pub 1024D/017C5EBF 2003-01-18 Scott A. Long (This is my official FreeBSD key) <
<scottl@freebsd.org>
    Key fingerprint = 34EA BD06 44F7 F8C3 22BC B52C 1D3A F6D1 017C 5EBF
sub 1024g/F61C8F91 2003-01-18
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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Version: GnuPG v1.2.1 (FreeBSD)
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-----END PGP PUBLIC KEY BLOCK-----
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3.298. Jonathan T. Looney <jttl@FreeBSD.org >

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    0C68 9394 8808 F05B 5C04 22FF 713B 7DE9 198E F455
uid  [ultimate] Jonathan T. Looney <jonlooney@gmail.com>
uid  [ultimate] Jonathan T. Looney <jttl@freebsd.org>
uid  [ultimate] Jonathan T. Looney <jttl@netflix.com>
sub  rsa4096 2018-07-25 [E] [expires: 2021-08-01]
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Comment: Run FreeBSD! - http://www.freebsd.org
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=zVEk
-----END PGP PUBLIC KEY BLOCK-----
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3.299. Leandro Lupori <luporl@FreeBSD.org >

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pub  rsa2048/E216525581588363 2019-01-08 [SC] [expires: 2022-01-07]
     Key fingerprint = C4B5 2A9B 17C7 F7BF BD14 2CBD E216 5255 8158 8363
uid  Leandro Lupori <luporl@freebsd.org>
sub  rsa2048/9FDFD0227E484C12 2019-01-08 [E] [expires: 2022-01-07]
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VYFYg2MFAlw03UACGwMFCQWjmoAFCwkIBwMFFQoJCA5FFgMCAQACHGECF4AACgkQ
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-----END PGP PUBLIC KEY BLOCK-----

3.300. Wojciech Macek <wma@FreeBSD.org >

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pub  rsa2048/BA2FD88965AA1A7F 2016-01-20 [expires: 2019-01-19]
     Key fingerprint = 09F2 3360 D512 C987 B4D8 1AE8 BA2F D889 65AA 1A7F
uid  Wojciech Macek <wma@FreeBSD.org>
sub  rsa2048/F074ACB7E5B3B33A 2016-01-20 [expires: 2019-01-19]
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-----END PGP PUBLIC KEY BLOCK-----
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3.301. Rick Macklem <rmacklem@FreeBSD.org>

```
pub 1024D/7FB9C5F1 2009-04-05
Key fingerprint = B9EA 767A F6F3 3786 E0C7 434A 05C6 70D6 7FB9 C5F1
uid Rick Macklem <rmacklem@freebsd.org>
sub 1024g/D0B20E8A 2009-04-05
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3.302. Vincenzo Maffione <vmaffione@FreeBSD.org>

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pub rsa2048/2941E976E849FF43 2018-03-18 [SC] [expires: 2021-03-17]
Key fingerprint = 3E3B 1905 113B 9C77 3C87 2F94 2941 E976 E849 FF43
uid Vincenzo Maffione <v.maffione@gmail.com>
sub rsa2048/266621AA1953E49B 2018-03-18 [E] [expires: 2021-03-17]
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=z+LK
-----END PGP PUBLIC KEY BLOCK-----
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3.303. Bruce A. Mah <bmah@FreeBSD.org >

```
pub  rsa2048/4984910A8CAEE8A 2014-01-17 [SC] [expires: 2020-01-02]
    Key fingerprint = F85A 3820 4369 F71A 34D4 4E83 4984 910A 8CAA EE8A
uid  Bruce A. Mah <bmah@kitchenlab.org>
uid  Bruce A. Mah <bmah@es.net>
uid  Bruce A. Mah <bmah@acm.org>
uid  Bruce A. Mah <bmah@ieee.org>
uid  Bruce A. Mah <bmah@freebsd.org>
sub  rsa2048/3FE58165F851A044 2014-01-17 [E] [expires: 2020-01-02]
    Key fingerprint = 32E2 00DA A25D A8B2 87F1 7CC3 3FE5 8165 F851 A044
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3.304. Ruslan Makhmatkhanov <rm@FreeBSD.org >

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pub 2048R/F60D756F 2011-11-10
Key fingerprint = 9D18 8A88 304C B78B 8003 0379 4574 0BAF F60D 756F
uid Ruslan Makhmatkhanov <rm@FreeBSD.org>
sub 2048R/B658C269 2011-11-10
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-----END PGP PUBLIC KEY BLOCK-----
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3.305. Mike Makonnen <mtm@FreeBSD.org >

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pub 1024D/7CD41F55 2004-02-06 Michael Telahun Makonnen <mtm@FreeBSD.Org>
    Key fingerprint = AC7B 5672 2D11 F4D0 EBF8 5279 5359 2B82 7CD4 1F55
uid                               Michael Telahun Makonnen <mtm@tmsa-inc.com>
uid                               Mike Makonnen <mtm@identd.net>
uid                               Michael Telahun Makonnen <mtm@acs-et.com>
sub 2048g/E7DC936B 2004-02-06
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3.306. David Malone <dwmalone@FreeBSD.org >

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pub 4096R/214C82C2361FD728 2013-08-07
    Key fingerprint = 7759 C5C6 F872 7269 4A8A FEFF 214C 82C2 361F D728
uid                               David Malone <dwmalone@maths.tcd.ie>
uid                               David Malone <David.Malone@nuim.ie>
uid                               David Malone <dwmalone@FreeBSD.org>
uid                               David Malone <dwmalone@dwmalone.net>
uid                               [jpeg image of size 9564]
sub 4096R/770F33478DF59E7B 2013-08-07
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3.307. Dmitry Marakasov <amdmi3@FreeBSD.org >

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pub 1024D/F9D2F77D 2008-06-15 [expires: 2010-06-15]
    Key fingerprint = 55B5 0596 FF1E 8D84 5F56 9510 D35A 80DD F9D2 F77D
uid          Dmitry Marakasov <amdmi3@amdmi3.ru>
uid          Dmitry Marakasov <amdmi3@FreeBSD.org>
sub 2048g/2042CDD8 2008-06-15
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3.308. John Marino <marino@FreeBSD.org >

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pub 2048R/A0AE6229 2011-07-19
Key fingerprint = EE48 4F90 C861 3A5F E39E AB9E 33CF 4190 A0AE 6229
uid John Marino (DragonFly) <draco@marino.st>
uid John R. Marino <john.secure@marino.st>
uid John Marino (NetBSD) <marino@netbsd.org>
sub 2048R/71D9FB68 2011-07-19

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3.309. Koop Mast <kwm@FreeBSD.org >

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pub 4096R/BF4E2D5B3B9D8847 2014-01-31 [expires: 2016-01-31]
    Key fingerprint = F986 EDE2 B3EC 4098 7820 E1D7 BF4E 2D5B 3B9D 8847
uid                               Koop Mast <kwm@FreeBSD.org>
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3.310. Ed Maste <emaste@FreeBSD.org >

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pub  rsa4096/C6F5A1102002FBDF 2017-12-04 [SC] [expires: 2020-12-03]
     Key fingerprint = DA51 3FC9 889B 37BA 4387 BD9F C6F5 A110 2002 FBDF
uid  Ed Maste <emaste@freebsd.org>
sub  rsa4096/BE917E71357DB691 2017-12-04 [E] [expires: 2020-12-03]
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3.311. Cherry G. Mathew <cherry@FreeBSD.org >

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pub 2048R/2D066FE1 2007-05-22
Key fingerprint = FBF1 89FF 81BB E1C7 6C1B 378D 3438 20E9 2D06 6FE1
uid Cherry G. Mathew (FreeBSD email) <cherry@FreeBSD.org>
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3.312. Makoto Matsushita <matusita@FreeBSD.org>

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pub 1024D/20544576 1999-04-18
   Key fingerprint = 71B6 13BF B262 2DD8 2B7C 6CD0 EB2D 4147 2054 4576
uid                               Makoto Matsushita <matusita@matatabi.or.jp>
uid                               Makoto Matsushita <matusita@FreeBSD.org>
uid                               Makoto Matsushita <matusita@jp.FreeBSD.ORG>
uid                               Makoto Matsushita <matusita@ist.osaka-u.ac.jp>
sub 1024g/F1F3C94D 1999-04-18
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3.313. Martin Matuska <mm@FreeBSD.org>

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   Key fingerprint = A5A4 5B12 AD92 D964 B89E EE2D EC56 0C81 CEC2 276E
uid                               Martin Matuska <mm@FreeBSD.org>
uid                               Martin Matuska <martin@matuska.org>
sub rsa4096/26759B2C1AAFF1E 2019-12-21 [E] [expires: 2022-12-20]
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3.314. Sergey Matveychuk <sem@FreeBSD.org >

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pub 1024D/B71F605D 1999-10-13
Key fingerprint = 4704 F374 DB28 BEC6 51C8 1322 4DC9 4BD8 B71F 605D
uid Sergey Matveychuk <sem@FreeBSD.org>
uid Sergey Matveychuk <sem@ciam.ru>
uid Sergey Matveychuk <sem@core.inec.ru>
sub 2048g/DEAF9D91 1999-10-13

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3.315. Stephen McConnell <slm@FreeBSD.org>

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pub 2048R/E523D98C5DCEE9D0 2014-05-13 [expires: 2017-05-12]
    Key fingerprint = E5A6 6376 9B87 C35A B41E 1F7B E523 D98C 5DCE E9D0
uid                               Stephen McConnell <slm@FreeBSD.org>
sub 2048R/0A1BC20E46082DDE 2014-05-13 [expires: 2017-05-12]
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-----END PGP PUBLIC KEY BLOCK-----
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3.316. Stephen McKay <mckay@FreeBSD.org>

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pub 4096R/552482D45824C996 2015-04-26 [expires: 2018-04-25]
    Key fingerprint = DF52 7F13 0B49 9790 BFF3 6A17 5524 82D4 5824 C996
uid                               Stephen McKay <mckay@FreeBSD.org>
sub 4096R/3DBD459E455FF5B3 2015-04-26 [expires: 2018-04-25]
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-----END PGP PUBLIC KEY BLOCK-----
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3.317. Kirk McKusick <mckusick@FreeBSD.org >

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pub 4096R/A6B2F60DAB751437 2018-12-26
Key fingerprint = 7A9C 0357 0CA9 65CF 3F7B FF29 A6B2 F60D AB75 1437
uid Marshall Kirk McKusick <mckusick@freebsd.org>
uid Marshall Kirk McKusick <mckusick@mckusick.com>
sub 4096R/6817A53D87741E1B 2018-12-26
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3.318. Tom McLaughlin <tmclaugh@FreeBSD.org >

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pub 1024D/E2F7B3D8 2005-05-24
Key fingerprint = 7692 B222 8D23 CF94 1993 0138 E339 E225 E2F7 B3D8
uid Tom McLaughlin (Personal email address) <tmclaugh@sdf.lonestar.org>
uid Tom McLaughlin (Work email address) <tmclaughlin@meditech.com>
uid Tom McLaughlin (FreeBSD email address) <tmclaugh@FreeBSD.org>
sub 2048g/16838F62 2005-05-24
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3.319. Jared McNeill <jmcneill@FreeBSD.org >

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pub  rsa2048/4D7493AA16CF40D0 2016-02-24 [expires: 2019-02-23]
      Key fingerprint = 81ED 5420 3DF8 B48D 035D 8334 4D74 93AA 16CF 40D0
uid   Jared McNeill (FreeBSD) <jmcneill@FreeBSD.org>
uid   Jared McNeill <jmcneill@invisible.ca>
sub  rsa2048/0E6943EE9C65C7F0 2016-02-24 [expires: 2019-02-23]
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3.320. Johannes Meixner <xmj@FreeBSD.org >

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pub  2048R/FC9E29371B1B0D0B 2014-04-09 [expires: 2017-04-08]
      Key fingerprint = 224E D70A A3AE 3EF1 23B0 CA88 FC9E 2937 1B1B 0D0B
uid   Johannes Jost Meixner <xmj@chaot.net>
uid   Johannes Jost Meixner <xmj@FreeBSD.org>
sub  2048R/A9F0E3193C0C8867 2014-04-09 [expires: 2017-04-08]
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3.321. Jean Milanez Melo <jmelo@FreeBSD.org >

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pub      1024D/AA5114BF 2006-03-03
Key fingerprint = 826D C2AA 6CF2 E29A EBE7 4776 D38A AB83 AA51 14BF
uid      Jean Milanez Melo <jmelo@FreeBSD.org>
uid      Jean Milanez Melo <jmelo@freebsdbrasil.com.br>
sub      4096g/E9E1CBD9 2006-03-03

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3.322. Michal Meloun <mmel@FreeBSD.org >

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pub  rsa2048/691EB26B5EC5AAAA 2015-10-26 [expires: 2018-10-31]
      Key fingerprint = 00DD 4A10 4B80 9FE0 2983 8D77 691E B26B 5EC5 AAAA
uid   Michal Meloun <mmel@freebsd.org>
uid   Michal Meloun <meloun@miraclе.cz>
uid   Michal Meloun <melounmichael@gmail.com>
sub  rsa2048/62E61A1BD4E386E2 2015-10-26 [expires: 2018-10-31]
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3.323. Julio Merino <jmmv@FreeBSD.org >

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pub 1024D/B889BD5041AD5625 2004-01-01
Key fingerprint = 6D6F 53EB C86C AB33 17B5 331D B889 BD50 41AD 5625
uid Julio Merino <jmmv@julipedia.org>
uid Julio M. Merino Vidal <jmmv84@gmail.com>
uid Julio M. Merino Vidal <jmmv@NetBSD.org>
uid Julio Merino <jmmv@NetBSD.org>
uid Julio Merino <julio@meroh.net>
uid Julio Merino <jmmv@FreeBSD.org>
sub 2048g/91A5E9E695283F9C 2004-01-01

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3.324. Kashyap D. Desai <kadesai@FreeBSD.org >

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pub 1024D/B58E09A5C6E4A571 2014-05-22 [expires: 2017-05-21]
Key fingerprint = A14D 4FB6 333F D61A D202 C547 B58E 09A5 C6E4 A571
uid Kashyap D Desai <kashyap.desai@avagotech.com>
sub 2048g/9372013F74B44808 2014-05-22 [expires: 2017-05-21]
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3.325. Kenneth D. Merry <ken@FreeBSD.org >

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pub 1024D/54C745B5 2000-05-15 Kenneth D. Merry <ken@FreeBSD.org>
   Key fingerprint = D25E EBC5 F17A 9E52 84B4 BF14 9248 F0DA 54C7 45B5
uid                               Kenneth D. Merry <ken@kdm.org>
sub 2048g/89D0F797 2000-05-15

pub 1024R/2FA0A505 1995-10-30 Kenneth D. Merry <ken@plutotech.com>
   Key fingerprint = FD FA 85 85 95 C4 8E E8 98 1A CA 18 56 F0 00 1F
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.326. Mark Murray <markm@FreeBSD.org >

