

PUBLIC

## Audit Attestation

DATEV eG ETSI Assessment 2022

**Date:** 27.05.2022

**Provider:** DATEV eG  
**Service(s):** Certification Services STD, INT und BT CAs

**Registration Number:** DSC.814

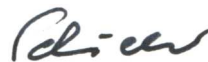
**Conformity** datenschutz cert GmbH  
**Assessment Body** Konsul-Smidt-Straße 88a  
28217 Bremen, Germany  
**Contact:** office@datenschutz-cert.de

**Accreditation**  
**Information:** <http://www.dakks.de/as/ast/d/D-ZE-16077-01-00.pdf>

Bremen, 27.05.2022



Dr. Sönke Maseberg  
Reviewer



Klaus-Werner Schröder  
Lead Auditor

### Conformity Assessment Body

- 1 Name: datenschutz cert GmbH  
VAT No.: DE 260 557 462  
Address: Konsul-Smidt-Str. 88a, 28217 Bremen, Germany  
Internet: [www.datenschutz-cert.de](http://www.datenschutz-cert.de)  
The Certificate of Accreditation is available at  
<http://www.dakks.de/as/ast/d/D-ZE-16077-01-00.pdf>  
Head of Conformity Assessment Body: Klaus-Werner Schröder  
Inquiries shall be sent to [office@datenschutz-cert.de](mailto:office@datenschutz-cert.de)

### National Accreditation Body

- 2 Name: Deutsche Akkreditierungsstelle GmbH  
Address: Spittelmarkt 10 10117 Berlin, Germany  
Internet: [www.dakks.de](http://www.dakks.de)

### Trust Service Provider Assessed

- 3 Name: DATEV eG  
Address: Paumgartnerstr. 6-14, 90429 Nürnberg, DE  
[www.datev.de](http://www.datev.de)

### Audit Details

- 4 Requirements: ETSI EN 319 401, ETSI EN 319 411-1
- 5 Kind of audit: stage 1 audit, stage 2 audit
- 6 Goal of audit: assessment of conformity
- 7 The full audit (stages 1 and 2) is based on
  - documentation provided by the organization assessed,
  - interviews with employees and management,
  - on-site audit.

### Summary

- 8 The audit was performed as a full annual audit at the trust service provider's premises in 90429 Nürnberg, DE. Due to restrictions because of the Covid-19 pandemic the audit was carried out remotely and supported by a video conferencing system. The remote audit (stage 2) was conducted after successful completion of stage 1 audit. It took place from 14.03.2022 to 16.03.2021 and covered the period from 12.03.2021 to 11.03.2022.

- 9 The audit was performed according to the European Standards ETSI EN 319 401 (C) and ETSI EN 319 411-1 (B).
- 10 The trust services audited are described in the following policy and practice documents of the trust service provider:
- [1] DATEV eG, Sicherheitsrichtlinien des Zertifizierungsdiensteanbieters DATEV (Certification Practice Statement), Version 2.9.1, effective date 01.11.2021

### Issuing Certificates for BT Service

- 11 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV BT 03

Serial No.: 72:6e:2d:e9:21:13:do:3e:b8:1d:a7:2f:11:02:a9:99

Valid from: May 2 05:40:59 2014 GMT

Valid to: Aug 2 07:40:59 2022 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV BT 03

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

```

00:df:26:fe:ee:85:a0:91:30:20:03:7a:0a:b4:74:
48:52:98:26:0f:e2:4b:1f:6e:3f:6d:74:0d:37:18:
83:7e:cf:1c:74:c6:c8:dd:5b:2e:21:87:81:bb:ea:
93:e9:8c:fd:26:78:70:04:df:b7:a4:de:85:f4:5d:
21:13:d8:45:dd:3b:30:97:29:68:ae:27:ef:52:3a:
3a:5d:65:83:e2:29:65:da:2f:c5:c5:48:5c:f6:ff:
54:88:b5:2b:62:48:95:a4:a3:38:b2:40:d2:e5:94:
13:23:28:2d:0a:1f:ca:dd:29:ab:67:1a:f3:cd:17:
df:a6:b9:46:1e:1b:66:47:2a:7f:ba:4d:db:2d:c4:
2e:09:c4:a4:92:a9:5d:1e:e2:3e:54:75:90:f8:79:
bf:bo:56:cd:49:91:b3:cf:99:1c:30:10:5c:8d:4e:
16:4b:6f:cd:9e:b6:68:2e:80:85:02:bb:57:99:95:
2e:7e:d5:ca:29:9b:10:db:50:1c:0b:e2:76:32:60:
10:ac:b8:19:fo:a7:9e:b5:30:eb:fc:b7:of:4e:6c:
a2:eo:91:d7:bo:db:a7:81:ca:a8:9e:3d:c5:bf:ea:
ae:a9:22:cb:e7:87:dc:31:c4:18:07:92:e9:7e:f6:
of:d8:60:cf:aa:e8:05:77:77:ob:cd:f1:ba:e6:aa:
41:9d

