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TÜV®

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Date
30-June-2017

Audit Attestation - ETSI Assessment 2017, T-Systems CA's

To whom it may concern,

This is to confirm, that TÜV Informationstechnik GmbH¹ has successfully audited the T-Systems CA's operated by

T-Systems International GmbH, Untere Industriestraße 20, 57250 Netphen, Germany
registered under "HRB 55933" at Amtsgericht Frankfurt am Main, Germany.

The audit based on the following policy documents:

- CP/CPS TeleSec ServerPass, version 5.0 as of 2017-04-19
- TeleSec Shared-Business-CA, version 04.00 as of 2017-05-15

The audit took place from May 15^h until 17th, 2017 according to the appropriate ETSI Technical Specifications. TÜViT is accredited to perform such audits by DAkkS under registration D-ZE-12022-01-00². The audit was performed as full audit and is documented and referred to in the according certificates, which are going to be issued in July 2017:

1. TUVIT-CA6760.17 & TUVIT-CA6763.17: T-Systems CAs fulfil all requirements defined in the technical specification ETSI TS 102 042 V2.4.1 (2013-02), policy OVCP
2. TUVIT-CA6761.17 T-Systems CAs fulfil all requirements defined in the technical specification ETSI TS 102 042 V2.4.1 (2013-02), policy EVCP
3. TUVIT-CA6762.17 & TUVIT-CA6781.17 T-Systems CAs fulfil all requirements defined in the technical specification ETSI TS 102 042 V2.4.1 (2013-02), policy NCP and NCP+

¹ in the following termed shortly „TÜViT“

² <http://www.dakks.de/en/content/accredited-bodies-dakks?Regnr=D-ZE-12022-01-00>

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The T-Systems CAs have been issued under the following Root CAs which had been covered and successfully audited according to ETSI TS 102 042 (V2.4.1):

Root 1, Friendly Name: "Deutsche Telekom Root CA 2", audited for policy NCP, NCP+, OVCP,

CN: Deutsche Telekom Root CA 2
Thumb Print (SHA-1):85 a4 08 c0 9c 19 3e 5d 51 58 7d cd d6 13 30 fd 8c de 37 bf
Certificate Serial #: 26

Root 2, Friendly Name: "T-TeleSec GlobalRoot Class 2", audited for policy NCP, OVCP,

CN: T-TeleSec GlobalRoot Class 2
Thumb Print (SHA-1):59 0d 2d 7d 88 4f 40 2e 61 7e a5 62 32 17 65 cf 17 d8 94 e9
Certificate Serial #: 01

Root 3, Friendly Name: "T-TeleSec GlobalRoot Class 3", audited for policy EVCP, QCP-w,

CN: T-TeleSec GlobalRoot Class 3
Thumb Print (SHA-1):55 a6 72 3e cb f2 ec cd c3 23 74 70 19 9d 2a be 11 e3 81 d1
Certificate Serial #: 01

Root 4, Friendly Name: "TeleSec GlobalRoot Class 1 G2", audited for policy DVCP,

CN: TeleSec GlobalRoot Class 1 G2
Thumb Print (SHA-1):d6 29 07 eb 4a 14 5e 56 4b 73 02 43 1d 4b 30 9f bb f7 ee 09
Certificate Serial #: 3e 12 94 c2 bf 53 1c ba

Root 5, Friendly Name: "TeleSec GlobalRoot Class 2 G2", audited for policy OVCP

CN: TeleSec GlobalRoot Class 2 G2
Thumb Print (SHA-1):bc b9 2e ec 7f 9a ec cb 2f 89 d9 d2 fd 21 f1 24 0e 3c df de
Certificate Serial #: 00 a8 0a 76 8d f7 b2 75 37

Root 6, Friendly Name: "TeleSec GlobalRoot Class 3 G2", audited for policy EVCP, QCP-w,

CN: TeleSec GlobalRoot Class 3 G2
Thumb Print (SHA-1):6f 54 32 b1 58 07 a8 ec b6 75 dd 27 c1 be af 22 92 8a c1 4d
Certificate Serial #: 2c 87 1d 8e a0 07 19 fe



The assessment covered the period from May 12th, 2016 until May 17th, 2017.

The next assessment has to be successfully finalized before June 2018 in order to maintain the certificate validity as stated in the corresponding certificates issued by TÜVIT.

The assessment performed covered all relevant CAs, including their roots as described in the aforementioned certificate that has been issued to T-Systems. The full PKI hierarchy has been documented during the audited – see Appendix I & II to this audit attestation.

T-Systems may publish this audit attestation in a publicly-accessible location, as required.

In case of any question, please contact Mr. Clemens Wanko (phone: 586, fax. –555, email: C.Wanko@tuvit.de).

With kind regards
TÜV Informationstechnik GmbH
IT Infrastructure

i. V.

i. A.

Dr. Christoph Sutter

Matthias Wiedenhorst

Enclosure:

Appendix I – T-Systems PKI hierarchy – RSA

Appendix II – T-Systems PKI hierarchy – ECC

Appendix I: T-Systems PKI hierarchy - RSA

RootCA:

Deutsche Telekom Root CA 2

OVCP SubCA:

- Shared Business CA 4 (for SSL / TLS Certificates)
- TeleSec ServerPass DE-2

NCP SubCAs

- Shared Business CA 4 (for none SSL / TLS Certificates)
- TeleSec PKS CA 7:PN
- Shared Business CA 3 (not active any more, only issuing revocation status information)

Other SubCAs (not in audit scope):

- DFN-Verein PCA Global - G01
(separate OVCP audit available)

RootCA:

T-TeleSec GlobalRoot Class 2

OVCP SubCA:

- TeleSec Business CA 1 (for SSL / TLS Certificates)
- TeleSec ServerPass Class 2 CA

NCP SubCAs

- TeleSec Business CA 1 (for none SSL / TLS Certificates)

RootCA:

T-TeleSec GlobalRoot Class 3

EVCP SubCA:

- TeleSec ServerPass Extended Validation Class 3 CA

These SubCA's are T-Systems SHA-256 generation of issuing CA's. Additionally, the formerly used SHA-1 generation of Issuing CA's has not yet been revoked but is not used to issue certificates any more. Furthermore the CA operates the SubCA "TeleSec ServerPass CA 2", which was issued by the third-Party RootCA "Baltimore Cybertrust Root". This SubCA does not issue end-entity certificates any more but has not been revoked in order to maintain revocation status information.

All relevant CAs as stated above have been covered by the audit. Others are not relevant because of technical constraints or their certificates are not used for public SSL / TLS purposes.

Appendix II: T-Systems PKI hierarchy - ECC

RootCA:

TeleSec GlobalRoot Class 1 G2

DVCP SubCA:

- TeleSec ServerPass CA 1 G2

RootCA:

TeleSec GlobalRoot Class 2 G2

OVCP SubCA:

- TeleSec ServerPass CA 2 G2

RootCA:

TeleSec GlobalRoot Class 3 G2

EVCP SubCA:

- TeleSec ServerPass CA 3 G2

All relevant CAs as stated above have been covered by the audit. Others are not relevant because of technical constraints or their certificates are not used for public SSL / TLS purposes.