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pub  rsa2048 2013-09-29 [SCEA]
   9C2F34D013B833C0833990D1B1AFE3F41215A6B1
uid      [ultimate] Mark Robert Vaughan Murray <mark@grondar.org>
uid      [ultimate] Mark Robert Vaughan Murray <mrvmurray@icloud.com>
uid      [ultimate] Mark Robert Vaughan Murray <markm@freebsd.org>
uid      [ultimate] Mark Robert Vaughan Murray <mark@grondar.za>
uid      [ultimate] Mark Robert Vaughan Murray <mrvmurray@gmail.com>
sub  rsa2048 2013-09-29 [SEA]
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3.327. Dirk Meyer <dinoex@FreeBSD.org >

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3.328. Yoshiro Sanpei MIHIRA <sanpei@FreeBSD.org >

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pub 1024R/391C5D69 1996-11-21 sanpei@SEAPLE.ICC.NE.JP
Key fingerprint = EC 04 30 24 B0 6C 1E 63 5F 5D 25 59 3E 83 64 51
uid MIHIRA Yoshiro <sanpei@sanpei.org>
uid Yoshiro MIHIRA <sanpei@FreeBSD.org>
uid MIHIRA Yoshiro <sanpei@yy.cs.keio.ac.jp>
uid MIHIRA Yoshiro <sanpei@cc.keio.ac.jp>
uid MIHIRA Yoshiro <sanpei@educ.cc.keio.ac.jp>
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Comment: For info see http://www.gnupg.org
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3.329. Robert Millan <rmh@FreeBSD.org >

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uid      Robert Millan <rmh@debian.org>
uid      Robert Millan <rmh@freebsd.org>
uid      Robert Millan <rmh@gnu.org>
sub 4096R/65A0A9CE 2009-08-14
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3.330. Joseph Mingrone <jrm@FreeBSD.org >

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3.331. Mahdi Mokhtari <mmokhi@FreeBSD.org >

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pub  rsa2048/B809F8A3D4C5AE84 2017-01-28 [SC] [expires: 2020-01-28]
     Key fingerprint = 4AE8 5BE0 08D1 DE58 81FC 231E B809 F8A3 D4C5 AE84
uid  Mahdi Mokhtari <mmokhi@freebsd.org>
sub  rsa2048/55144798EFF98AB0 2017-01-28 [E] [expires: 2020-01-28]

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3.332. Michael Moll <mmoll@FreeBSD.org >

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pub  rsa4096/749B7C68AFB116C7 2015-04-25
     Key fingerprint = 5048 2980 9458 0FF4 AE39 1B16 749B 7C68 AFB1 16C7
uid  Michael Moll <kvedulv@kvedulv.de>
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sub  rsa4096/8693D402926E5572 2015-04-25

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3.333. Christoph Moench-Tegeder <cmt@FreeBSD.org >

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3.334. Stephen Montgomery-Smith <stephen@FreeBSD.org>

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pub 2048R/9A92D807 2011-06-14
Key fingerprint = 2B61 D82E 168E F08B 6E08 712E 2DF1 2BD1 9A92 D807
uid Stephen Montgomery-Smith <stephen@freebsd.org>
sub 2048R/A4BA6560 2011-06-14
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3.335. Marcel Moolenaar <marcel@FreeBSD.org >

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pub 4096R/875AF2DF1FD2D8E3 2012-11-17
    Key fingerprint = 745F 456E AE8D 07DB 07C0 998B 875A F2DF 1FD2 D8E3
uid Marcel Moolenaar <marcel@xcllnt.net>
uid Marcel Moolenaar <marcel@FreeBSD.org>
sub 4096R/8B35277B73BDD377 2012-11-17
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3.336. Doug Moore <doug@FreeBSD.org >

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pub  rsa2048/E88F2153D3B9D56E 2019-04-19 [SC] [expires: 2022-04-18]
     Key fingerprint = 795E 3531 9256 03AE 4297 DE83 E88F 2153 D3B9 D56E
uid  Doug Moore (www.freebsd.org) <doug@freebsd.org>
uid  Douglas W Moore <doug@rice.edu>
sub  rsa2048/929C16F5708028AC 2019-04-19 [E] [expires: 2022-04-18]
sub  rsa2048/A3B47B563FA14BAC 2019-04-20 [S] [expires: 2022-04-19]
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3.337. Kris Moore <kmoore@FreeBSD.org >

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pub 1024D/6294612C 2009-05-26
Key fingerprint = 8B70 9876 346F 1F97 5687 6950 4C92 D789 6294 612C
uid Kris Moore <kmoore@freebsd.org>
sub 2048g/A7FFE8FB 2009-05-26
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3.338. Dmitry Morozovsky <marck@FreeBSD.org >

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pub 4096R/0650BCC042473949 2013-11-25 [expires: 2016-11-24]
Key fingerprint = 6BF3 EE15 5E2D 46F5 0B57 3A81 0650 BCC0 4247 3949
uid
uid Dmitry Morozovsky <marck@rinet.ru>
uid Dmitry Morozovsky <marck@FreeBSD.org>
sub 4096R/948FF5948B7DAAAA 2013-11-25 [expires: 2016-11-24]
sub 4096R/65AA79C860E297A8 2013-11-25 [expires: 2016-11-24]

pub 1024D/85D450456B691B03 2001-07-20
Key fingerprint = 39AC E336 F03D C0F8 5305 B725 85D4 5045 6B69 1B03
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3.339. Alexander Motin <mav@FreeBSD.org >

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uid  Alexander Motin <mav@FreeBSD.org>
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uid  Alexander Motin <mav@mavhome.dp.ua>
uid  Alexander Motin <mavbsd@gmail.com>
sub  rsa2048/0644E1A545DBCC15 2014-07-02 [E] [   годен до: 2021-07-07]
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3.340. Felippe de Meirelles Motta <lippe@FreeBSD.org >

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uid          Felippe de Meirelles Motta (FreeBSD Ports Committer) <
<lippe@FreeBSD.org>
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M8htMa1pg0F2ZcmvbnZFuXMD3BBakvWrRJTYuDXy8HHnbALjUd40LaUDT3Wi6FRB
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=q3W+
-----END PGP PUBLIC KEY BLOCK-----

```

3.341. Rich Murphey <rich@FreeBSD.org >

```
pub 1024R/583443A9 1995-03-31 Rich Murphey <rich@lamprey.utmb.edu>
Key fingerprint = AF A0 60 C4 84 D6 0C 73 D1 EF C0 E9 9D 21 DB E4
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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tCRSaWNoIE11cnBoZXkgPHjY2hAbGfTcHJleS51dG1iLmVkdT6JAJUDBRAve15W
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=QoiM
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```
-----END PGP PUBLIC KEY BLOCK-----
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3.342. Akinori MUSHA <knu@FreeBSD.org >

```
pub 1024D/9FD9E1EE 2000-03-21 Akinori MUSHA <knu@and.or.jp>
Key fingerprint = 081D 099C 1705 861D 4B70 B04A 920B EFC7 9FD9 E1EE
uid Akinori MUSHA <knu@FreeBSD.org>
uid Akinori MUSHA <knu@idaemons.org>
uid Akinori MUSHA <knu@ruby-lang.org>
sub 1024g/71BA9D45 2000-03-21
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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aISX/kK66s+NeM1XQ7YXpcI8naf0jPa6N3SNWjLf3xPxLbMk0SyaGnrnSQNikk/H
Bk2Nqyn0kcEaaBbdfrgkuuQWpNBDRq2Ed00IRgQYEQIABgUCONdarAAKCRCS+/H
n9nh70xxAKC+gMyhZmSZdTvT3a2Y0RD0x5kRLACeP3JEvGZAZuo1sJeEw504+jr8
1Xo=
=M+Al
```

```
-----END PGP PUBLIC KEY BLOCK-----
```

3.343. Thomas Möstl <tmm@FreeBSD.org >

```
pub 1024D/419C776C 2000-11-28 Thomas Moestl <tmm@FreeBSD.org>
    Key fingerprint = 1C97 A604 2BD0 E492 51D0 9C0F 1FE6 4F1D 419C 776C
uid                               Thomas Moestl <tmoestl@gmx.net>
uid                               Thomas Moestl <t.moestl@tu-bs.de>
sub 2048g/ECE63CE6 2000-11-28
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
```

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mQGIBDoj/ekRBACn084k2i5lLHZKscyV8tjQSkkr26hasdbc/uyV7HTiPhMujEAz
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=76WN
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```
-----END PGP PUBLIC KEY BLOCK-----
```

3.344. Jesper Schmitz Mouridsen <jsm@FreeBSD.org>

```
pub rsa2048/FF27311BCAAD5E73 2018-07-02 [SC] [expires: 2021-07-01]
    Key fingerprint = FEBD 6AF9 E18A C936 7CBC C28E FF27 311B CAAD 5E73
uid                               Jesper Schmitz Mouridsen <jsm@FreeBSD.org>
sub rsa2048/AD7A4081B64D9398 2018-07-02 [E] [expires: 2021-07-01]
```

```
-----BEGIN PGP PUBLIC KEY BLOCK-----
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IE1vdXJpZHNlbiA8anNtQEZYZWVUCU0Qub3JnPOhXBBMRAGAXBQI6p09pBQsHCgME
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=76WN
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=UZDe
-----END PGP PUBLIC KEY BLOCK-----
```

3.345. Masafumi NAKANE <max@FreeBSD.org >

```
pub 1024D/CE356B59 2000-02-19 Masafumi NAKANE <max@wide.ad.jp>
    Key fingerprint = EB40 BCAB 4CE5 0764 9942 378C 9596 159E CE35 6B59
uid                               Masafumi NAKANE <max@FreeBSD.org>
uid                               Masafumi NAKANE <max@accessibility.org>
uid                               Masafumi NAKANE <kd5pdi@qsl.net>
sub 1024g/FA9BD48B 2000-02-19
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.2.2 (FreeBSD)
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ns41a1lUuwCgsIhWJdtPBebKV6w+NQ/8jlkJgrwAnj9LZkiTAgllE/vcF7yPbY7f
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-----END PGP PUBLIC KEY BLOCK-----
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3.346. Maho Nakata <maho@FreeBSD.org >

```
pub 1024D/F28B4069 2009-02-09
    Key fingerprint = 3FE4 99A9 6F41 8161 4F5F 240C 8615 A60C F28B 4069
uid                               Maho NAKATA (NAKATA's FreeBSD.org alias) <maho@FreeBSD.org>
sub 2048g/6B49098E 2009-02-09
```

-----BEGIN PGP PUBLIC KEY BLOCK-----

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-----END PGP PUBLIC KEY BLOCK-----

3.347. Yoichi NAKAYAMA <yoichi@FreeBSD.org >

```
pub 1024D/E0788E46 2000-12-28 Yoichi NAKAYAMA <yoichi@assist.media.nagoya-u.ac.jp>
    Key fingerprint = 1550 2662 46B3 096C 0460 BC03 800D 0C8A E078 8E46
uid                               Yoichi NAKAYAMA <yoichi@eken.phys.nagoya-u.ac.jp>
uid                               Yoichi NAKAYAMA <yoichi@FreeBSD.org>
sub 1024g/B987A394 2000-12-28
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-----BEGIN PGP PUBLIC KEY BLOCK-----

Version: GnuPG v1.0.6 (GNU/Linux)

Comment: KUHASIKU WA <http://www.gnupg.org/> WO GORANKUDASAI

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-----END PGP PUBLIC KEY BLOCK-----
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3.348. Edward Tomasz Napierała <trasz@FreeBSD.org >

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pub   rsa2048/242283F95C24FFBA 2017-03-18 [SC] [expires: 2020-03-17]
      Key fingerprint = 6EF8 C17B 586E EAED 4D7A 29E3 2422 83F9 5C24 FFBA
uid   Edward Tomasz Napierała <trasz@FreeBSD.org>
sub   rsa2048/E05120C93CF82625 2017-03-18 [E] [expires: 2020-03-17]
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-----END PGP PUBLIC KEY BLOCK-----
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3.349. Neel Natu <neel@FreeBSD.org >

```
pub   2048R/8E023181B17DA72B 2014-09-25 [expires: 2017-09-24]
      Key fingerprint = 1251 B214 E559 D763 A12C 96F4 8E02 3181 B17D A72B
uid   Neel Natu <neel@freebsd.org>
sub   2048R/1F906913DB152E10 2014-09-25 [expires: 2017-09-24]
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-----END PGP PUBLIC KEY BLOCK-----
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3.350. David Naylor <dbn@FreeBSD.org>

```
pub  rsa4096/35C84A0DEC1D97CD 2014-03-06 [SC] [expires: 2020-03-20]
      Key fingerprint = A372 D3E1 D587 2D99 A5FF F243 35C8 4A0D EC1D 97CD
uid   David Naylor (Private) <naylor.b.david@gmail.com>
uid   David Naylor (FreeBSD) <dbn@FreeBSD.org>
sub   rsa4096/AD63FA8DD6B2DA55 2014-03-06 [S] [expires: 2020-03-08]
      Key fingerprint = 948E C511 A27F 0302 E799 B53A AD63 FA8D D6B2 DA55
sub   rsa4096/88D62359F19D95D0 2014-03-06 [E] [expires: 2020-03-08]
      Key fingerprint = A198 8E3A 1A14 66C7 ADE2 13F2 88D6 2359 F19D 95D0
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3.351. Alexander Nedotsukov <bland@FreeBSD.org>

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pub 1024D/D004116C 2003-08-14 Alexander Nedotsukov <bland@FreeBSD.org>
Key fingerprint = 35E2 5020 55FC 2071 4ADD 1A4A 86B6 8A5D D004 116C
sub 1024g/1CCA8D46 2003-08-14
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3.352. Jochen Neumeister <joneum@FreeBSD.org>

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pub rsa2048/9311C2CFE5669C5C 2017-05-15 [SC] [verfällt: 2020-05-14]
Schl.-Fingerabdruck = 9C12 1C62 8850 D4C1 AE06 D509 9311 C2CF E566 9C5C
uid Jochen Neumeister <joneum@FreeBSD.org>
sub rsa2048/A95E7B3C43AF6657 2017-05-15 [E] [verfällt: 2020-05-14]
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3.353. George V. Neville-Neil <gnn@FreeBSD.org >

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pub 1024D/440A33D2 2002-09-17
Key fingerprint = AF66 410F CC8D 1FC9 17DB 6225 61D8 76C1 440A 33D2
uid George V. Neville-Neil <gnn@freebsd.org>
uid George V. Neville-Neil <gnn@neville-neil.com>
sub 2048g/95A74F6E 2002-09-17
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3.354. Simon L. B. Nielsen <simon@FreeBSD.org>

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pub 1024D/FF7490AB 2007-01-14
    Key fingerprint = 4E92 BA8D E45E 85E2 0380 B264 049C 7480 FF74 90AB
uid Simon L. Nielsen <simon@FreeBSD.org>
uid Simon L. Nielsen <simon@nitro.dk>
sub 2048g/E3F5A76E 2007-01-14
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-----END PGP PUBLIC KEY BLOCK-----
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3.355. Robert Noland <rnoiland@FreeBSD.org>

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pub 1024D/8A9F44E3 2007-07-24
    Key fingerprint = 107A 0C87 E9D0 E581 677B 2A28 3384 EB43 8A9F 44E3
uid Robert C. Noland III <rnoiland@FreeBSD.org>
uid Robert C. Noland III (Personal Key) <rnoiland@2hip.net>
sub 2048g/76C3CF00 2007-07-24
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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=bQIC
-----END PGP PUBLIC KEY BLOCK-----
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3.356. Anders Nordby <anders@FreeBSD.org >