```

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

oCoB6B2BD1EDD7B27FEAD157F8E846B335B784A39Fo6C47216C8746F64C5CEDA

- 12 This CA certificate is self-signed, no root certificate available.
- 13 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV BT 05

Serial No.: 46:6f:35:b4:ab:c2:17:65:19:2c:ed:d1:32:ed:do:2d

Valid from: Oct 15 13:39:46 2015 GMT

Valid to: Mar 31 15:39:46 2025 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV BT 05

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

00:b6:16:7d:d3:eb:68:5e:97:e5:51:c8:dd:b4:ad:  
 22:11:61:56:77:fa:64:49:18:51:1d:56:1b:7f:57:  
 ec:7f:45:f4:99:8a:e7:b5:98:b8:51:e1:e9:7c:03:  
 4d:10:2c:65:c9:95:32:9f:8d:b6:07:9e:e7:fc:da:  
 af:42:95:71:70:15:ff:7a:f3:f8:e1:03:46:ce:60:  
 75:38:c3:d2:59:a3:6e:ae:7b:81:64:bc:44:d1:cf:  
 1e:ad:62:b8:cc:7f:eo:f5:db:99:43:39:41:od:ee:  
 62:7f:9d:ae:07:c4:d1:4f:b5:1c:da:e8:36:a3:e8:  
 8c:6b:18:64:fa:1e:eb:4b:4e:5e:52:d7:83:cf:95:  
 fa:9e:d3:eo:a7:15:6a:50:fa:93:27:be:ca:55:06:  
 f8:d8:4b:4d:f5:f6:13:99:c6:fd:8f:1c:9a:64:cd:  
 c1:1a:70:38:90:a6:53:17:38:a1:3a:6d:b3:54:86:  
 61:b5:1a:83:87:1d:93:17:40:6d:3c:bo:ac:fb:01:  
 f1:9d:12:3d:93:9d:57:of:d8:2b:a8:bc:47:aa:ab:  
 95:81:e7:34:da:19:72:47:eb:ce:b9:02:f2:88:a6:  
 eb:03:ba:ba:f4:4a:44:1f:96:87:87:1c:04:85:49:  
 bf:70:b4:28:84:5a:36:c9:e5:5d:b1:dd:d8:4f:a6:  
 87:2f

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

E7C8C71FC37BC6851C133E2656DD71109FA9270FA53CA10A2B75550D748E8C40

- 14 This CA certificate is self-signed, no root certificate available.
- 15 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV BT 06

Serial No.: 7e:bc:0e:72:4f:36:c7:8a:4b:co:0e:91:c5:b8:e6:07

Valid from: Aug 1 06:06:23 2016 GMT

Valid to: Mar 31 08:06:23 2026 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV BT o6

