



Assurance Continuity Maintenance Report

BSI-DSZ-CC-0890-MA-01

genugate firewall 8.0

from

genua gmbh



SOGIS
Recognition Agreement
for components up to
EAL 4

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements*, version 2.1, June 2012 and the developers Impact Analysis Report (IAR). The baseline for this assessment was the Certification Report, the Security Target and the Evaluation Technical Report of the product certified by the Federal Office for Information Security (BSI) under BSI-DSZ-CC-0890-2013.

The certified product itself did not change. The changes are related to replaced non-TOE Hardware revisions (genugate L and genugate M) and a driver update in the non-TOE part of the software.

The changes result in an update of the Security Target [5] to reflect the updated Hardware revision numbers.

Consideration of the nature of the changes leads to the conclusion that they are classified as minor change and that certificate maintenance is the correct path to continuity of assurance.

The resistance to attacks has not been re-assessed in the course of this maintenance process. Therefore, the assurance statement as outlined in the Certification Report BSI-DSZ-CC-0890-2013 dated 17. December 2013 is of relevance and has to be considered when using the product. Details can be found on the following pages.

This report is an addendum to the Certification Report BSI-DSZ-CC-0890-2013.

Bonn, 9 December 2015

The Federal Office for Information Security



Common Criteria
Recognition Arrangement
for components up to
EAL 4



Assessment

The IT product identified in this report was assessed according to the *Assurance Continuity: CCRA Requirements* [1] and the Impact Analysis Report (IAR) [2]. The baseline for this assessment was the Certification Report of the certified product (Target of Evaluation, TOE) [3], its Security Target and the Evaluation Technical Report as outlined in [3].

The vendor for the genugate firewall 8.0, genua gmbh, submitted an IAR [2] to the BSI for approval. The IAR is intended to satisfy the requirements outlined in the document *Assurance Continuity: CCRA Requirements* [1]. In accordance with those requirements, the IAR describes (i) the changes made to the certified TOE, (ii) the evidence updated as a result of the changes and (iii) the security impact of the changes.

The certified product itself did not change. The changes relate to the replacement of non-TOE Hardware revisions (genugate L and genugate M) due to the non availability of the old Hardware (see chapter 1.4.3 of the ST [4] and [5]). As a consequence, a driver in the non-TOE part of the software had to be updated, too.

The identifiers (i.e. checksums) of the CD-ROM contents as described in chapter 2 of the Certification Report [3] have changed due to the repeated build process for the new CD image. Variables such as changed time stamps and meta data caused the changed checksums. The new checksums as listed below replace the list in chapter 2 of the Certification Report [3]:

SHA256(5.2/i386/CKSUM)=

78e3440e0270c1a87d3cf975f94c53be6de992285a0d63b00c1ea8a7ca7e013b

SHA256(5.2/i386/INSTALL.i386)=

d80c590da61551c2d60c809468729b531a3f92e797a850bf798299cf9ef22ab6

SHA256(5.2/i386/INSTALL.linux)=

93f69dd249b06b35a42ad3aee71483091403dcd324e256c12c955da2a64c5097

SHA256(5.2/i386/MD5)=

e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855

SHA256(5.2/i386/RMD160)=

88069684023a8de565ee86572f37a4f2a698ea2f1cb690d8892209a8c71c2dbd

SHA256(5.2/i386/SHA1)=

c8a170ea61b1f11864284ef7444393834cfa9ae03204d44d1012f59f23b7dc12

SHA256(5.2/i386/SHA256)=

6da3813f820feef0a35d677ad46bfc5e24c5509a47983d6ca166b5779bcbee95

SHA256(5.2/i386/SHA512)=

862057a4c52cce70960f8f92500a7bc9f15f2fc1acb78ebc3be48fbdf9c353

SHA256(5.2/i386/base52.tgz)=

8327083809f1cc27b7026d9d5a18597529464160989249f97e581143367fd26c

SHA256(5.2/i386/cd52.iso)=

64170b74caf393ffceb0bdd1d359bd5436e530ff3097293e3ab162eb447c75cc

SHA256(5.2/i386/cdboot)=

7f73237a1429e1269af573edff70f70a6369fe53aec340f363f0f6f3de230036

SHA256(5.2/i386/cdbr)=

ec0001636bde74ffd5ffda3bf7eebb9a0d8e2e07772dff73faf9849bf2d3837b

SHA256(5.2/i386/comp52.tgz)=

29e65112ab0a5fdb2747ddef97e9497e91fc66e9dc8f2855a5bc7fa69e8a08e6

SHA256(5.2/i386/etc52.tgz)=

cc3ff0d0bcdbf0569ebcb88cd9bd49b7dadf500802a2a49672daa5efab1f1cd3

SHA256(5.2/i386/game52.tgz)=

0526cc510c38b399fead958fe1b614185e139095a7927bd50099c947a92e0abe

SHA256(5.2/i386/index.txt)=

f3110d6d28c08fbd6797cd1ff9a35d0deb4296b43c0aabf206dd8e59cd5ac48

SHA256(5.2/i386/man52.tgz)=

c407b6f6d5f8772153a02131f4c4d1b4435380309c177e5b718051173f758e5f

SHA256(5.2/i386/pxeboot)=

1d153c5af96a5430fd1d39a930cde3ca8b356b2eb284847ad8d2dc8787b24588

SHA256(5.2/i386/xbase52.tgz)=

2928c5e91f256964af9bfe340c730c11df2363b023b39ec370332945057c6f91

SHA256(5.2/i386/xetc52.tgz)=

a6b4f0d7e77d43ce2beb5c32db3c2da868a1c9729857f91313c2c3641566e906

SHA256(5.2/i386/xfont52.tgz)=

5af447f7b759aac78737f36b3ef8002f308cac3de288ca3fe22f14116945ac3d

SHA256(5.2/i386/xshare52.tgz)=

e7f8783298a6a724b31d92f0f5ee3db9e1734391fc2daa9f6ff07a717b28d96c

SHA512(5.2/i386/CKSUM)=

f495ba90eff7ff360d5eb02ae0cc16645811ee62fdfeac615499ad8875f5ac7d12296b8fe9a
88decad4321edf4a3e1ab1a4a74b1cf077f53eba004245bb62560

SHA512(5.2/i386/INSTALL.i386)=

d6ddd53026959f27ff52f4043beba7d07ae7348b33888374dc1652490534208bc8dcc74e
87809e54a53933f33e25082c72a123df2a8c0cd70b9b2098ba7c4adf

SHA512(5.2/i386/INSTALL.linux)=

f18c8305551717d056133c4fce2ffa4ea9f3ad6dfc9bfa57216bc081a05b7ea543e14cae9c
c80bdf9b2d9b5647f1fac2b56252a210c61dfc0a005f7698df2e73

SHA512(5.2/i386/MD5)=

cf83e1357eefb8bdf1542850d66d8007d620e4050b5715dc83f4a921d36ce9ce47d0d13c5
d85f2b0ff8318d2877eec2f63b931bd47417a81a538327af927da3e

SHA512(5.2/i386/RMD160)=

128a140e4f2cfc4ec5a8a3f6876f62dc69fca80401747f8d7f77693d39f5b39ec3751a6a02674f44570bce4328b7aca2c3e4887e7f0ff02607a60671e27d47ed

SHA512(5.2/i386/SHA1)=

ca47d4dbd5d77a92330e1fff9cd815c3a14c34e80e0b52342589d10a4834d934bed829b8c08e2893f8eca08c57ff6626fe727930917810b1d30deecac012f9aa4

SHA512(5.2/i386/SHA256)=

145350c42d5f25c47a087a085dba70e52e444f49c0e3d5ee958c225cbb4e888079c0d5a6d3b5a143a3d97dd9ab371ff1ccac16cbc3e67f6de615f5a9bd47a70a

SHA512(5.2/i386/SHA512)=

bbef9da19bbabdb65fff2d0cdf88f99e96443af316050cbda74eca5ad9dd873934af9bbd0691c2490a8dc1f4de0f6d74f9b8936ac196f6c2406ac78cb13d0a08

SHA512(5.2/i386/base52.tgz)=

8f3b3a36e6eeee0f1eb152238eae670eb62285d2410df7e434732c68c399559e1a9fa3a0251297fe8e37b1d8af82e78424b50c91426713d7e4504d8e87bc703e

SHA512(5.2/i386/cd52.iso)=

7f3e857771aab5a0cd0170809da37515902a10400bba87b3ef45dfc5b7f8b2c52227bd4fd35d0c60bb19956fd72742e22ca38b3347ca6f2c100a223adaf2813