```
pub 1024D/00835956 2000-08-13 Anders Nordby <anders@fix.no>
    Key fingerprint = 1E0F C53C D8DF 6A8F EAAD 19C5 D12A BC9F 0083 5956
uid                                Anders Nordby <anders@FreeBSD.org>
sub 2048g/4B160901 2000-08-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.357. Michael Nottebrock <lofi@FreeBSD.org >

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pub 1024D/6B2974B0 2002-06-06 Michael Nottebrock <michaelnottebrock@gmx.net>
Key fingerprint = 1079 3C72 0726 F300 B8EC 60F9 5E17 3AF1 6B29 74B0
uid Michael Nottebrock <lofi@freebsd.org>
uid Michael Nottebrock <lofi@tigress.com>
uid Michael Nottebrock <lofi@lofi.dyndns.org>
uid Michael Nottebrock <michaelnottebrock@web.de>
uid Michael Nottebrock <michaelnottebrock@meitner.wh.uni-
dortmund.de>
sub 1024g/EF652E04 2002-06-06 [expires: 2004-06-15]
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-----END PGP PUBLIC KEY BLOCK-----
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3.358. David O'Brien <obrien@FreeBSD.org >

```
pub 1024R/34F9F9D5 1995-04-23 David E. O'Brien <defunct - obrien@Sea.Legent.com>
Key fingerprint = B7 4D 3E E9 11 39 5F A3 90 76 5D 69 58 D9 98 7A
uid David E. O'Brien <obrien@NUXI.com>
uid deobrien@ucdavis.edu
uid David E. O'Brien <whois Do38>
uid David E. O'Brien <obrien@FreeBSD.org>
uid David E. O'Brien <dobrien@seas.gwu.edu>
uid David E. O'Brien <obrien@cs.ucdavis.edu>
uid David E. O'Brien <defunct - obrien@media.sra.com>
uid David E. O'Brien <obrien@elsewhere.roanoke.va.us>
uid David E. O'Brien <obrien@Nuxi.com>

pub 1024D/7F9A9BA2 1998-06-10 "David E. O'Brien" <obrien@cs.ucdavis.edu>
Key fingerprint = 02FD 495F D03C 9AF2 5DB7 F496 6FC8 DABD 7F9A 9BA2
uid "David E. O'Brien" <obrien@NUXI.com>
uid "David E. O'Brien" <obrien@FreeBSD.org>
sub 3072g/BA32C20D 1998-06-10
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.359. Jimmy Olgeni <olgeni@FreeBSD.org >

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3.360. Phil Shafer <phil@FreeBSD.org>

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3.361. Philip Paeps <philip@FreeBSD.org>

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uid  Philip Paeps <philip@trouble.is>
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3.362. Josh Paetzel <jpaetzel@FreeBSD.org>

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3.363. Gábor Páli <pgj@FreeBSD.org >

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3.364. Hiren Panchasara <hiren@FreeBSD.org >

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pub 2048R/8B9250E1563EDFE5 2014-05-13 [expires: 2017-05-12]
Key fingerprint = A4E2 0FA1 D878 8F3F 17E6 6F02 8B92 50E1 563E DFE5
uid hiren panchasara <hiren@freebsd.org>
sub 2048R/EAF1BEDEBEEA242B 2014-05-13 [expires: 2017-05-12]
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-----END PGP PUBLIC KEY BLOCK-----
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3.365. Hiten Pandya <hmp@FreeBSD.org>

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pub 1024D/938CAC8 2004-02-13 Hiten Pandya (FreeBSD) <hmp@FreeBSD.org>
    Key fingerprint = 84EB C75E C75A 50ED 304E E446 D974 7842 938C ACAB
uid                               Hiten Pandya <hmp@backplane.com>
sub 2048g/783874B5 2004-02-13
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-----END PGP PUBLIC KEY BLOCK-----
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3.366. Yuri Pankov <yuripv@FreeBSD.org>

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pub rsa2048/938BE07FB12AE16C 2018-10-09 [SC] [expires: 2021-10-08]
    Key fingerprint = F86A B73E C3DE 2D3E 2D2F FF70 938B E07F B12A E16C
uid                               Yuri Pankov <yuripv@FreeBSD.org>
uid                               Yuri Pankov <yuripv@yuripv.net>
sub rsa2048/46D3CC02A35E1B43 2018-10-09 [E] [expires: 2021-10-08]
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-----END PGP PUBLIC KEY BLOCK-----
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3.367. Dima Panov <fluffy@FreeBSD.org >

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pub 1024D/93E3B018 2006-11-08
Key fingerprint = C73E 2B72 1FFD 61BD E206 1234 A626 76ED 93E3 B018
uid Dima Panov (FreeBSD.ORG Committer) <fluffy@FreeBSD.ORG>
uid Dima Panov (at home) <Fluffy@Fluffy.Khv.RU>
uid Dima Panov (at home) <fluffy.khv@gmail.com>
sub 2048g/89047419 2006-11-08

pub 4096R/D5398F29 2009-08-09
Key fingerprint = 2D30 2CCB 9984 130C 6F87 BAFC FB8B A09D D539 8F29
uid Dima Panov (FreeBSD.ORG Committer) <fluffy@FreeBSD.ORG>
uid Dima Panov (at Home) <fluffy@Fluffy.Khv.RU>
uid Dima Panov (at GMail) <fluffy.khv@gmail.com>
sub 4096R/915A7785 2009-08-09
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3.368. Andrew Pantyukhin <sat@FreeBSD.org >

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pub 1024D/6F38A569 2006-05-06
    Key fingerprint = 4E94 994A C2EF CB86 C144 3B04 3381 67C0 6F38 A569
uid Andrew Pantyukhin <infofarmer@gubkin.ru>
uid Andrew Pantyukhin <sat@FreeBSD.org>
uid Andrew Pantyukhin <infofarmer@gmail.com>
uid Andrew Pantyukhin <infofarmer@mail.ru>
sub 2048g/5BD4D469 2006-05-06
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3.369. Navdeep Parhar <np@FreeBSD.org >

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pub 1024D/ACAB8812 2009-06-08
Key fingerprint = C897 7AFB AFC0 4DA9 7B76 D991 CAB2 2B93 ACAB 8812
uid Navdeep Parhar <np@FreeBSD.org>
sub 2048g/AB61D2DC 2009-06-08
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3.370. Roger Pau Monné <royger@FreeBSD.org >

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pub 2048R/A5D976A532BA64C0 2012-07-10
Huella de clave = F443 1572 D188 7D22 3605 A2A6 A5D9 76A5 32BA 64C0
uid Roger Pau Monné <royger.pau@citrix.com>
```

```
uid Roger Pau Monné <royger@NetBSD.org>
uid Roger Pau Monné <roger.pau@entel.upc.edu>
uid Roger Pau Monné <royger@FreeBSD.org>
uid Roger Pau Monne (NetBSD) <roger.pau@citrix.com>
sub 2048R/6927D92634ED085B 2012-07-10
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3.371. Rui Paulo <rpaulo@FreeBSD.org >

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pub 4096R/39CB4153 2010-02-03
Key fingerprint = ABE8 8465 DE8F F04D E9C8 3FF6 AF89 B2E6 39CB 4153
uid Rui Paulo <rpaulo@FreeBSD.org>
uid Rui Paulo <rpaulo@gmail.com>
sub 4096R/F87D2F34 2010-02-03
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3.372. Mikhail Pchelin <misha@FreeBSD.org >

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pub  rsa2048/A2DC12FB25611BD8 2016-11-22 [SC] [expires: 2019-11-22]
     Key fingerprint = 3E2E 6813 B96B 12C0 2561 B75F A2DC 12FB 2561 1BD8
uid  Mikhail Pchelin <misha@freebsd.org>
uid  Mikhail Pchelin <Mikhail.Pchelin@gmail.com>
sub  rsa2048/E54033B8F67AD345 2016-11-22 [E] [expires: 2019-11-22]
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3.373. Jean-Sébastien Pédron <dumbbell@FreeBSD.org >

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pub  rsa4096/D938F9C86816981C 2014-01-14 [SC] [expires: 2019-01-11]
     Key fingerprint = D72F 4B84 7098 9244 20E6 2B93 D938 F9C8 6816 981C
uid          Jean-Sébastien Pédron <jean-sebastien.pedron@dumbbell.fr>
uid          Jean-Sébastien Pédron <dumbbell@FreeBSD.org>
uid          Jean-Sébastien Pédron <jean-sebastien@rabbitmq.com>
sub  rsa4096/A185D28321B02B03 2014-01-14 [E] [expires: 2019-01-11]
     Key fingerprint = FDC4 0948 8453 5198 3EA1 5F56 A185 D283 21B0 2B03
sub  rsa4096/39E99761A5FD94CC 2014-01-14 [S] [expires: 2019-01-11]
     Key fingerprint = 6708 7FD1 AEAE 0E12 DBC6 A6F0 39E9 9761 A5FD 94CC
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3.374. Mark Peek <mp@FreeBSD.org >

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uid  Mark Peek <mark@peek.org>
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3.375. Peter Pentchev <roam@FreeBSD.org >

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Key fingerprint = FD8A FD79 C26F 3C51 C95E DF9E ED18 B68D 1619 4553
uid Peter Pentchev <roam@ringlet.net>
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uid Peter Pentchev <roam@sbnd.net>
uid Peter Pentchev <roam@online.bg>
uid Peter Pentchev <roam@orbitel.bg>
uid Peter Pentchev <roam@FreeBSD.org>
uid Peter Pentchev <roam@techlab.office1.bg>
uid Peter Pentchev <roam@hoster.bg>
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uid      Peter Pentchev <roam@cpan.org>
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-----END PGP PUBLIC KEY BLOCK-----
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3.376. Denis Peplin <den@FreeBSD.org >

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pub 1024D/485DDDF5 2003-09-11 Denis Peplin <den@FreeBSD.org>
Key fingerprint = 495D 158C 8EC9 C2C1 80F5 EA96 6F72 7C1C 485D DDF5
sub 1024g/E70BA158 2003-09-11
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-----END PGP PUBLIC KEY BLOCK-----
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3.377. Christian S.J. Peron <csjp@FreeBSD.org >

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pub 1024D/033FA33C 2009-05-16
Key fingerprint = 74AA 6040 89A7 936E D970 DDC0 CC71 6954 033F A33C
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uid      Christian S.J. Peron <csjpf@FreeBSD.ORG>
sub      2048g/856B194A 2009-05-16
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3.378. Gerald Pfeifer <gerald@FreeBSD.org >

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pub      1024D/A5B3A004745C015A 1999-11-09
          Key fingerprint = B215 C163 3BCA 0477 615F 1B35 A5B3 A004 745C 015A
uid      Gerald Pfeifer <gerald@pfeifer.com>
uid      Gerald Pfeifer <gp@suse.com>
uid      Gerald Pfeifer <gp@novell.com>
uid      Gerald Pfeifer <gerald@FreeBSD.org>
sub      1536g/00EAD7F3F0156927 1999-11-09
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3.379. D Scott Phillips <scottph@FreeBSD.org >

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Key fingerprint = CA2E 7B9E 4514 FC3B 4D3F 70A1 8A1A 4473 E552 4D8B
uid D Scott Phillips <d.scott.phillips@intel.com>
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uid D Scott Phillips <scottph@FreeBSD.org>
sub ed25519/75FA6154364DAC7C 2019-05-31 [S]
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3.380. Giuseppe Pilichi <jacula@FreeBSD.org >

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Key fingerprint = 31AD 73AE 0EC0 16E5 4108 8391 D942 5F20 8B9F 4B8B
uid Giuseppe Pilichi (Jacula Modyun) <jacula@FreeBSD.org>
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uid Giuseppe Pilichi (Jacula Modyun) <gpilch@gmail.com>
uid Giuseppe Pilichi (Jacula Modyun) <jacula@gmail.com>
sub 4096R/FB4D05A3 2006-03-08
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3.381. Mateusz Piotrowski <0mp@FreeBSD.org>

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pub  rsa2048/48C66F397C591B65 2018-07-16 [SC] [expires: 2021-07-15]
      Key fingerprint = 0FEF 83BF 2B18 FCB2 F22A 072F 48C6 6F39 7C59 1B65
uid   Mateusz Piotrowski <0mp@FreeBSD.org>
sub  rsa2048/58DE64DA5D369982 2018-07-16 [E] [expires: 2021-07-15]
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3.382. Luca Pizzamiglio <pizzamig@FreeBSD.org>

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pub  rsa2048/7902AC39047F0596 2017-09-01 [SC] [expires: 2020-08-31]
      Key fingerprint = 970A 2223 AAAA 08B5 4F38 5A08 7902 AC39 047F 0596
uid   Luca Pizzamiglio <pizzamig@FreeBSD.org>
sub  rsa2048/BDC018FB5DC2DAA2 2017-09-01 [E] [expires: 2020-08-31]
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-----END PGP PUBLIC KEY BLOCK-----
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3.383. Ravi Pokala <rpokala@FreeBSD.org >

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pub  rsa2048/6B10EA3564AB91D0 2018-08-27 [SC] [expires: 2021-08-26]
      Key fingerprint = 4681 5310 8C37 0E0C 77BF F228 6B10 EA35 64AB 91D0
uid  Ravi Pokala <rpokala@freebsd.org>
sub  rsa2048/028221157C36360C6 2018-08-27 [E] [expires: 2021-08-26]
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3.384. John Polstra <jdp@FreeBSD.org >

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pub 1024R/BFBCF449 1997-02-14 John D. Polstra <jdp@polstra.com>
Key fingerprint = 54 3A 90 59 6B A4 9D 61 BF 1D 03 09 35 8D F6 0D

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.385. Kirill Ponomarew <krion@FreeBSD.org >

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pub rsa2048/0F223DFCB302CA45 2017-01-24 [SC] [expires: 2022-09-08]
Key fingerprint = 2421 D116 1100 42E8 CA9E 2D69 0F22 3DFC B302 CA45
uid Kirill Ponomarew <kp@krion.cc>
uid Kirill Ponomarew <krion@FreeBSD.org>
sub rsa2048/689A26385A12AC21 2017-01-24 [E] [expires: 2022-09-08]

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3.386. Stephane E. Potvin <sepotvin@FreeBSD.org>

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pub 1024D/3097FE7B 2002-08-06
Key fingerprint = 6B56 62FA ADE1 6F46 BB62 8B1C 99D3 97B5 3097 FE7B
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uid      Stephane E. Potvin <sepotvin@videotron.ca>
uid      Stephane E. Potvin <stephane.potvin@telcobridges.com>
uid      Stephane E. Potvin <stephane_potvin@telcobridges.com>
uid      Stephane E. Potvin <sepotvin@FreeBSD.org>
sub      2048g/0C427BC9 2002-08-06
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3.387. Carlos J. Puga Medina <cpm@FreeBSD.org >

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pub      2048R/A1F35D66E6D05453 2015-07-25 [expires: 2018-06-01]
          Key fingerprint = C60E 9497 5302 793B CC2D BB89 A1F3 5D66 E6D0 5453
uid      Carlos Jacobo Puga Medina <cpm@FreeBSD.org>
uid      Carlos Jacobo Puga Medina <cjpm@gmx.es>
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3.388. Mark Pulford <markp@FreeBSD.org >

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pub 1024D/182C368F 2000-05-10 Mark Pulford <markp@FreeBSD.org>
Key fingerprint = 58C9 C9BF C758 D8D4 7022 8EF5 559F 7F7B 182C 368F
uid Mark Pulford <mark@kyne.com.au>
sub 2048g/380573E8 2000-05-10

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.389. Alejandro Pulver <alepulver@FreeBSD.org>

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pub 1024D/945C3F61 2005-11-13
Key fingerprint = 085F E8A2 4896 4B19 42A4 4179 895D 3912 945C 3F61
uid Alejandro Pulver (Ale's GPG key pair) <alepulver@FreeBSD.org>
uid Alejandro Pulver (Ale's GPG key pair) <alejandro@varnet.biz>
sub 2048g/6890C6CA 2005-11-13
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3.390. Kristof Provost <kp@FreeBSD.org >

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pub  rsa2048/6FC4DC71FB5E4A46 2015-03-23 [SC] [expires: 2020-03-23]  
    Key fingerprint = 86FB A6CE 751B B4CC 9A0E 5172 6FC4 DC71 FB5E 4A46  
uid  Kristof Provost <kp@freebsd.org>  
sub  rsa2048/7287BC16FB5B8FA1 2015-03-23 [E] [expires: 2020-03-23]
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3.391. Thomas Quinot <thomas@FreeBSD.org >

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3.392. Herve Quiroz <hq@FreeBSD.org>

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uid          Doug Rabson <dfrr@freebsd.org>
sub 2048R/FCC3E849854E03FC 2015-04-25 [expires: 2018-04-24]
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3.394. Muhammad Moinur Rahman <bofh@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.395. Santhosh Raju <fox@FreeBSD.org >

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uid   Santhosh Raju (FreeBSD email) <fox@freebsd.org>
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3.396. Lars Balker Rasmussen <lbr@FreeBSD.org >

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pub 1024D/9EF6F27F 2006-04-30
     Key fingerprint = F251 28B7 897C 293E 04F8 71EE 4697 F477 9EF6 F27F
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3.397. Chris Rees <crees@FreeBSD.org >

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pub 2048R/900F45A61E12E96A 2012-08-26
     Key fingerprint = 8C57 BE3B D320 5FFC C4C3 C0B0 900F 45A6 1E12 E96A
uid                               Chris Rees <crees@physics.org>
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sub 2048R/A703CC3500749D52 2015-03-08 [expires: 2018-03-07]
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3.398. Jim Rees <rees@FreeBSD.org >

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pub 512/B623C791 1995/02/21 Jim Rees <rees@umich.edu>
   Key fingerprint = 02 5F 1B 15 B4 6E F1 3E F1 C5 E0 1D EA CC 17 88
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3.399. Michael Reifenberger <mr@FreeBSD.org >

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   Schl.-Fingerabdruck = 8695 9903 4744 6EF8 E18D 177C 335E 9D48 E27A 80A0
uid                               Michael Reifenberger <mr@freebsd.org>
uid                               Michael Reifenberger <mike@reifenberger.com>
sub 4096R/898AF56CFE7CD649 2013-11-04 [verfällt: 2018-11-03]
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3.400. Benedict Reuschling <bcr@FreeBSD.org >

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uid Benedict Reuschling (www.freebsd.org) <bcr@FreeBSD.org>
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3.401. Matthew Rezny <rezny@FreeBSD.org >

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3.402. Tom Rhodes <trhodes@FreeBSD.org>

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pub 1024D/FB7D88E1 2008-05-07
Key fingerprint = 8279 3100 2DF2 F00E 7FDD AC2C 5776 23AB FB7D 88E1
uid Tom Rhodes (trhodes) <trhodes@FreeBSD.org>
sub 4096g/7B0CD79F 2008-05-07
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Version: GnuPG v2.0.9 (FreeBSD)
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3.403. Benno Rice <benno@FreeBSD.org>


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pub 4096R/2B378974 2014-03-18 [expires: 2024-03-15]
Key fingerprint = A9EE CFD4 5F9E 4F9B B2EB CDD2 4C06 467A 2B37 8974
uid [ unknown] keybase.io/benno <benno@keybase.io>
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3.404. Alex Richardson <arichardson@FreeBSD.org>

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pub   rsa2048/563FFE62ECD8909F 2017-10-30 [SC] [expires: 2020-10-29]  
      Key fingerprint = 16F8 9773 5BBD 6555 867B BEE1 563F FE62 ECD8 909F  
uid   Alex Richardson <arichardson@FreeBSD.org>  
sub   rsa2048/D6CA03D027F6F6B5 2017-10-30 [E] [expires: 2020-10-29]
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3.405. Beech Rintoul <beech@FreeBSD.org>

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uid   Beech Rintoul <beech@freebsd.org>  
sub   2048g/960F45D9 2013-02-26
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3.406. Matteo Riondato <matteo@FreeBSD.org >

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    Key fingerprint = F0F3 1B43 035D 65B1 08E9 4D66 D8CA 78A5 1EC5 6BEC
uid Matteo Riondato (Rionda) <matteo@FreeBSD.ORG>
uid Matteo Riondato (Rionda) <rionda@riondabsd.net>
uid Matteo Riondato (Rionda) <rionda@gufi.org>
uid Matteo Riondato (Rionda) <matteo@riondato.com>
uid Matteo Riondato (Rionda) <rionda@riondato.com>
uid Matteo Riondato (Rionda) <rionda@FreeSBIE.ORG>
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3.407. Ollivier Robert <roberto@FreeBSD.org>

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3.408. Craig Rodrigues <rodrigc@FreeBSD.org >

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pub 1024D/3998479D 2005-05-20
Key fingerprint = F01F EBE6 F5C8 6DC2 954F 098F D20A 8A2A 3998 479D
uid Craig Rodrigues <rodrigc@freebsd.org>
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3.409. Larry Rosenman <ler@FreeBSD.org >

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      Key fingerprint = 1E38 249D E761 5B3B C983 0573 697C 99B1 AB48 A77D
uid  Larry Rosenman <ler@FreeBSD.org>
uid  Larry Rosenman <ler@lerctr.org>
uid  Larry Rosenman <larryrtx@gmail.com>
uid  Larry Rosenman (WhereTo Senior Site Reliability
Engineer) <larry@whereto.com>
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3.410. Craig Leres <leres@FreeBSD.org >

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pub  rsa2048/E6A12D12FCBF85E5 2017-09-08 [SC] [expires: 2020-09-07]
Key fingerprint = A754 2364 5207 B964 2016 17E1 E6A1 2D12 FCBF 85E5
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```
uid          Craig Leres <leres@freebsd.org>
uid          Craig Leres <leres@ee.lbl.gov>
uid          Craig Leres <leres@xse.com>
uid          Craig Leres <craigleres@gmail.com>
sub  rsa2048/6C3DC722090D9F71 2017-09-08 [E] [expires: 2020-09-07]
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3.411. Bartek Rutkowski <robak@FreeBSD.org >

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pub 4096R/280E1199 2013-06-17 [expires: 2017-06-17]
    Key fingerprint = D292 1363 AE61 D2BE 1740 9ED2 D99F C356 280E 1199
uid Bartek Rutkowski <robak@freebsd.org>
uid Bartek Rutkowski <contact@robakdesign.com>
uid Bartek Rutkowski <r@robakdesign.com>
sub 4096R/36F01FFE 2013-06-17 [expires: 2017-06-17]
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Version: GnuPG/MacGPG2 v2.0.22 (Darwin)
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-----END PGP PUBLIC KEY BLOCK-----
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3.412. Guido van Rooij <guido@FreeBSD.org>

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pub dsa1024/2471117FA95102C1 2000-10-25 [SCA]
Key fingerprint = 5B3E 51B7 0E7A D170 0574 1E51 2471 117F A951 02C1
uid Guido van Rooij <guido@freebsd.org>
uid Guido van Rooij <guido@gvr.org>
uid Guido van Rooij <guido@madison-gurkha.nl>
uid Guido van Rooij <guido@madison-gurkha.com>
sub elg1024/16F7CB9BA5F20553 2000-10-25 [E]
sub rsa4096/C4BA4550BF5EC086 2013-09-09 [S]
sub rsa4096/C695FB4FA4FCE8C3 2013-09-09 [E]
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3.413. Eygene Ryabinkin <rea@FreeBSD.org >

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pub 3072D/8152ECFB 2010-10-27
Key fingerprint = 82FE 06BC D497 C0DE 49EC 4FF0 16AF 9EAE 8152 ECFB
uid Eygene Ryabinkin <rea-fbsd@code4labs.ru>
uid Eygene Ryabinkin <rea@freebsd.org>
uid Eygene Ryabinkin <rea@code4labs.ru>
sub 3072g/5FC03749 2010-10-27

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3.414. Aleksandr Rybalko <ray@FreeBSD.org>

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pub 2048R/4B7B7A4E 2011-05-24
    Key fingerprint = BB9F D01D 7327 0B33 B2F5 6C72 EC49 E6ED 4B7B 7A4E
uid Aleksandr Rybalko (Aleksandr Rybalko FreeBSD project &
identification) <ray@freebsd.org>
sub 2048R/99F9F9EF 2011-05-24

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3.415. Andrew Rybchenko <arybchik@FreeBSD.org>

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pub 2048R/BB509584A3F4AEE6 2014-12-26 [expires: 2017-12-25]
    Key fingerprint = C2E0 7B36 3A25 75E5 75EB FF79 BB50 9584 A3F4 AEE6
uid Andrew Rybchenko <arybchenko@solarflare.com>
uid Andrew Rybchenko <arybchik@FreeBSD.org>
uid Andrew Rybchenko <Andrew.Rybchenko@oktetlabs.ru>
uid Andrew Rybchenko <arybchik@gmail.com>
sub 2048R/BB28B694A902C314 2014-12-26 [expires: 2017-12-25]

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3.416. Niklas Saers <niklas@FreeBSD.org >

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pub 1024D/C822A476 2004-03-09 Niklas Saers <niklas@saers.com>
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sub 1024g/81E2FF36 2004-03-09
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3.417. Boris Samorodov <bsam@FreeBSD.org >

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      Key fingerprint = 8848 3672 3C1B C02B EA0B 5674 960E 20B0 3A3F 6D28
uid   Boris Samorodov <bsam@FreeBSD.org>
uid   Boris Samorodov <bsam@passap.ru>
sub  rsa4096/41BFAE676CF00B2D 2013-11-22 [E] [expires: 2023-11-18]
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=ffTg
-----END PGP PUBLIC KEY BLOCK-----
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3.418. Mark Santcroos <marks@FreeBSD.org >