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

```
00:a2:8f:46:8f:d7:25:e1:cb:38:49:02:48:74:4b:
5b:6d:4a:88:fb:ea:e9:a3:18:df:1d:a3:4a:52:e2:
93:f6:9c:f9:d4:00:d5:87:48:43:74:45:e7:0f:67:
8a:37:15:08:bc:6f:24:81:b1:8e:7e:e6:5e:a8:99:
a8:19:2e:44:41:9d:4e:2b:f3:d4:a0:08:do:72:98:
17:57:7b:f2:62:d6:0e:66:ab:of:16:ec:87:7d:2f:
7a:0a:d8:88:3d:a0:80:of:f4:15:03:46:7b:3c:32:
95:12:0e:70:ff:79:60:02:6b:86:od:2d:5a:78:53:
2f:fe:41:3f:ce:3e:eo:80:eo:28:6e:cb:92:22:47:
fd:2b:08:ea:5b:3f:a7:80:87:22:a7:9e:33:df:8b:
65:65:f6:c2:51:15:75:9f:e1:54:7c:20:a5:8c:43:
35:2e:99:42:6c:c1:11:97:02:47:37:60:21:dd:42:
5c:53:32:0a:c6:09:0a:79:56:01:dc:7f:33:bo:5f:
63:4d:0c:b1:54:a2:44:a0:66:75:88:25:09:b3:45:
77:9c:3d:21:49:67:cc:37:42:aa:35:19:07:42:d8:
11:ce:63:4a:71:83:80:36:df:a7:e4:f3:72:a3:8b:
e1:4c:00:24:6f:bo:28:98:9b:df:45:08:56:9d:9d:
d4:12:8d:d8:91:35:85:ff:e6:6c:0a:8c:84:d8:c3:
76:64:dc:8a:1f:9e:f5:9e:cd:7e:51:86:f3:cc:86:
40:42:59:b3:8f:6a:08:25:48:41:db:6f:52:f5:79:
3f:1e:68:28:af:c4:8a:8b:od:c1:d2:47:33:28:1d:
da:d3:bb:ff:9a:6e:33:da:70:aa:fe:70:66:63:6b:
cc:63:fd:9d:b6:ea:72:87:62:ab:61:96:9d:a7:25:
07:b7:18:ba:ob:8b:97:c2:29:14:08:30:8e:6d:co:
14:40:79:ff:51:9d:ce:4d:e4:b9:9b:a2:e1:2a:ac:
26:4b:9a:51:do:8f:c8:8e:c4:d5:fe:a5:5d:7b:19:
bd:39:57:04:26:56:b5:7d:c8:33:9b:78:64:ff:fd:
a5:d7:b2:f8:ae:8a:73:71:c9:od:41:47:f9:de:11:
4a:8a:b3:82:ab:ab:a4:69:5c:06:7c:60:f5:7a:18:
35:66:ac:33:eo:05:oc:b1:cd:c5:63:87:2e:74:41:
1a:b5:1f:00:db:9f:ab:b7:a7:e9:a8:oa:df:09:7e:
c5:29:51:46:45:fb:8a:fe:oe:5e:05:1f:95:82:61:
ca:f8:71:b3:29:f4:da:oe:13:3d:64:c5:86:f8:26:
73:ae:14:8a:ob:23:71:e9:fc:f7:70:4f:ff:1e:fe:
4a:d1:5d
```

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

```
69E5C96A6C4446965CBBEE2B87F8D97DBD82ED96AF8C4854464AB407Co2ED7D
```

- 16 This CA certificate is self-signed, no root certificate available.

- 17 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV BT o8

Serial No.: 5e:c5:de:26:db:00:eb:d1:2d:20:52:4a:od:8c:b9:47

Valid from: Mar 11 10:20:10 2020 GMT

Valid to: Oct 10 12:20:10 2029 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV BT o8