SHA512(5.2/i386/cdboot)=

3eae6b56fb653f2a107b775589776de5c6d219559e09bed51f4ed84f018bdd47af02f2757c66ad6c5a0f175640b698a9c1413ef676b180a53aa95fd21d8f0fc7

SHA512(5.2/i386/cdbr)=

43b0dd7da99846b582c11871f21d2991a8b8717f8a983495e82ac40141c542a59d11fb43749bf9558046d59c56f1794b393240b2102874ec89839d5bdccd42b3

SHA512(5.2/i386/comp52.tgz)=

ae3bb5ceecf98cd92706e8748107c61fb56d75a2d46a77d15deb6a71ef52c6c108166fcc16662e1321bd651f32106d057d11bf31f1ba33467666a5754a0bab23

SHA512(5.2/i386/etc52.tgz)=

c46ed7104b74db7284c06ab1e7b198cab529613090665fafd693aaf91720ad7550819e024d1a88ff74797b7e8b97007fe700053b6048404abe4e6a3d5bf20a87

SHA512(5.2/i386/game52.tgz)=

75872aec94758303f42ab7ec55d1ee748e0582e077a965d8e2d843bb674434f9d7d6e2b054df34b46b65308b8da05476c6193ed01929d109468ef42b2580931c

SHA512(5.2/i386/index.txt)=

8b6f08787a05d38dad4711a2b30b6cef86f7612d60b113f88a1480c603d6df661ce028a908682c303c6cb43f99343e627c8f7f938e8fa881e0f0a60a6f17149

SHA512(5.2/i386/man52.tgz)=

9663d6f54b459aa905225b2388eb6e792275dbdc1ec1c368d53a5858955a204d610eae8195f1881a112a800e6e909b530c5a590d43c172ee18809adf7e154927

SHA512(5.2/i386/pxeboot)=

caf7cfc75245cccc14dff8692ef23ce225c3117b62185be5534f333100999c3a4ba3cf18976d32a80c15bb51726f60a94bd6df91cba41760c6102ff0f6f0e2dc

SHA512(5.2/i386/xbase52.tgz)=

1b82e3ed3fa07614f324eff4a4bc8d8f3f29b0f252a1b8f770e0f82695fd769e518eb756b8d31043c551253f80c4f92d163f18602ba8fe8ed23fe3b7641ea902

SHA512(5.2/i386/xetc52.tgz)=

54488d33f45aef223941adf6b3e278b2fd9a2d67b1df391183e87953db4c65f1efb988c56582a042be19a2f9fa34a4c7d08b96f63df100e408eb7e1f7af46cc3

SHA512(5.2/i386/xfont52.tgz)=

13f7a2c7c02a8c73675bb3c8d82697d6631c5293d0f95ced541721f5c5f1551ad4770ab997f4d9b8a9281aa00878caed49677c9569eb82566edef71984989fd4

SHA512(5.2/i386/xshare52.tgz)=

45b55ad154b550cd22da9d7ad9d8e53335c565f6d8566fec129cf3b1f5f72972743f731fa6ee67ccfc92611efd3953bc0419cd4b6c8098d36b32eaaad99abb14a

SHA256(docs/genugate-801-admin-de.pdf)=

dd25c7ea01e328abd2ca5b3ca9bf401a452df4af3706825901af542cf907d6a2

SHA256(docs/genugate-801-admin-en.pdf)=

d80692b18088b979a7defe8ba29516a0c3018a715e95faa35aee9e1fa7b12ce0

SHA256(docs/genugate-801-guiref-de.pdf)=

bec29912ffa0fe49ee0fb1d7448e8328826809aa467cb71bc36da862e91e626e

SHA256(docs/genugate-801-guiref-en.pdf)=

e5fe0c153188632ccfcc9704eb7c74c870fb63c48bfef6f0f96743a760f44438

SHA256(docs/genugate-801-install-de.pdf)=

c62ce3c1405d88a817700dc33e5bf77bc53932e64e0dbb19dc96c45bad0f91f7

SHA256(docs/genugate-801-install-en.pdf)=

59e91653c0fb48545372f800855bdbd5b71507cc75289b0c3588b871ab34c1b2

SHA256(docs/genugate-801-relnote-de.pdf)=

071e35ea7b1d50156c60cebde8ef853de178a788c2e373eb9a47d7022a6d84cf

SHA256(docs/genugate-801-relnote-en.pdf)=

d2d24bebe8aa71478145d60ff67b3c07c2f3c472331843b0cb560a5a39a31772

SHA512(docs/genugate-801-admin-de.pdf)=

e838fb6bf6ace53fe13c4855c35ab63e029fa0970609f016f2d798e01e7ae5bd4b559ef14a74d77fc825e9081bc0d0fa624b89909dfedc8f38fb21bcc33c9fd6