```
pub 1024D/DBE7EB8E 2005-03-08
Key fingerprint = C0F0 44F3 3F15 520F 6E32 186B BE0A BA42 DBE7 EB8E
uid Mark Santcroos <marks@ripe.net>
uid Mark Santcroos <mark@santcroos.net>
uid Mark Santcroos <marks@freebsd.org>
sub 2048g/FFF80F85 2005-03-08
```

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-----BEGIN PGP PUBLIC KEY BLOCK-----

mQGIBeItZGARBADLwd04ILGjaq10V/1cNTU36Ggwx2fKt10QSFgfzkQDB2F0R/P
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KvC79obIrPNdTr8quYyZf0EALQbGGXPhgZN8A8u+PebwIajKxMTxqPnJbcImwRd
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-----END PGP PUBLIC KEY BLOCK-----
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3.419. Alonso Schaich <alonso@FreeBSD.org >


```
pub 2048R/FF8F6B6D0AACFC67 2014-08-27 [expires: 2017-08-26]
    Key fingerprint = FED5 7BC8 DEB9 94D9 B52C 0A35 FF8F 6B6D 0AAC FC67
uid                               Alonso Schaich <alonso@freebsd.org>
sub 2048R/34F58C3CB680DE68 2014-08-27 [expires: 2017-08-26]
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-----END PGP PUBLIC KEY BLOCK-----

3.420. Bernhard Schmidt <bschmidt@FreeBSD.org>

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pub 1024D/5F754FBC 2009-06-15
    Key fingerprint = 6B87 C8A9 6BA5 6B18 11CF 8C38 A1B7 0731 5F75 4FBC
uid                               Bernhard Schmidt <bschmidt@FreeBSD.org>
uid                               Bernhard Schmidt <bschmidt@techwires.net>
sub 1024g/1945DC1D 2009-06-15
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3.421. Wolfram Schneider <wosch@FreeBSD.org >

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pub  rsa4096/8159601B91151BAB 2017-07-17 [SC]
     Key fingerprint = DA86 C439 E28D 0BA8 F032 BDC6 8159 601B 9115 1BAB
uid  Wolfram Schneider <wosch@FreeBSD.org>
sub  rsa4096/DD3A53A813820060 2017-07-17 [E]
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3.422. Ed Schouten <ed@FreeBSD.org >

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pub 2048R/A407DC0D9F74246B 2016-03-03 [expires: 2021-03-02]
    Key fingerprint = F8CB 2A43 4CCA AEE7 F0BF 64A7 A407 DC0D 9F74 246B
uid                               Ed Schouten (FreeBSD, https://freebsd.org/) <ed@freebsd.org>
uid                               Ed Schouten (Nuxi, https://nuxi.nl/) <ed@nuxi.nl>
sub 2048R/66C17FAB03333635 2016-03-03 [expires: 2021-03-02]
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-----END PGP PUBLIC KEY BLOCK-----
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3.423. Cy Schubert <cy@FreeBSD.org >