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:b6:70:ae:ae:2c:77:16:fd:e6:do:2b:c7:ae:de:  
29:b6:03:a5:49:24:e4:95:b6:99:84:78:91:3f:do:  
51:a5:f4:e3:aa:44:6f:86:60:71:14:od:oc:8d:c6:  
88:4d:bc:f2:21:b9:40:3f:6c:b7:f7:be:03:70:57:  
55:4b:51:f8:65:bc:a5:85:9d:37:6c:fa:5a:25:3c:  
6e:e4:df:92:bc:02:c1:6a:2e:98:co:72:dc:97:f8:  
f9:c1:47:6f:32:76:84:49:df:87:oc:12:fc:c7:c6:  
28:1e:d2:62:9c:34:00:68:6a:1c:ca:5c:46:18:2c:  
4b:01:3d:c7:a3:f5:fc:db:a9:db:49:42:32:b6:5d:  
50:3b:02:d8:76:6f:49:b7:ea:94:6a:39:df:f4:7f:  
d3:9b:fo:91:6a:af:e3:a3:08:bd:8b:fo:ca:a3:7a:  
61:fc:fe:a9:74:28:19:f5:25:74:e7:6e:62:27:d7:  
08:e9:1f:42:99:8d:39:7a:1d:cc:ao:83:fb:18:5f:  
63:7a:ea:47:2f:65:bf:fo:6a:da:15:64:5d:57:2e:  
6c:18:29:cc:7f:47:73:54:60:49:ba:ba:b4:13:b9:  
6b:5e:98:cb:f9:56:15:4c:a6:c4:64:3e:oe:8a:5c:  
d7:52:4f:88:cd:90:66:35:f1:oc:09:c4:40:ae:bf:  
eb:63:37:45:a3:1e:fo:e7:6b:7c:79:7b:7e:2e:af:  
93:07:50:4c:75:63:29:8c:19:50:d3:7b:13:62:e9:  
2e:91:d4:05:b8:53:7f:b3:1a:19:6f:1a:f5:54:13:  
5e:03:37:21:73:ca:ae:16:7e:1e:a3:b8:88:7b:ba:  
b9:af:56:oe:bb:d1:02:bb:41:33:94:od:53:82:5c:  
49:14:78:01:ec:5d:11:64:bo:4c:3f:12:fo:oc:cc:  
d3:93:89:a6:10:60:00:31:21:ea:a5:9b:4b:34:20:  
43:ea:do:84:17:01:67:b7:8d:2e:8d:9f:01:49:c2:  
b3:of:58:83:98:ab:e9:43:5c:b3:d4:4c:9f:8c:35:  
eo:2a:7f:4d:25:b3:f9:6f:ef:5f:c6:aa:6f:cf:90:  
e1:1b:c3:3c:d5:ba:fa:21:b7:co:eo:59:b5:46:48:  
8e:7d:d4:c3:a3:54:fo:28:99:5c:dc:fo:db:fo:db:  
ed:d9:4d:1e:d3:1f:15:3a:oc:4b:15:a3:73:b2:ab:  
10:ed:92:6c:aa:3d:bd:77:22:55:4d:85:10:dc:19:  
95:eb:88:60:fc:7b:f9:0b:43:7c:of:95:69:43:8c:  
49:8c:f1:ff:oc:7d:b6:70:49:ba:2e:63:dd:od:fc:

ag:1c:57:67:78:76:3a:51:a1:6e:2b:ff:7a:3c:d7:  
do:ef:33

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

BDC9683B4381342F89EBCE1865949968D3FA42AB7599BB1AEC47543BA9BBD137

18 This CA certificate is self-signed, no root certificate available.

19 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV BT 95

Serial No.: 67:9c:49:b9:fd:9c:db:01:bc:af:49:7c:42:40:ad:67

Valid from: Oct 15 13:39:46 2015 GMT

Valid to: Mar 31 15:39:46 2025 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV BT 95

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

00:b5:17:1d:42:17:4c:ff:17:f8:44:85:ce:a8:49:  
1c:42:1c:20:df:74:38:95:d6:1e:57:46:12:9a:80:  
d5:a0:5f:91:a3:0e:60:9d:fb:6d:29:70:7c:ad:8a:  
ca:cd:84:16:1f:9b:1c:e5:1e:90:43:e2:95:fd:f7:  
72:75:8b:9b:36:6a:c8:4f:cb:3f:51:19:88:2e:31:  
45:73:cd:79:a3:01:36:c8:32:66:fb:b6:ce:92:2a:  
ce:8e:1d:99:0d:40:1e:eb:18:ec:06:59:e2:2b:b8:  
a6:0e:7b:94:7f:bb:1a:24:02:b2:0d:8d:2c:d9:30:  
06:72:28:8d:bb:99:08:0f:8f:58:a3:27:1e:80:56:  
1b:55:bo:c2:72:32:37:e6:8e:89:aa:59:67:ba:10:  
cb:33:9d:cf:4f:ca:19:2e:60:7b:fe:82:29:42:b5:  
fa:37:2d:18:49:3c:94:29:f1:48:5f:9c:92:57:9e:  
f3:75:90:ba:ao:76:53:b2:ca:3f:68:7d:b3:4a:2c:  
8a:3f:2f:1a:f9:7c:80:cd:fa:do:68:e7:53:ee:oc:  
40:45:6e:41:3e:1a:7d:6b:c9:40:cc:89:a6:b7:94:  
17:02:27:52:fe:e8:93:40:6d:3a:06:32:fb:ac:2a:  
73:a6:65:a7:72:22:22:c4:ca:8e:fa:a9:de:c5:48:  
56:b5