SHA512(docs/genugate-801-admin-en.pdf)=

0b1be7f4f997d30976fab31784308c959ac582264ebb559c1c9bbed0b8ab906debb848643742032a18371cde0fdc044a0433a63d8a733fa568bd1f796e422125

SHA512(docs/genugate-801-guiref-de.pdf)=

347543502ff6f1063aede3f07fc8b00398d7e43ec7a0012672286f244264edd4961a58b1a7287c120393bfd3d48ce86857e9de215c14682c6afab67993adb6ba

SHA512(docs/genugate-801-guiref-en.pdf)=
0c59c65d31947b9ee482035d631aa45b25fbc8a12efc636671f90f809cb93eb33afefe701f
d1c1a369cecd121e63ff5625ace46b9ad474fa9d89ba65d5a34153

SHA512(docs/genugate-801-install-de.pdf)=
ed3f39aeda5ae1e56dc4f21260f340b6d31b9d87822de9ab1da7f1903f1e01691b2b7913b
7dff3e9f8cf036953e77fe03a9e7d1a2c24549a663b479671a5e8ba

SHA512(docs/genugate-801-install-en.pdf)=
0f2cb50af1538e9206bd6eaa7ec6f7a28140fc25ac5abb28d32faf11f7b476e8d39fda342b4
adee9bf0bad44adf7c2be80254a5f2e97b4568597b9856f68a404

SHA512(docs/genugate-801-relnote-de.pdf)=
930c2f501c95cd482926d9eb9a928100c9049ebee56ad93062965d129c18557b2f12432c
122d081a3e5278b2f17b53a40d55a7454ffdf9b3909778e98f7c8a61

SHA512(docs/genugate-801-relnote-en.pdf)=
153585b439fae237a2d78e2fa6b08462db399ea6f9b5ffd88d6a8371e611268f47095b12a
468cd595c36ef85ebd9de66d3b62b05bf3658b1ae01b51dadccd195

The contents of the guidance documentation has not changed. Their new guidance checksums are entirely due to the repeated build process as described above.

All other information in chapter 2 of the Certification Report [3] remain valid.

The Security Target [5] was updated to reflect the new non-TOE Hardware revisions.

Conclusion

The change to the TOE is at the level of non-TOE Hardware and their belonging drivers. The change has no effect on assurance. As a result of the changes the configuration list for the TOE has been updated.

The Security Target [4] was editorially updated [5].

Consideration of the nature of the change leads to the conclusion that it is classified as a minor change and that certificate maintenance is the correct path to continuity of assurance.

Therefore, BSI agrees that the assurance as outlined in the Certification Report [3] is maintained for this version of the product.

The resistance to attacks has not been re-assessed in the course of this maintenance process. Therefore, the assurance statement as outlined in the Certification Report BSI-DSZ-CC-0890-2013 dated 17. December 2013 is of relevance and has to be considered when using the product.

Additional obligations and notes for the usage of the product:

All aspects of assumptions, threats and policies as outlined in the Security Target not covered by the TOE itself need to be fulfilled by the operational environment of the TOE.

The customer or user of the product shall consider the results of the certification within his system risk management process. In order for the evolution of attack methods and

techniques to be covered, he should define the period of time until a re-assessment for the TOE is required and thus requested from the sponsor of the certificate.

This report is an addendum to the Certification Report [3].

References

- [1] Common Criteria document “Assurance Continuity: CCRA Requirements”, version 2.1, June 2012
- [2] Referenz IAR genugate firewall 8.0 Maintenance Impact Analysis Report, Revision : 8.7, genua mbh, Kirchheim, 17. November 2015 (confidential document)
- [3] Certification Report BSI-DSZ-CC-0890-2013 for genugate firewall 8.0, Bundesamt für Sicherheit in der Informationstechnik, 17. December 2013
- [4] Security Target BSI-DSZ-CC-0890-2013, genugate firewall 8.0, Version 5, 09. October 2013, genua mbH
- [5] Security Target BSI-DSZ-CC-0890-2013, genugate firewall 8.0, Version 7, 03. November 2015, genua mbH