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pub 1024D/CC81BA38D8BFCD8E 2000-01-08
    Key fingerprint = 8F40 99AC E9E3 7AB7 CB26 AF0C CC81 BA38 D8BF CD8E
uid                               Cy Schubert <Cy.Schubert@komquats.com>
uid                               Cy Schubert <cy@komquats.com>
uid                               Cy Schubert <cy@FreeBSD.org>
uid                               Cy Schubert <Cy.Schubert@cshubert.com>
uid                               Cy Schubert <cy@cshubert.com>
uid                               Cy Schubert <Cy.Schubert@vibsd.org>
```

uid Cy Schubert <cy@vibsd.org>
uid Cy Schubert <Cy.Schubert@vibsd.net>
uid Cy Schubert <cy@vibsd.net>
sub 3072g/F1FECA6C86D691BA 2000-01-08

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-----END PGP PUBLIC KEY BLOCK-----

3.424. David Schultz <das@FreeBSD.org >

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pub 1024D/BE848B57 2001-07-19 David Schultz <das@FreeBSD.ORG>
   Key fingerprint = 0C12 797B A9CB 19D9 FDAF 2A39 2D76 A2DB BE84 8B57
uid David Schultz <dscultz@uclink.Berkeley.EDU>
uid David Schultz <das@FreeBSD.ORG>
sub 2048g/69206E8E 2001-07-19
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3.425. Michael Scheidell <scheidell@FreeBSD.org >

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pub 2048R/34622C1D 2011-11-16
   Key fingerprint = 0A0C 9ECA 18EC 47AC C715 2187 91B9 F9FE 3462 2C1D
uid Michael Scheidell <scheidell@freebsd.org>
sub 2048R/8F241971 2011-11-16
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3.426. Jens Schweikhardt <schweikh@FreeBSD.org>

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pub 1024D/0FF231FD 2002-01-27 Jens Schweikhardt <schweikh@FreeBSD.org>
    Key fingerprint = 3F35 E705 F02F 35A1 A23E 330E 16FE EA33 0FF2 31FD
uid                               Jens Schweikhardt <schweikh@schweikhardt.net>
sub 1024g/6E93CACC 2002-01-27 [expires: 2005-01-26]

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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org

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3.427. Matthew Seaman <matthew@FreeBSD.org>

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3.428. Thomas-Martin Seck <tmseck@FreeBSD.org >

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pub 1024D/DF46EE05 2000-11-22
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uid          Thomas-Martin Seck (Privat 2) <tmseck@netcologne.de>
uid          Thomas-Martin Seck (Privat) <tmseck@web.de>
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3.429. Stanislav Sedov <stas@FreeBSD.org >

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pub 2048R/5617EAFB 2013-09-15 [expires: 2018-09-14]
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3.430. Johannes Lundberg <johalun@FreeBSD.org >

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      Key fingerprint = 93A4 33AF 441C 69C1 A76C F2D1 EA12 C703 EFA3 79E9
uid  Johannes Lundberg <johalun@FreeBSD.org>
sub  rsa2048/3CB8D2FC2F4505B3 2019-01-21 [E] [expires: 2022-01-20]
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3.431. Johan van Selst <johans@FreeBSD.org >

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pub 4096R/D3AE8D3A 2009-09-01
    Key fingerprint = 31C8 D089 DDB6 96C6 F3C1 29C0 A9C8 6C8D D3AE 8D3A
uid          Johan van Selst
uid          Johan van Selst <johans@gletsjer.net>
uid          Johan van Selst <johans@stack.nl>
uid          Johan van Selst <johans@FreeBSD.org>
uid          Johan van Selst (GSWoT:NL50) <johans@gswot.org>
sub 2048R/B002E38C 2009-09-01
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3.432. Lev Serebryakov <lev@FreeBSD.org >

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3.433. Bakul Shah <bakul@FreeBSD.org >

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pub 1024D/86AEE4CB 2006-04-20
    Key fingerprint = 0389 26E8 381C 6980 AEC0 10A5 E540 A157 86AE E4CB
uid          Bakul Shah <bakul@freebsd.org>
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3.434. Gregory Neil Shapiro <gshapiro@FreeBSD.org >

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Key fingerprint = 296C 94DB D028 0245 BFD3 91D7 7B52 9648 EE85 7264
uid Gregory Neil Shapiro <gshapiro@gshapiro.net>
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uid Gregory Neil Shapiro <gshapiro@sendmail.org>
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3.435. Arun Sharma <arun@FreeBSD.org >

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pub 1024D/7D112181 2003-03-06 Arun Sharma <arun@sharma-home.net>
    Key fingerprint = A074 41D6 8537 C7D5 070E 0F78 0247 1AE2 7D11 2181
uid                               Arun Sharma <arun@freebsd.org>
uid                               Arun Sharma <arun.sharma@intel.com>
sub 1024g/ACAD98DA 2003-03-06 [expires: 2005-03-05]

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3.436. Wesley Shields <wxS@FreeBSD.org >

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pub 1024D/17F0AA37 2007-12-27
    Key fingerprint = 96D1 2E6B F61C 2F3D 83EF 8F0B BE54 310C 17F0 AA37
uid                               Wesley Shields <wxS@FreeBSD.org>
uid                               Wesley Shields <wxS@atarininja.org>
sub 2048g/2EDA1BB8 2007-12-27

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3.437. Norikatsu Shigemura <nork@FreeBSD.org >

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pub      1024D/7104EA4E 2005-02-14
         Key fingerprint = 9580 60A3 B58A 0864 79CB 779A 6FAE 229B 7104 EA4E
uid      Norikatsu Shigemura <nork@cityfujisawa.ne.jp>
uid      Norikatsu Shigemura <nork@ninth-nine.com>
uid      Norikatsu Shigemura <nork@FreeBSD.org>
sub      4096g/EF56997E 2005-02-14

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3.438. Shteryana Shopova <syrinx@FreeBSD.org>

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pub  rsa4096/7E9F44B735047F7A 2013-09-24 [SC] [expires: 2020-09-01]
      Key fingerprint = 553E E193 4023 FBDC A362 27DF 7E9F 44B7 3504 7F7A
uid   Shteryana Sotirova Shopova <syrinx@FreeBSD.org>
uid   Shteryana Sotirova Shopova <shteryana@FreeBSD.org>
uid   Shteryana Sotirova Shopova <shteryana@gmail.com>
uid   Shteryana Sotirova Shopova <shteryana@protonmail.ch>
sub  rsa4096/A96C9364E509C37A 2013-09-24 [E] [expires: 2020-09-01]
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3.439. Vanilla I. Shu <vanilla@FreeBSD.org >

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pub 1024D/ACE75853 2001-11-20 Vanilla I. Shu <vanilla@FreeBSD.org>
    Key fingerprint = 290F 9DB8 42A3 6257 5D9A 5585 B25A 909E ACE7 5853
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3.440. Ashish SHUKLA <ashish@FreeBSD.org >

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pub  rsa4096/C746CFA9E74FA4B0 2010-04-13 [SC] [expires: 2020-08-30]
    Key fingerprint = F682 CDCC 39DC 0FEA E116 20B6 C746 CFA9 E74F A4B0
uid  Ashish SHUKLA (Lost Case) <ashish.is@lostca.se>
uid  Ashish SHUKLA <wahjava@gmail.com>
uid  Ashish SHUKLA <wahjava@googlemail.com>
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uid  Ashish SHUKLA <wah.java@yahoo.com>
uid  Ashish SHUKLA <wah_java@hotmail.com>
uid  Ashish SHUKLA <wahjava@member.fsf.org>
uid  Ashish SHUKLA (FreeBSD Committer Address) ☞
<ashish@FreeBSD.ORG>
uid  Ashish SHUKLA (Work Address) <ashish@automattic.com>
uid  Ashish SHUKLA (Lost Case) <abbe@lostca.se>
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3.441. Chuck Silvers <chs@FreeBSD.org >

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pub   rsa2048/97DEFCDAA09C580D1 2019-06-26 [SC] [expires: 2022-06-25]
      Key fingerprint = 5DB8 6361 8B57 F913 E501 1A5E 97DE FCDA 09C5 80D1
uid   [email] Chuck Silvers (FreeBSD) <chs@freebsd.org>
uid   [email] Chuck Silvers <chuq@chuq.com>
uid   [email] Chuck Silvers (NetBSD) <chs@netbsd.org>
sub   rsa2048/12A909DC19E973BF 2019-06-26 [E] [expires: 2022-06-25]
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3.442. Bruce M. Simpson < bms@FreeBSD.org >

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pub  rsa2048/A13D3DEBC5A2D20E 2016-12-15 [SC] [expires: 2018-12-15]
      Key fingerprint = 15FD 4752 7CA4 B63C C448 B7E6 A13D 3DEB C5A2 D20E
uid  Bruce Simpson <bms@fastmail.net>
sub  rsa2048/0EBB7A6A17B2442E 2016-12-15 [A] [expires: 2018-12-15]
sub  rsa2048/5504FF6BB948E993 2016-12-15 [E] [expires: 2018-12-15]
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3.443. Dmitry Sivachenko <demon@FreeBSD.org>

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pub 1024D/13D5DF80 2002-03-18 Dmitry Sivachenko <mitya@cavia.pp.ru>
    Key fingerprint = 72A9 12C9 BB02 46D4 4B13 E5FE 1194 9963 13D5 DF80
uid                                     Dmitry S. Sivachenko <demon@FreeBSD.org>
sub 1024g/060F6DBD 2002-03-18
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.444. Jesper Skriver <jesper@FreeBSD.org>

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pub 1024D/F9561C31 2001-03-09 Jesper Skriver <jesper@FreeBSD.org>
    Key fingerprint = 6B88 9CE8 66E9 E631 C9C5 5EB4 22AB F0EC F956 1C31
uid                                     Jesper Skriver <jesper@skriver.dk>
uid                                     Jesper Skriver <jesper@wheel.dk>
sub 1024g/777C378C 2001-03-09
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.445. Ville Skyttä <scop@FreeBSD.org >

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pub 1024D/BCD241CB 2002-04-07 Ville Skyttä <ville.skytta@iki.fi>
    Key fingerprint = 4E0D EBAB 3106 F1FA 3FA9 B875 D98C D635 BCD2 41CB
uid          Ville Skyttä <ville.skytta@xemacs.org>
uid          Ville Skyttä <scop@FreeBSD.org>
sub 2048g/9426F4D1 2002-04-07
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Version: GnuPG v1.0.7 (GNU/Linux)
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3.446. Andrey Slusar <anray@FreeBSD.org>

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pub 1024D/AE7B5418 2005-12-12
Key fingerprint = DE70 C24B 55A0 4A06 68A1 D425 3C59 9A9B AE7B 5418
uid Andrey Slusar <anray@ext.by>
uid Andrey Slusar <anrays@gmail.com>
uid Andrey Slusar <anray@FreeBSD.org>
sub 2048g/7D0EB77D 2005-12-12
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3.447. Florian Smeets <flo@FreeBSD.org >

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pub  rsa4096/EF5BA4DCD5A9F3C0 2018-01-31 [SC] [expires: 2022-01-31]
      Key fingerprint = ECB3 68B8 7908 BFB6 914D 7269 EF5B A4DC D5A9 F3C0
uid   Florian Smeets <flo@smeets.xyz>
uid   Florian Smeets <flo@FreeBSD.org>
sub   rsa4096/D46EC80E1D10DEF6 2018-01-31 [E] [expires: 2022-01-31]
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3.448. Gleb Smirnoff <glebius@FreeBSD.org >

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pub 2048D/6C7E5E82 2013-01-30 [expires: 2023-08-25]
Key fingerprint = 6E06 7260 B83D CF2C A93C 566F 5185 0968 6C7E 5E82
uid Gleb Smirnoff <glebius@FreeBSD.org>
sub 2048g/11E89DCE 2013-01-30 [expires: 2023-08-25]
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3.449. Ken Smith <kensmith@FreeBSD.org >

```

pub 1024D/29AEA7F6 2003-12-02 Ken Smith <kensmith@cse.buffalo.edu>
Key fingerprint = 4AB7 D302 0753 8215 31E7 F1AD FC6D 7855 29AE A7F6
uid Ken Smith <kensmith@freebsd.org>
sub 1024g/0D509C6C 2003-12-02

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3.450. Ben Smithurst <ben@FreeBSD.org >

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pub 1024D/2CEF442C 2001-07-11 Ben Smithurst <ben@LSRfm.com>
Key fingerprint = 355D 0FFF B83A 90A9 D648 E409 6CFC C9FB 2CEF 442C
uid Ben Smithurst <ben@vinosystems.com>
uid Ben Smithurst <ben@smithurst.org>

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uid Ben Smithurst <ben@FreeBSD.org>
uid Ben Smithurst <csxbcs@comp.leeds.ac.uk>
uid Ben Smithurst <ben@scientia.demon.co.uk>
sub 1024g/347071FF 2001-07-11
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.451. Dag-Erling Smørgrav <des@FreeBSD.org >

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pub 4096R/92C843456DA6A66E 2013-09-24 [expires: 2021-01-01]
Key fingerprint = BB57 22E5 C9B6 77D1 73C3 8CFC 92C8 4345 6DA6 A66E
uid Dag-Erling Smørgrav <des@des.no>
uid Dag-Erling Smørgrav <des@freebsd.org>
uid Dag-Erling Smørgrav <des@des.dev>
sub 4096R/9B90A1FCF8FBEC80 2013-09-24 [expires: 2021-01-01]
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3.452. Maxim Sobolev <sobomax@FreeBSD.org>

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pub  rsa2048/2C6191C1AA88C0E4 2016-08-18 [SC]
     Key fingerprint = 413E 9D39 CAB6 F596 938A FD36 2C61 91C1 AA88 C0E4
uid  Maksym Sobolyev <sobomax@FreeBSD.org>
sub  rsa2048/6488FC11696D8A2E 2016-08-18 [E]
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3.453. Alan Somers <asomers@FreeBSD.org>

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pub  rsa4096/5F7463BCDA05FCE8 2013-04-25 [SC] [expires: 2023-04-20]
     Key fingerprint = 9CD4 982 738F 8B90 25E8 E6B3 5F74 63BC DA05 FCE8
uid  Alan Somers <asomers@gmail.com>
uid  Alan Somers <asomers@freebsd.org>
sub  rsa4096/1C1569DC4E121B3E 2013-04-25 [E] [expires: 2023-04-20]
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3.454. Brian Somers <brian@FreeBSD.org >