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

263867FE5CCE8C7EDEA1D9864EBC677B8227CB3CF5BC153C53CE8514E3B22FB2

20 This CA certificate is self-signed, no root certificate available.

21 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV BT 97

Serial No.: 42:2a:38:d1:22:e3:1b:6f:af:1a:2e:5a:c7:ee:dd:22

Valid from: May 2 05:40:59 2014 GMT

Valid to: Aug 2 07:40:59 2022 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV BT 97

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

00:9b:cb:90:89:8e:02:8f:ca:12:10:7d:co:9e:9c:  
 c1:c1:24:0c:42:48:2c:9d:e3:80:82:2a:93:f4:6f:  
 90:f2:47:2a:fc:07:ac:d1:b8:fa:ff:8b:05:b3:78:  
 ca:56:3a:8f:16:81:53:51:93:89:68:53:4c:cc:fd:  
 82:8c:28:fd:42:fc:bd:19:fd:c2:5d:fd:58:dd:f6:  
 6f:68:b4:d6:4c:72:38:6a:2c:5e:76:1b:ff:fo:3a:  
 3d:d9:a6:e1:2e:1a:23:1d:15:32:8f:84:25:56:oe:  
 55:bc:6a:15:ce:31:ad:e6:d8:16:78:52:83:5f:09:  
 c7:06:35:c5:cb:1d:df:62:93:e8:74:c3:4a:d5:07:  
 26:07:ef:94:c1:bb:44:c3:35:eb:e9:5f:0b:05:2b:  
 fb:fa:01:d1:11:4a:01:cc:b8:8b:b4:ac:d5:ff:fa:  
 2e:2b:a4:04:33:ec:bc:fa:d6:a9:91:aa:dc:c2:58:  
 43:72:20:e3:05:5a:a2:3d:dd:06:a3:b6:1b:e5:ec:  
 c6:6a:62:a9:02:05:a5:bb:7b:81:ce:2b:f1:79:c2:  
 60:a9:1d:f7:cd:e6:81:8d:d5:e6:20:7f:c8:d2:12:  
 b3:97:05:eb:18:a0:c5:99:90:c5:8f:79:oe:af:4c:  
 f3:af:f8:09:0e:12:ec:d2:13:38:9d:3a:79:dd:a2:  
 b5:ff

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

7FF3CoC2214A5873C3428476FD2BB2363CD35344ED66Co5E7CB78D5048D76E3F

- 22 This CA certificate is self-signed, no root certificate available.

### Issuing Certificates for INT Service

- 23 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV INT 03

Serial No.: 5b:7a:18:17:53:87:1a:47:do:of:5b:f1:b5:09:f6:ca

Valid from: May 2 05:40:59 2014 GMT

Valid to: Aug 2 07:40:59 2022 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV INT 03



Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

```

00:c5:83:52:7f:bc:b5:a3:77:f3:2f:af:df:00:13:
c2:ee:15:1f:6d:40:9f:d1:69:31:4a:ca:0f:f3:08:
37:a0:11:b3:75:29:04:2d:01:4c:2f:4c:32:a9:52:
68:73:3b:40:bb:b7:ad:9c:c6:ad:34:9e:5f:0a:58:
8a:e9:74:91:51:d4:ac:1c:0d:ec:cc:27:fc:36:a3:
2d:b6:65:d5:68:ba:24:bd:5b:ed:d4:b4:f8:5c:4e:
28:6e:05:0d:cd:14:f2:7e:e2:49:56:61:3d:40:6a:
dc:ec:do:6b:1e:2d:35:8e:32:a3:08:e9:41:b9:49:
bb:2f:5b:a4:75:f6:90:64:5a:84:39:2a:7e:1d:3b:
68:2a:a9:ec:bo:f7:d9:4f:ef:81:ff:ba:95:c6:91:
30:49:9f:42:d3:d6:8c:9b:07:a3:bf:94:b7:57:12:
03:07:61:80:79:89:d4:c5:e7:5c:a7:70:c3:b2:90:
16:1f:58:6c:fe:52:dc:e1:c7:7b:e9:72:44:fb:d9:
83:db:96:48:66:29:cc:61:92:e6:e1:04:63:1b:d3:
df:25:68:8a:c6:40:76:co:07:15:54:49:8a:ff:12:
da:cc:75:b5:22:4a:60:09:c2:c2:7a:63:86:ob:b7:
bc:c2:c2:26:69:29:2f:de:a0:04:06:3d:82:a5:52:
34:b5