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pub 1024R/666A7421 1997-04-30 Brian Somers <brian@freebsd-services.com>
Key fingerprint = 2D 91 BD C2 94 2C 46 8F 8F 09 C4 FC AD 12 3B 21
uid Brian Somers <brian@awfulhak.org>
uid Brian Somers <brian@FreeBSD.org>
uid Brian Somers <brian@OpenBSD.org>
uid Brian Somers <brian@uk.FreeBSD.org>
uid Brian Somers <brian@uk.OpenBSD.org>
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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-----END PGP PUBLIC KEY BLOCK-----
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3.455. Stacey Son <sson@FreeBSD.org >

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pub 1024D/CE8319F3 2008-07-08
Key fingerprint = 64C7 8D92 C1DF B940 1171 5ED3 186A 758A CE83 19F3
uid Stacey Son <sson@FreeBSD.org>
uid Stacey Son <stacey@son.org>
uid Stacey Son <sson@byu.net>
uid Stacey Son <sson@secure.net>
uid Stacey Son <sson@dev-random.com>
sub 2048g/0F724E52 2008-07-08
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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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3.456. Nicolas Souchu <nsouch@FreeBSD.org >

```
pub 1024D/C744F18B 2002-02-13 Nicholas Souchu <nsouch@freebsd.org>
Key fingerprint = 992A 144F AC0F 40BA 55AE DE6D 752D 0A6C C744 F18B
sub 1024g/90BD3231 2002-02-13
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-----BEGIN PGP PUBLIC KEY BLOCK-----
Version: GnuPG v1.0.6 (FreeBSD)
Comment: Pour information voir http://www.gnupg.org

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-----END PGP PUBLIC KEY BLOCK-----
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3.457. Suleiman Souhlal <ssouhlal@FreeBSD.org >

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pub 1024D/2EA50469 2004-07-24 Suleiman Souhlal <ssouhlal@FreeBSD.org>
    Key fingerprint = DACF 89DB 54C7 DA1D 37AF 9A94 EB55 E272 2EA5 0469
sub 2048g/0CDDC535 2004-07-24
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-----END PGP PUBLIC KEY BLOCK-----
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3.458. Toomas Soome <tsoome@FreeBSD.org >

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pub rsa2048/2122152BF3A02E04 2016-08-12 [SC] [expires: 2019-08-12]
    Key fingerprint = F124 FC08 9CA4 2331 5715 AB6D 2122 152B F3A0 2E04
uid                               Toomas Soome <tsoome@FreeBSD.org>
sub  rsa2048/E8EDE9371F445697 2016-08-12 [E] [expires: 2019-08-12]
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3.459. Luiz Otavio O Souza <loos@FreeBSD.org >

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pub 2048R/39165690 2013-07-03
Key fingerprint = ABC9 71D9 016E 8D4A 936D D748 6252 872F 3916 5690
uid Luiz Otavio O Souza <loos.br@gmail.com>
uid Luiz Otavio O Souza <loos@freebsd.org>
sub 2048R/9D089395 2013-07-03
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3.460. Bernard Spil <brnrd@FreeBSD.org >

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pub 4096R/30C614DDDD542A0 2016-06-08 [expires: 2026-06-06]
Key fingerprint = 53CD 858B 6933 3369 CF82 E180 30C6 14DD DDF5 42A0
uid Bernard Spil <brnrd@brnrd.eu>
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uid                Bernard Spil <brnrd@FreeBSD.org>
sub 4096R/573328B91C62FD46 2016-06-08 [expires: 2026-06-06]
sub 4096R/E1CF76D8A91D14FE 2019-06-19 [expires: 2022-06-18]

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3.461. Ulrich Spörlein <uqs@FreeBSD.org >

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Key fingerprint = 1AA3 5EEA C54B B1CD E11D 4CFE B63B 27B6 47B7 ECAA
uid Ulrich Spörlein <uqs@spoerlein.net>
uid Ulrich Spörlein (The FreeBSD Project) <uqs@FreeBSD.org>
uid Ulrich Spoerlein <uspoerlein@gmail.com>
sub 4096R/FF9F5004BCAC9ABE 2015-02-05 [expires: 2018-02-04]
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3.462. Rink Springer <rink@FreeBSD.org >

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pub 1024D/ECEDBFFF 2003-09-19
    Key fingerprint = A8BE 9C82 9B81 4289 A905 418D 6F73 BAD2 ECED BFFF
uid          Rink Springer <rink@il.fontys.nl>
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3.463. Vsevolod Stakhov <vsevolod@FreeBSD.org >

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3.464. Piotr Paweł Stefaniak <pstef@FreeBSD.org >

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3.465. Ryan Steinmetz <zi@FreeBSD.org >

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    Key fingerprint = 9079 51A3 34EF 0CD4 F228 EDC6 1EF8 BA6B D028 46D7
uid                                     Ryan Steinmetz <zi@zi0r.com>
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sub 2048R/A8A08AA9D827E5F8 2014-02-03 [expires: 2019-02-02]
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3.466. Lawrence Stewart <lstewart@FreeBSD.org >

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pub 4096R/9A50BCFCF40D9B09 2014-05-08 [expires: 2024-05-05]
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Key fingerprint = 8FB2 E9A3 39EA 78A1 5E1D B8A2 9A50 BCFC F40D 9B09
uid Lawrence A. Stewart <lstewart@freebsd.org>
uid Lawrence A. Stewart <lawrencestewart@gmail.com>
uid Lawrence A. Stewart <lstewart@netflix.com>
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sub 4096R/ACCB4CCFAB4EDC2D 2014-05-08 [expires: 2024-05-05]
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3.467. Randall R. Stewart <rrs@FreeBSD.org >

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pub 2048R/71D3BF532B7BEF39 2015-04-27 [expires: 2018-04-26]
Key fingerprint = 835D A1ED 279B E300 175A 5BAA 71D3 BF53 2B7B EF39
uid Randall Stewart <rrs@freebsd.org>
sub 2048R/1C2A8AA80F55CAEB 2015-04-27 [expires: 2018-04-26]
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3.468. Murray Stokely <murray@FreeBSD.org >

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pub 1024D/0E451F7D 2001-02-12 Murray Stokely <murray@freebsd.org>
Key fingerprint = E2CA 411D DD44 53FD BB4B 3CB5 B4D7 10A2 0E45 1F7D
sub 1024g/965A770C 2001-02-12
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Comment: For info see http://www.gnupg.org
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3.469. Volker Stolz <vs@FreeBSD.org >

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pub 1024R/3FD1B6B5 1998-06-16 Volker Stolz <vs@freebsd.org>
Key fingerprint = 69 6F BD A0 2E FE 19 66 CF B9 68 6E 41 7D F9 B9
uid Volker Stolz <stolz@i2.informatik.rwth-aachen.de> (LSK)
uid Volker Stolz <vs@foldr.org>
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3.470. Ryan Stone <rstone@FreeBSD.org >

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pub  rsa2048/28A3D46F1893B342 2017-07-20 [SC] [expires: 2020-07-19]
      Key fingerprint = 68FE 9892 6CE5 73A6 71BA B0C2 28A3 D46F 1893 B342
uid  Ryan Stone <rstone@FreeBSD.org>
sub  rsa2048/CFBA4601326C45F8 2017-07-20 [E] [expires: 2020-07-19]
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3.471. Søren Straarup <xride@FreeBSD.org >

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pub  1024D/E683AD40 2006-09-28
      Key fingerprint = 8A0E 7E57 144B BC25 24A9 EC1A 0DBC 3408 E683 AD40
uid  Soeren Straarup <xride@xride.dk>
uid  Soeren Straarup <xride@FreeBSD.org>
uid  Soeren Straarup <xride@x12.dk>
sub  2048g/2B18B3B8 2006-09-28
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```

3.472. Marius Strobl <marius@FreeBSD.org >

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uid Marius Strobl <marius@FreeBSD.org>
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3.473. Carlo Strub <cs@FreeBSD.org >

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3.474. Cheng-Lung Sung <clsung@FreeBSD.org >

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pub 1024D/956E8BC1 2003-09-12 Cheng-Lung Sung <clsung@FreeBSD.org>
     Key fingerprint = E0BC 57F9 F44B 46C6 DB53 8462 F807 89F3 956E 8BC1
uid          Cheng-Lung Sung (Software Engineer) <clsung@dragon2.net>
uid          Cheng-Lung Sung (Alumnus of CSIE, NCTU, Taiwan) ☞
<clsung@sungsung.csie.nctu.edu.tw>

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uid Cheng-Lung Sung (AlanSung) <clsung@tiger2.net>
uid Cheng-Lung Sung (FreeBSD@Taiwan) <clsung@freebsd.csie.nctu.edu.tw>
uid Cheng-Lung Sung (Ph.D. Student of NTU.EECS) ㄅ
uid <d92921016@ntu.edu.tw>
uid Cheng-Lung Sung (FreeBSD Freshman) <clsung@tw.freebsd.org>
uid Cheng-Lung Sung (ports committer) <clsung@FreeBSD.org>
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3.475. Gregory Sutter <gsutter@FreeBSD.org >

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pub 1024D/845DFEDD 2000-10-10 Gregory S. Sutter <gsutter@zer0.org>
Key fingerprint = D161 E4EA 4BFA 2427 F3F9 5B1F 2015 31D5 845D FEDD
uid Gregory S. Sutter <gsutter@freebsd.org>
uid Gregory S. Sutter <gsutter@daemonnews.org>
uid Gregory S. Sutter <gsutter@pobox.com>
sub 2048g/0A37BBCE 2000-10-10
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3.476. Koichi Suzuki <metal@FreeBSD.org >

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pub 1024D/AE562682 2004-05-23 SUZUKI Koichi <metal@FreeBSD.org>
Key fingerprint = 92B9 A202 B5AB 8CB6 89FC 6DD1 5737 C702 AE56 2682
sub 4096g/730E604B 2004-05-23

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3.477. Ryusuke SUZUKI <ryusuke@FreeBSD.org>

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pub  rsa2048/2630ECE1F275CA22 2016-12-25 [SC] [expires: 2019-12-25]
     Key fingerprint = DE5F 8C81 BEB6 81F9 6180 0979 2630 ECE1 F275 CA22
uid  Ryusuke SUZUKI <ryusuke@FreeBSD.org>
sub  rsa2048/A296632D2F77A633 2016-12-25 [E] [expires: 2019-12-25]
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3.478. Gary W. Swearingen <garys@FreeBSD.org >

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pub 1024D/FAA48AD5 2005-08-22 [expires: 2007-08-22]
    Key fingerprint = 8292 CC3E 81B5 E54F E3DD F987 FA52 E643 FAA4 8AD5
uid Gary W. Swearingen <garys@freebsd.org>
sub 2048g/E34C3CA0 2005-08-22 [expires: 2007-08-22]

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3.479. Yoshihiro Takahashi <nyan@FreeBSD.org >

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pub 4096R/6624859E 2012-11-18
    Key fingerprint = 1CA5 445E 7ABD BC21 AEC0 7B89 47D7 4EFF 6624 859E
uid Yoshihiro TAKAHASHI <nyan@furiru.org>
uid Yoshihiro TAKAHASHI <nyan@FreeBSD.org>
uid Yoshihiro TAKAHASHI <nyan@jp.FreeBSD.org>
sub 4096R/362726EA 2012-11-18

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3.480. Sahil Tandon <sahil@FreeBSD.org >

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pub 2048R/C016D977 2010-04-08
    Key fingerprint = 6AD2 BA99 8E3A 8DA6 DFC1 53CF DBD0 6001 C016 D977
uid          Sahil Tandon <sahil@tandon.net>
uid          Sahil Tandon <sahil@FreeBSD.org>
sub 2048R/F7776FBC 2010-04-08

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3.481. TAKATSU Tomonari <tota@FreeBSD.org >

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pub 1024D/67F58F29 2009-05-17
    Key fingerprint = 6940 B575 FC4A FA26 C094 279A 4B9B 6326 67F5 8F29
uid          TAKATSU Tomonari <tota@FreeBSD.org>
sub 2048g/18B112CD 2009-05-17

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3.482. Romain Tartière <romain@FreeBSD.org >

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pub 3072R/5112336F 2010-04-09
Key fingerprint = 8234 9A78 E7C0 B807 0B59 80FF BA4D 1D95 5112 336F
uid Romain Tartière <romain@blogreen.org>
uid Romain Tartière (FreeBSD) <romain@FreeBSD.org>
sub 3072R/C1B2B656 2010-04-09
sub 3072R/8F8125F4 2010-04-09
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-----END PGP PUBLIC KEY BLOCK-----

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3.483. Sylvio Cesar Teixeira <sylvio@FreeBSD.org>

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pub 2048R/AA7395A1 2009-10-28
Key fingerprint = B319 6AAF 0016 4308 6D93 E652 3C5F 21A2 AA73 95A1
uid Sylvio Cesar Teixeira (My key) <sylvio@FreeBSD.org>
sub 2048R/F758F556 2009-10-28

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3.484. Devin Teske <dteske@FreeBSD.org >

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pub  rsa2048/0930FAC9E5C7A63B 2018-07-06 [SC] [expires: 2021-07-05]
    Key fingerprint = D5D1 66F2 805C A20E 35BF E5F7 0930 FAC9 E5C7 A63B
uid  Devin Teske <dteske@FreeBSD.org>
sub  rsa2048/E2AC40AB090CD953 2018-07-06 [E] [expires: 2021-07-05]
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3.485. Ion-Mihai Tetcu <itetcu@FreeBSD.org >

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pub  4096R/29597D20 2013-05-02
    Key fingerprint = AB6F 39B6 605D E6B7 0D54 ED3D BCA2 129A 2959 7D20
uid  Ion-Mihai Tetcu (FreeBSD Committer key) <itetcu@FreeBSD.org>
sub  4096R/EC9E17E3 2013-05-02
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-----END PGP PUBLIC KEY BLOCK-----
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3.486. Mikhail Teterin <mi@FreeBSD.org >

```
pub 1024R/3FC71479 1995-09-08 Mikhail Teterin <mi@aldan.star89.galstar.com>
Key fingerprint = 5F 15 EA 78 A5 40 6A 0F 14 D7 D9 EA 6E 2B DA A4
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.487. Gordon Tetlow <gordon@FreeBSD.org>

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Key fingerprint = 34EF AD12 10AF 560E C3AE CE55 46ED ADF4 357D 65FB
uid Gordon Tetlow <gordon@tetlows.org>
uid Gordon Tetlow <gordon@FreeBSD.org>
sub rsa2048/0C1612E28AC09A31 2015-01-12 [E] [expires: 2019-01-12]

pub rsa2048/E5F7BCCBA3BDDDF8 2016-04-23 [SC] [expires: 2021-04-22]
Key fingerprint = BB28 D40B 360E EE93 6AED 156F E5F7 BCCB A3BD DDF8
uid Gordon Tetlow <gordon@FreeBSD.org>
uid Gordon Tetlow <gordon@tetlows.org>
sub rsa2048/62B06BA80727E1FA 2016-04-23 [E] [expires: 2021-04-22]
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3.488. Lars Thegler <lth@FreeBSD.org >

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pub 1024D/56B0CA08 2004-05-31 Lars Thegler <lth@FreeBSD.org>
Key fingerprint = ABAE F98C EA78 1C8D 6FDD CB27 1CA9 5A63 56B0 CA08
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uid Lars Thegler <lars@thegler.dk>
sub 1024g/E8C58EF3 2004-05-31
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3.489. Jase Thew <jase@FreeBSD.org >

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Key fingerprint = 4841 00F3 CDF2 272C 965B F90A 5C32 10C8 3F9B 9617
uid [ultimate] Jase Thew <jase@FreeBSD.org>
uid [ultimate] Jase Thew <freebsd@beardz.net>
uid [ultimate] Jase Thew <jase.thew@googlemail.com>
sub 4096R/0x727970D29B509783 2013-09-24 [expires: 2018-09-23]
sub 4096R/0xD4E65C8BFF1C3829 2013-09-24 [expires: 2018-09-23]
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3.490. David Thiel <lx@FreeBSD.org >

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pub  ed25519/2E0753DFB9CBB1C3 2016-05-25 [SC] [expires: 2021-05-24]
    Key fingerprint = 66F7 D26A D90F 308D 20A5 3697 2E07 53DF B9CB B1C3
uid  David Thiel <lx@grumplicio.us>
uid  David Thiel <lx@redundancy.redundancy.org>
uid  David Thiel (FreeBSD) <lx@FreeBSD.org>
sub  cv25519/21A4CBD84B31AAD6 2016-05-25 [E] [expires: 2021-05-24]
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-----END PGP PUBLIC KEY BLOCK-----

3.491. Fabien Thomas <fabient@FreeBSD.org>

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pub  1024D/07745930 2009-03-16
    Key fingerprint = D8AC EFA2 2FBD 7788 9628 4E8D 3F35 3B88 0774 5930
uid  Fabien Thomas <fabient@FreeBSD.org>
sub  2048g/BC173395 2009-03-16
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3.492. Thierry Thomas <thierry@FreeBSD.org >

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pub 4096R/F1C516B3C8359753 2013-09-23 [expires: 2020-10-05]
uid [ultimate] Thierry Thomas <thierry@pompo.net>
uid [ultimate] Thierry Thomas <thierry@FreeBSD.org>
uid [ultimate] [jpeg image of size 1968]
uid [ultimate] keybase.io/thierry <thierry@keybase.io>
sub 4096R/32B32808E6B52F4F 2013-09-23 [expires: 2020-10-05]
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3.493. Andrew Thompson <thompsa@FreeBSD.org >

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Key fingerprint = DE74 3F49 B97C A170 C8F1 8423 CAB6 9D57 BC6B 839B
uid Andrew Thompson <thompsa@freebsd.org>
uid Andrew Thompson <andy@fud.org.nz>
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3.494. Florent Thoumie <flz@FreeBSD.org>

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pub 1024D/5147DCF4 2004-12-04
    Key fingerprint = D203 AF5F F31A 63E2 BFD5 742B 3311 246D 5147 DCF4
uid          Florent Thoumie (FreeBSD committer address) <flz@FreeBSD.org>
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uid          [jpeg image of size 1796]
sub 2048g/15D930B9 2004-12-04
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3.495. Jilles Tjoelker <jilles@FreeBSD.org >

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3.496. Ganbold Tsagaankhuu <ganbold@FreeBSD.org >

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3.497. Michael Tuexen <tuexen@FreeBSD.org >

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pub 1024D/04EEDABE 2009-06-08
Key fingerprint = 493A CCB8 60E6 5510 A01D 360E 8497 B854 04EE DABE
uid Michael Tuexen <tuexen@FreeBSD.org>
sub 2048g/F653AA03 2009-06-08

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3.498. Andrew Turner <andrew@FreeBSD.org >

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pub  rsa4096/C8347170347FF19F 2018-02-14 [SC] [expires: 2022-02-14]
      Key fingerprint = 251E 4651 0A91 D459 6565 F149 C834 7170 347F F19F
uid   Andrew Turner <andrew@freebsd.org>
uid   Andrew Turner <andrew@fubar.geek.nz>
sub  rsa4096/9251B5093178715D 2018-02-14 [E] [expires: 2022-02-14]
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3.499. Oleksandr Tymoshenko <gonzo@FreeBSD.org >

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pub 2048R/E84FC1018C87C180 2014-01-08 [expires: 2020-02-13]
    Key fingerprint = 4FE9 153B 126D A491 294D 012F E84F C101 8C87 C180
uid                               Oleksandr Tymoshenko (FreeBSD) <gonzo@freebsd.org>
sub 2048R/D6BE683DAEC52F52 2014-01-08 [expires: 2020-02-13]
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3.500. Hajimu UMEMOTO <ume@FreeBSD.org >

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pub 1024D/BF9071FE 2005-03-17
    Key fingerprint = 1F00 0B9E 2164 70FC 6DC5 BF5F 04E9 F086 BF90 71FE
uid          Hajimu UMEMOTO <ume@mahoroba.org>
uid          Hajimu UMEMOTO <ume@FreeBSD.org>
uid          Hajimu UMEMOTO <ume@jp.FreeBSD.org>
sub 2048g/748DB3B0 2005-03-17
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3.501. Jason Unovitch <junovitch@FreeBSD.org>

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pub  rsa2048/6FD49C30161CAA6E 2015-07-27 [expires: 2018-07-26]
    Key fingerprint = 45DF 5459 93BB E377 93CA CDEE 6FD4 9C30 161C AA6E
uid  Jason Unovitch <jason.unovitch@gmail.com>
uid  Jason Unovitch <junovitch@FreeBSD.org>
sub  rsa2048/74E32D39F55621C5 2015-07-27 [expires: 2018-07-26]
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3.502. Stephan Uphoff <ups@FreeBSD.org>

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pub  2048R/D684B04A 2004-10-06 Stephan Uphoff <ups@freebsd.org>
    Key fingerprint = B5D2 04AE CA8F 7055 7474 3C85 F908 7F55 D684 B04A
uid  Stephan Uphoff <ups@tree.com>
sub  2048R/A15F921B 2004-10-06
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3.503. Fedor Uporov <fsu@FreeBSD.org >

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pub  rsa2048/B362AE935D4B5F4E 2017-08-30 [SC] [expires: 2020-08-29]
     Key fingerprint = C934 4E2E 0FCE 2239 8BAA 6AB0 B362 AE93 5D4B 5F4E
uid  Fedor Uporov (FreeBSD committer's key) <fsu@freebsd.org>
uid  Fedor Uporov (FreeBSD committer's key) ㉿
<thisisadrgreenthumb@gmail.com>
sub  rsa2048/5F01AC3D1449F4AC 2017-08-30 [E] [expires: 2020-08-29]

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3.504. Imre Vadasz <ivadasz@FreeBSD.org>

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pub   rsa2048/23A9AA6012EDA08 2016-07-24 [SC] [expires: 2019-07-24]
      Key fingerprint = 6F1C ABFD E524 BAE1 ADEE 557A 23A9 AA60 12ED AE08
uid   Imre Vadász <ivadasz@freebsd.org>
uid   Imre Vadász <imrevdsz.com>
uid   Imre Vadász <imrevdsz@gmail.com>
sub   rsa2048/5CC067DDEC512108 2016-07-24 [E] [expires: 2019-07-24]
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3.505. Emmanuel Vadot <manu@FreeBSD.org >

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pub  rsa2048/49AFB38B7C929105 2016-04-24 [SC] [expires: 2019-04-24]
      Key fingerprint = DE79 F601 8D70 10E8 480E B918 49AF B38B 7C92 9105
uid      Emmanuel Vadot <manu@freebsd.org>
sub  rsa2048/519ED84504490990 2016-04-24 [E] [expires: 2019-04-24]

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3.506. Eric van Gyzen <vangyzen@FreeBSD.org >

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pub  rsa2048/AFC12A13EC20DAB8 2015-01-28 [expires: 2018-01-27]
      Key fingerprint = 3E70 4F4A 0D13 41E8 BCE4 D73D AFC1 2A13 EC20 DAB8
uid      Eric van Gyzen <vangyzen@FreeBSD.org>
uid      Eric van Gyzen <eric@vangyzen.net>
sub  rsa2048/AEDFC8E4E2244266 2015-01-28 [expires: 2018-01-27]

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3.507. Ram Vegesna <ram@FreeBSD.org >

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pub  rsa2048/E60E9E7679E70F18 2018-04-09 [SC] [expires: 2021-04-08]
      Key fingerprint = FC32 B44C D51E 1B31 766F 0A07 E60E 9E76 79E7 0F18
uid  Ram Kishore Vegesna <ram.vegesna@broadcom.com>
sub  rsa2048/F1410348850D12F9 2018-04-09 [E] [expires: 2021-04-08]
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3.508. Bryan Venteicher <bryanv@FreeBSD.org >

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pub 4096R/E97DB7DB 2012-11-05
Key fingerprint = 0F8F 11EF F4D2 EDCA ECEA CB16 744C BF25 E97D B7DB
uid Bryan Venteicher (DITC) <bryanv@daemoninthecloset.org>
uid Bryan Venteicher (FreeBSD) <bryanv@freebsd.org>
sub 4096R/2EBC1A46 2012-11-05

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3.509. Jacques Vidrine <nectar@FreeBSD.org >

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pub 2048R/33C1627B 2001-07-05 Jacques A. Vidrine <nectar@celabo.org>
    Key fingerprint = CB CE 7D A0 6E 01 DC 61 E5 91 0A BE 79 17 D3 82
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pub 1024D/1606DB95 2001-07-05 Jacques A. Vidrine <nectar@celabo.org>
    Key fingerprint = 46BC EA5B F70A CC81 5332 0832 8C32 8CFF 1606 DB95
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3.510. Alberto Villa <avilla@FreeBSD.org >

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3.511. Nicola Vitale <nivit@FreeBSD.org >

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3.512. Ivan Voras <ivoras@FreeBSD.org >

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3.513. Andriy Voskoboinyk <avos@FreeBSD.org >

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3.514. Stefan Walter <stefan@FreeBSD.org>

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pub 3072R/12B9E0B3 2003-03-06  
Key fingerprint = 85D8 6A49 22C7 6CD9 B011 5D6A 5691 111B 12B9 E0B3  
uid Stefan Walter <stefan@freebsd.org>  
uid Stefan Walter <sw@gegenunendlich.de>  
sub 3072R/6D35457A 2003-03-06
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3.515. Kai Wang <kaiw@FreeBSD.org >

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pub 1024D/AEB910EB 2006-09-27
Key fingerprint = 3534 10A3 F143 B760 EF3E BEDF 8509 6A06 AEB9 10EB
uid Kai Wang <kaiw@FreeBSD.org>
uid Kai Wang <kaiw@student.chalmers.se>
uid Kai Wang <kaiwang27@gmail.com>
uid Kai Wang <kaiw27@gmail.com>
sub 2048g/1D5AA4DD 2006-09-27
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3.516. Adam Weinberger <adamw@FreeBSD.org >

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pub  rsa4096/FA0ABE2C04C8317C 2017-05-28 [SC] [expires: 2020-05-27]
     Key fingerprint = E0F0 7F3B 42CD 4B77 23B3 C7DE FA0A BE2C 04C8 317C
uid  Adam Weinberger <adamw@FreeBSD.org>
uid  Adam Weinberger <adamw@adamw.org>
sub  rsa4096/B12E9E74211E229D 2017-05-28 [E] [expires: 2020-05-27]
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-----END PGP PUBLIC KEY BLOCK-----
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3.517. Christian Weisgerber <naddy@FreeBSD.org >

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pub   rsa2048/73490227F70EEEA0 2015-05-03
      Key fingerprint = A264 04D3 05A4 189F D662 AF67 7349 0227 F70E EEA0
uid   Christian Weisgerber <naddy@mips.inka.de>
uid   Christian Weisgerber <naddy@FreeBSD.org>
uid   Christian Weisgerber <naddy@openbsd.org>
sub   rsa2048/1005F0A965D82467 2015-05-03
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3.518. Peter Wemm <peter@FreeBSD.org>

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3.519. Nathan Whitehorn <nwhitehorn@FreeBSD.org >

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-----END PGP PUBLIC KEY BLOCK-----
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3.520. Martin Wilke <miwi@FreeBSD.org >

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pub  rsa2048/1F3FC665313A1267 2017-05-14 [SC]
      Key fingerprint = 4034 F77F 5827 854A B066 4DE7 1F3F C665 313A 1267
uid  Martin Wilke <miwi@FreeBSD.org>
sub  rsa2048/CE68EDF4E244AC3F 2017-05-14 [E]
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-----END PGP PUBLIC KEY BLOCK-----
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3.521. Nate Williams <nate@FreeBSD.org >

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pub 1024D/C2AC6BA4 2002-01-28 Nate Williams (FreeBSD) <nate@FreeBSD.org>
Key fingerprint = 8EE8 5E72 8A94 51FA EA68 E001 FFF9 8AA9 C2AC 6BA4
sub 1024g/03EE46D2 2002-01-28
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.522. Steve Wills <swills@FreeBSD.org >

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pub 2048R/F5CF62B3207B1BA1 2010-09-02 [expires: 2020-01-23]
Key fingerprint = 98FA 414A 5C2A 0EF9 CFD0 AD0D F5CF 62B3 207B 1BA1
uid Steve Wills <swills@FreeBSD.org>
uid Steve Wills <swills@freebsd.org>
uid Steve Wills <steve@mouf.net>
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mQENBEx/EzEBCAC1Zje8FA0qGnqKv606untNjilUqEWtUwHOLPKLm0d1Pepb7A21
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3.523. Thomas Wintergerst <twinterg@FreeBSD.org >

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uid      Thomas Wintergerst <twinterg@gmx.de>
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uid      Thomas Wintergerst
uid      Thomas Wintergerst <thomas.wintergerst@nord-com.net>
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3.525. Marcin Wojtas <mw@FreeBSD.org >

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     Key fingerprint = 1FE2 1C08 3196 8369 E40D 43CF 1609 CFE6 DB0F 240A
uid  Marcin Wojtas <mw@freebsd.org>
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3.526. Garrett Wollman <wollman@FreeBSD.org >

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pub  ed25519/3A918A07C31750FF 2016-06-11 [SC] [expires: 2021-09-15]
      Key fingerprint = 95E5 D1FA 316A 4221 24DC BFE3 3A91 8A07 C317 50FF
uid   Garrett A. Wollman <wollman@bimajority.org>
uid   Garrett A. Wollman <wollman@csail.mit.edu>
uid   Garrett A. Wollman <wollman@lcs.mit.edu>
uid   Garrett A. Wollman <wollman@mit.edu>
uid   Garrett A. Wollman <wollman@bostonradio.org>
uid   Garrett A. Wollman <wollman@FreeBSD.org>
uid   Garrett A. Wollman <wollman@khavrinen.csail.mit.edu>
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3.527. Ben Woods <woods02@FreeBSD.org >

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pub  rsa2048/F4282FB8B0DED855 2016-05-09 [SC] [expires: 2019-05-09]
      Key fingerprint = 189F A55D 1B84 A241 79CC D409 F428 2FB8 B0DE D855
uid  Ben Woods <woods02@gmail.com>
uid  Ben Woods <woods02@FreeBSD.org>
sub  rsa2048/261CBDD3510A176A 2016-05-09 [E] [expires: 2019-05-09]

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3.528. Jörg Wunsch <joerg@FreeBSD.org>

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pub 1024D/69A85873 2001-12-11 Joerg Wunsch <j@uriah.heep.sax.de>
Key fingerprint = 5E84 F980 C3CA FD4B B584 1070 F48C A81B 69A8 5873
pub 1024D/69A85873 2001-12-11 Joerg Wunsch <j@uriah.heep.sax.de>
uid Joerg Wunsch <joerg_wunsch@interface-systems.de>
uid Joerg Wunsch <joerg@FreeBSD.org>
uid Joerg Wunsch <j@ida.interface-business.de>
sub 1024g/21DC9924 2001-12-11
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Version: GnuPG v1.2.6 (FreeBSD)
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3.529. David Xu <davidxu@FreeBSD.org >

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pub 1024D/48F2BDAB 2006-07-13 [expires: 2009-07-12]
    Key fingerprint = 7182 434F 8809 A4AF 9AE8 F1B5 12F6 3390 48F2 BDAB
uid          David Xu <davidxu@freebsd.org>
sub 4096g/ED7DB38A 2006-07-13 [expires: 2009-07-12]

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3.530. Guangyuan Yang <ygy@FreeBSD.org >

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pub   rsa4096/3068752A2C2EAF21 2017-08-21 [SCA] [expires: 2020-09-23]
      Key fingerprint = 8A50 E4BC F82F CF01 79E4 AA59 3068 752A 2C2E AF21
uid   Guangyuan Yang <ygy@FreeBSD.org>
uid   Guangyuan Yang <yzygyang@outlook.com>
sub   rsa4096/FE95523C21630E20 2017-08-21 [E] [expires: 2020-09-23]
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-----END PGP PUBLIC KEY BLOCK-----

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3.531. Maksim Yevmenkin <emax@FreeBSD.org >

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pub 1024D/F050D2DD 2003-10-01 Maksim Yevmenkin <m_evmenkin@yahoo.com>
Key fingerprint = 8F3F D359 E318 5641 8C81 34AD 791D 53F5 F050 D2DD

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Version: GnuPG v1.2.2 (FreeBSD)

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3.532. Pyun YongHyeon <yongari@FreeBSD.org >

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pub rsa2048/2F461043D15970A0 2016-08-09 [expires: 2019-08-09]
Key fingerprint = FC47 A95C 4681 3D5A DACA 45A5 2F46 1043 D159 70A0
uid Pyun YongHyeon <yongari@FreeBSD.org>
uid YongHyeon PYUN <pyunyh@gmail.com>

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sub rsa2048/2ECD0169096559FF 2016-08-09 [expires: 2019-08-09]
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3.533. Ruey-Cherng Yu <rcyu@FreeBSD.org>

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pub rsa2048/06E74405C01090DF 2017-03-06 [SC] [##: 2020-03-05]
#### = 2B4B C3CD 0B8B 0150 8C5F 90B5 06E7 4405 C010 90DF
uid Ruey-Cherng Yu <rcyu@freebsd.org>
sub rsa2048/29BF1DFDF00BEA06 2017-03-06 [E] [##: 2020-03-05]
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3.534. Mariusz Zaborski <oshogbo@FreeBSD.org >

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3.535. Thomas Zander <riggs@FreeBSD.org >

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pub   rsa4096/0D766192C7F78C63 2016-08-27 [SC] [expires: 2023-08-18]
      Key fingerprint = B8B5 09A4 A0F5 2002 2FF1 71B5 0D76 6192 C7F7 8C63

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uid Thomas Zander <riggs@FreeBSD.org>
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sub rsa4096/13982E487B690037 2016-08-27 [E] [expires: 2022-08-18]
Key fingerprint = E7B4 E843 D023 FC73 C565 187D 1398 2E48 7B69 0037
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3.536. Vinícius Zavam <egypcio@FreeBSD.org >

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pub  rsa4096/415C653413B43475 2014-06-06 [SC] [expires: 2021-06-04]
     Key fingerprint = 13AC CF3E D4E3 B36F 626F D3AE 415C 6534 13B4 3475
uid  keybase.io/egypcio <egypcio@keybase.io>
uid  Vinicius Zavam <egypcio@msn.com>
uid  Vinicius Zavam <egypcio@sdf.org>
uid  Vinicius Zavam <egypcio@gmail.com>
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uid  Vinicius Zavam <egypcio@freebsd-br.org>
uid  Vinicius Zavam <egypcio@googlemail.com>
uid  Vinicius Zavam <egypcio@openbsd-br.org>
uid  Vinicius Zavam <egypcio@lit.ifce.edu.br>

```

```
uid          Vinicius Zavam <egypcio@wolfman.devio.us>
uid          Vinicius Zavam <egypcio@users.sourceforge.net>
uid          Vinicius Zavam <egypcio@riseup.net>
uid          Vinicius Zavam <egypcio@torbsd.org>
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sub rsa4096/2FC6D7B07629DA63 2014-06-06 [E] [expires: 2021-06-04]
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3.537. Bjoern A. Zeeb <bz@FreeBSD.org >

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3.538. Niclas Zeising <zeising@FreeBSD.org >

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uid   Niclas Zeising <zeising@daemonic.se>
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3.539. Alexey Zelkin <phantom@FreeBSD.org >

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pub 1024D/9196B7D9 2002-01-28 Alexey Zelkin <phantom@FreeBSD.org>
Key fingerprint = 4465 F2A4 28C1 C2E4 BB95 1EA0 C70D 4964 9196 B7D9
sub 1024g/E590ABA4 2002-01-28
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Version: GnuPG v1.0.6 (FreeBSD)
Comment: For info see http://www.gnupg.org
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3.540. Sepherosa Ziehau <sephe@FreeBSD.org >

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pub  rsa2048/CE314488BE4E5ED5 2016-10-18 [SC] [expires: 2017-10-18]
      Key fingerprint = 4F7A A4C1 2640 D8B7 5B6C A320 CE31 4488 BE4E 5ED5
uid  Sepherosa Ziehau (new) <sephe@freebsd.org>
sub  rsa2048/588B5CE37D0C5E4B 2016-10-18 [E] [expires: 2017-10-18]
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3.541. Michael Zhilin <mizhka@FreeBSD.org >

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pub  rsa2048/95D5352F9286943B 2016-07-22 [SC] [expires: 2019-07-22]
      Key fingerprint = 0AEE 7305 0813 BE01 F64D 1B9E 95D5 352F 9286 943B
uid  Michael Zhilin <mizhka@freebsd.org>
sub  rsa2048/FB8FB2642431E2ED 2016-07-22 [E] [expires: 2019-07-22]
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3.542. Andrey Zonov <zont@FreeBSD.org >

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pub 2048R/E8A68B1C 2012-08-17 [expires: 2016-08-17]
    Key fingerprint = 3DF5 AA2F C10A A979 2FB9 A764 F145 4BB6 E8A6 8B1C
uid          Andrey Zonov <zont@FreeBSD.org>
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sub 2048R/57FC2BD3 2012-08-17 [expires: 2016-08-17]
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3.543. Torsten Zuehlsdorff <tz@FreeBSD.org >

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pub  rsa4096/1F508D680794735B 2018-03-22 [SCA] [verfällt: 2023-03-21]
     Schl.-Fingerabdruck = 0AC8 AF98 62C0 487F D8CD D309 1F50 8D68 0794 735B
uid          Torsten Zuehlsdorff <tz@FreeBSD.org>
sub  rsa4096/C84D624F3C23C041 2018-03-22 [E] [verfällt: 2023-03-21]

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3.544. Yuri Victorovich <yuri@FreeBSD.org >

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pub  rsa2048 2017-10-31 [SC] [expires: 2020-10-30]
      1851 BC45 B773 5E75 6387 1076 EC68 3904 8921 D150
uid  [ unknown] Yuri Victorovich <yuri@FreeBSD.org>
sub  rsa2048 2017-10-31 [E] [expires: 2020-10-30]
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3.545. Slava Shwartsman <slavash@FreeBSD.org >

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pub  rsa2048/F98A03ECA8FFFD9D 2018-02-20 [SC] [expires: 2021-02-19]
      Key fingerprint = 7B5B EF93 06FC A8F9 38D0 C32F F98A 03EC A8FF FD9D
uid   Slava Shwartsman <slavash@freebsd.org>
uid   Slava Shwartsman <slava.shwartsman@gmail.com>
uid   Slava Shwartsman <valyushash@gmail.com>
sub   rsa2048/63E8D18A494FE57D 2018-02-20 [E] [expires: 2021-02-19]

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3.546. Gleb Popov <arrowd@FreeBSD.org >

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pub  rsa2048/B6896C7F68880CF6 2018-05-20 [SCEA] [expires: 2021-05-19]
      Key fingerprint = 61F9 7E8A A7E0 5EDA 8398 DE99 B689 6C7F 6888 0CF6
uid  Gleb Popov <arrowd@freebsd.org>
sub  rsa2048/33D10F775D163987 2018-05-20 [SEA] [expires: 2021-05-19]
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3.547. Alexandre C. Guimaraes <rigoletto@FreeBSD.org>

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pub   rsa4096/9921FCC0384017D9 2018-10-03 [SC] [expires: 2021-10-02]
      Key fingerprint = F516 C38E 8674 10B0 566A 6182 9921 FCC0 3840 17D9
uid   Alexandre C. Guimarães (FreeBSD Key) <rigoletto@FreeBSD.org>
org>
sub   rsa4096/240F88930B312333 2018-10-03 [E] [expires: 2021-10-02]
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3.548. Pawel Biernacki <kaktus@FreeBSD.org >

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pub   rsa4096/9DE435AB65096082 2017-10-28 [SC] [expires: 2022-10-30]
      Key fingerprint = F38A 492F 5735 2A36 263C D807 9DE4 35AB 6509 6082
uid   Pawel Biernacki <pawel.biernacki@gmail.com>
uid   Paweł Biernacki <pawel.biernacki@mysteriouscode.io>
uid   Paweł Biernacki <kaktus@FreeBSD.org>
sub   rsa4096/5F77177A2E0E3478 2017-10-28 [A] [expires: 2022-10-30]
sub   rsa4096/0F977967B07A7C5D 2017-10-28 [E] [expires: 2022-10-30]
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3.549. Alex Samorukov <samm@FreeBSD.org >

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pub  rsa2048/434C13EF422BE53C 2019-10-08 [SC] [expires: 2022-10-08]
    Key fingerprint = ADDB 27FE 36E4 8A8D D608 CB3A 434C 13EF 422B E53C
uid  Samorukov,0leksii (FreeBSD) <samm@freebsd.org>
uid  Samorukov,Alexey <samm@os2.kiev.ua>
sub  rsa2048/F8FB02487C50A175 2019-10-08 [E] [expires: 2022-10-08]
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4. Outros Detentores de Contas no Cluster

4.1. Alexander Best

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pub  4096R/10C54914 2013-09-09 [expires: 2016-09-08]
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Key fingerprint = 34EB A47D A329 5767 ED27 E130 8ACA 73CA 10C5 4914
uid      Alexander Best <arundel@FreeBSD.org>
sub      4096R/F1F0EF55 2013-09-09 [expires: 2016-09-08]
    
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4.2. Deb Goodkin

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pub      2048R/09436139 2013-04-11
Key fingerprint = 3498 B76C D4D7 EA14 2003 83AE 1A93 FFAF 0943 6139
uid      Deb Goodkin <deb@freebsd.org>
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4.3. Ben C. O. Grimm

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Key fingerprint = F405 94BD C66E FE53 B9AF 7C19 D11D 9E6F 4732 6BA8
uid DutchDaemon - FreeBSD Forums Administrator <DutchDaemon@FreeBSD.org>
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4.4. Ben Haga

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-----END PGP PUBLIC KEY BLOCK-----
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4.5. Boris Kochergin

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pub 4096R/7E8DEA51 2013-04-08
Key fingerprint = 41E7 7678 9F57 D52E 73DF 731F A77E 8C7A 7E8D EA51
uid Boris Kochergin <bk@isis.poly.edu>
sub 4096R/DD7B3E04 2013-04-08
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-----END PGP PUBLIC KEY BLOCK-----

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4.6. Self-Serve SSH key changer

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pub  rsa4096/2434FEB5AB485900 2016-10-04 [SC]
      Key fingerprint = 8F74 C26C 632A 8E18 0C46 F209 2434 FEB5 AB48 5900
uid  Self-Serve SSH key changer <keymaster@freebsd.org>
sub  rsa4096/DCC42FF5B44E5D35 2016-10-04 [E]

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-----BEGIN PGP PUBLIC KEY BLOCK-----
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-----END PGP PUBLIC KEY BLOCK-----
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4.7. Peter Losher

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pub 1024D/B9F7C8866917C3B9 2002-03-16 [expires: 2014-12-24]
Key fingerprint = E00E 4CB3 D265 248E 610D 77A4 B9F7 C886 6917 C3B9
uid Peter Losher <ploser@frebsd.org>
uid Peter Losher <ploser@ploh.net>
sub 2048g/5E63FAAB8C6651F2 2002-03-16 [expires: 2014-12-24]
sub 4096R/53B9AAA98C273E2E 2014-05-18 [expires: 2019-05-17]
sub 4096R/CDABAB7A88F51686 2014-05-18 [expires: 2019-05-17]
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4.8. Michael W. Lucas

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uid  Michael Warren Lucas (Author) <mwlucas@blackhelicopters.org>
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4.9. David Wolfskill

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pub  rsa2048/40B260F9B6363DC9 2018-11-25 [SC] [expires: 2021-11-24]
      Key fingerprint = E28C 33D9 0C4C 2726 B101 E7F2 40B2 60F9 B636 3DC9
uid   David H. Wolfskill <david@catwhisker.org>
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