```

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

8BA1BD9C88EFB3947E60EBE21137F81DF7F09994CEF27F097055018B8194C634

- 24 This CA certificate is self-signed, no root certificate available.
- 25 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV INT 05

Serial No.: 53:42:e6:04:33:62:53:c6:3a:e6:c4:fc:48:a5:96:2e

Valid from: Oct 15 13:39:46 2015 GMT

Valid to: Mar 31 15:39:46 2025 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV INT 05

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

```

00:a2:a1:ce:46:87:ed:9c:c8:d4:19:bf:99:53:e7:
80:49:3f:21:b1:26:01:c2:74:1c:6c:ea:fo:ae:bo:
8d:2b:ob:6d:d2:63:19:35:od:6d:49:6b:ao:95:fe:
fa:eo:bd:a7:77:12:c9:ba:3a:12:ff:87:60:c6:9c:
75:a4:08:ea:59:79:c3:c8:53:7d:fb:fo:b3:bc:a2:

```

be:76:ed:f8:29:a5:c7:f2:11:89:80:ff:5b:91:e3:  
 c9:eb:45:4a:a6:01:e1:bd:43:0c:41:d2:9d:1f:78:  
 e9:14:d3:61:55:df:40:bo:67:95:72:da:73:ba:46:  
 4b:d7:38:2d:1a:70:e3:b2:ff:5e:84:31:80:9a:d1:  
 bo:cf:co:3b:af:ea:b3:1a:68:7b:21:c8:ea:e5:44:  
 ao:ad:08:f5:4b:36:01:3f:d5:28:51:13:a8:83:f3:  
 eb:1d:2b:9f:a1:9a:11:56:37:7f:bd:91:7a:92:72:  
 a5:9a:e7:16:cb:d7:a6:9c:7b:8d:b2:f4:ff:e4:26:  
 2f:b1:d3:08:98:ef:bo:c4:08:bc:b3:11:1d:cc:e7:  
 81:59:77:a9:6e:41:7b:90:74:37:bo:bf:d5:be:d4:  
 b6:e8:ao:d3:3a:a4:cf:fa:7d:db:ee:13:54:a5:1e:  
 a4:38:ae:5e:6c:04:12:b8:b6:35:80:60:co:ec:4c:  
 c7:45

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

69CE172A63BDF026BF112947Do2C28D76E4F8FDC126042EAD8F80E7DD8E28D79

26 This CA certificate is self-signed, no root certificate available.

27 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV INT o6

Serial No.: 67:d2:d8:1a:bd:85:b3:bo:76:7f:3c:10:ed:26:f1:cc

Valid from: Aug 1 06:06:23 2016 GMT

Valid to: Mar 31 08:06:23 2026 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV INT o6

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:c1:08:d9:of:a1:d1:89:5e:3f:cd:ff:8f:80:34:  
 30:3b:e2:2c:ba:b5:c6:d9:36:2f:63:f5:8c:5b:da:  
 01:30:11:25:76:7a:4e:6b:bc:97:69:ae:79:d2:72:  
 c6:c7:a3:26:b4:bd:c1:f2:90:97:68:b1:1e:dc:aa:  
 14:dc:95:e3:7d:81:36:ef:55:ee:96:ae:1a:1d:36:  
 85:62:d5:fd:70:f4:32:55:4f:39:39:fb:60:5f:45:  
 c3:88:7f:12:e6:00:0e:66:od:fb:2a:cf:06:31:b3:  
 77:1e:cd:b8:79:6b:02:cb:ec:61:93:52:3f:43:89:  
 19:65:a5:04:ab:28:4f:2c:5b:99:39:d5:25:od:85:  
 cc:98:oc:de:75:d4:8a:1f:11:56:d9:67:74:3b:9a:  
 2b:c1:62:ec:04:bf:32:2d:55:b9:fb:82:fb:91:1c:  
 1e:38:25:90:77:49:83:7a:dd:bo:f8:99:d6:b8:9c:  
 17:e8:cb:d9:57:12:4c:ba:0a:61:a2:e0:85:15:fo:  
 bo:47:47:34:9d:36:5e:1d:b2:9d:9b:63:d3:bo:35:

a1:d3:52:e6:15:e7:b7:8c:08:8f:12:ad:f9:b5:eb:  
 b3:2c:96:ba:ef:99:e2:89:82:f7:eb:00:92:f3:89:  
 bc:f7:6a:fd:7e:9d:2c:53:8c:72:37:38:3c:73:14:  
 fa:fb:32:4c:4e:cb:94:35:f4:8d:04:a6:20:35:33:  
 dc:37:79:2c:10:52:5d:78:co:7d:de:a9:34:23:2b:  
 86:9c:6e:b7:30:2b:c1:b2:ab:26:2b:25:bb:65:90:  
 od:d8:68:fo:8f:f8:ae:a1:4a:6e:5d:70:d2:9c:58:  
 e4:46:d5:00:25:2d:26:c2:86:25:4d:a6:74:57:f8:  
 e5:01:3b:fc:12:8e:ae:cd:09:10:29:05:6a:4d:e7:  
 c9:1b:7c:2a:e6:58:fd:34:9f:d5:b9:2f:6f:17:95:  
 51:4b:ae:7e:65:67:75:61:01:b7:18:98:5d:e1:04:  
 66:79:43:73:aa:68:3a:a2:73:66:84:ed:12:8b:45:  
 8f:2a:d2:fd:7d:d5:46:63:cb:b7:e7:2b:f7:1d:1d:  
 bo:d4:f1:1b:bo:ef:90:3a:15:b9:d9:96:b7:of:88:  
 od:29:e2:97:b8:af:7e:bd:co:35:98:58:oc:e8:ab:  
 1e:05:c5:f3:b9:ae:e4:61:04:42:b5:04:a2:01:af:  
 aa:32:35:36:6c:32:8f:d6:oc:58:ab:58:78:e4:3e:  
 3e:88:4f:76:04:51:e1:83:18:38:34:85:34:8b:51:  
 aa:79:82:ea:bb:82:1b:fb:e4:eb:c4:7a:51:81:cb:  
 27:25:3b:93:74:ba:d3:05:6c:a9:4a:d2:af:fa:73:  
 c7:oc:of

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

08E43DFAD56922E949B22CFE2413AA58228F66A4D121102C8FE622A7221D8FB6

- 28 This CA certificate is self-signed, no root certificate available.
- 29 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV INT o8

Serial No.: 52:f1:6f:fd:d4:c6:ao:fd:1d:f7:ee:39:eb:b6:b9:84

Valid from: Mar 11 10:20:10 2020 GMT

Valid to: Oct 10 12:20:10 2029 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV INT o8

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:ce:e5:od:32:f9:8e:4a:9c:30:5b:b4:41:43:da:  
 ce:co:e6:8c:1a:12:53:b3:8e:9f:68:7e:04:63:5f:  
 91:75:4f:51:7e:25:22:00:1f:29:f5:26:45:a7:cd:  
 67:47:92:f7:a8:3d:39:01:df:ee:5c:85:ba:ea:20:  
 d8:oe:e9:b8:a5:50:86:45:48:0b:04:46:69:fo:ec:  
 08:cb:5e:97:bo:ao:od:8f:37:e7:91:77:ca:b2:54:

3a:7a:0f:d6:f1:79:3d:30:4a:10:87:71:dc:be:9b:  
c5:22:69:c9:d4:9c:8b:aa:64:59:28:10:77:5d:2e:  
c0:f7:71:5b:60:57:do:3f:d5:d3:f7:8f:70:6a:38:  
98:08:9f:f5:a9:68:f7:fo:bc:33:7a:ac:62:09:e5:  
6c:1b:33:87:be:fc:cc:2a:a1:31:dc:f8:4f:c5:28:  
12:2b:ce:7d:7e:23:74:fo:ab:85:de:43:dc:00:99:  
e5:9e:9a:bo:5f:c4:b4:e1:ab:9e:b3:f5:99:c2:cc:  
9b:4a:1a:a6:bb:97:92:b3:de:ff:82:8c:5e:80:67:  
a7:85:5b:ad:14:1b:d8:86:co:09:dc:56:46:77:e2:  
93:98:38:62:ce:19:90:31:ob:50:7b:18:20:co:a9:  
ee:23:6d:do:21:a7:do:a2:7a:1a:7c:b8:37:d6:af:  
27:2a:b5:1a:98:b6:c7:04:44:7f:8f:50:22:7a:27:  
40:05:b9:c5:23:6d:24:2d:6b:0a:11:d1:a9:23:ff:  
40:92:91:38:62:53:c6:ob:ea:ee:a5:ad:20:c5:17:  
73:93:ed:5d:06:ac:31:77:10:e7:5f:72:6d:41:4e:  
3f:f6:b3:2a:bb:of:f9:89:a1:dc:a5:02:e2:bc:6f:  
42:24:0c:9d:cb:54:39:13:8e:2c:b7:e8:c6:39:fc:  
9d:81:f9:f1:62:da:20:ba:3f:48:01:28:ae:d7:9f:  
ba:ad:83:d9:co:c9:7d:87:da:9b:9b:a9:a5:13:17:  
5b:f2:bb:b5:e2:6c:ec:37:27:2c:c3:35:9c:fd:b7:  
58:d8:c3:53:04:29:80:1d:dc:55:87:c1:58:47:60:  
ca:54:41:92:a6:51:38:52:3b:ea:71:4b:6e:01:f3:  
51:89:0c:e6:a8:55:14:f3:ad:do:ae:04:af:eb:ea:  
ef:bc:2e:6c:oc:ee:99:ob:ba:ab:94:1e:48:26:64:  
ed:14:cd:05:5f:38:5f:93:eo:e1:85:77:6e:d2:34:  
4e:58:9f:34:5e:od:f1:06:ea:89:f6:de:16:0a:1e:  
d7:11:46:1c:67:19:71:3d:5c:ef:b5:05:08:7a:38:  
4d:72:a8:b1:11:6e:86:cd:b4:8a:38:78:18:df:4b:  
08:d8:29

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

2E4F7E86640945A55CFA591D789D94DDEoFACF7453oAD4D191o5FA9AF5B2C734

30 This CA certificate is self-signed, no root certificate available.

31 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV INT 95

Serial No.: 49:3e:9a:fc:7b:77:5e:c9:ec:d9:do:a2:8e:e2:fa:fa

Valid from: Oct 15 13:39:46 2015 GMT

Valid to: Mar 31 15:39:46 2025 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV INT 95

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

## Modulus:

```

00:c5:6a:55:85:03:dc:c3:38:bo:53:fd:02:86:07:
74:04:a0:ca:b8:32:1c:16:ef:46:17:8a:de:ba:fd:
2e:80:8f:36:ac:33:4f:e8:a6:5a:32:87:92:f6:97:
a8:b4:e4:fc:d4:51:73:67:97:bf:a0:ae:4e:8f:bo:
e6:b8:6b:49:bd:ec:9e:f4:c6:4c:bc:32:89:e1:of:
b9:98:ed:5e:12:41:oc:bc:ob:97:18:1a:1f:f6:b4:
53:46:db:9c:13:7a:9e:19:ee:47:51:2b:11:ca:89:
28:33:39:8b:6a:94:b1:01:fc:c9:oe:42:fb:3f:e1:
fo:91:be:6c:2d:da:62:31:43:8a:9b:d9:ba:80:b3:
a2:76:87:7d:91:1b:41:d3:79:3c:c6:f3:72:d8:1c:
7f:24:e1:37:8d:93:00:b6:7b:1b:20:e2:87:03:43:
7c:4f:fd:96:c3:74:8e:b2:5b:a2:c3:ac:37:7f:1f:
f4:ac:f3:a2:56:4f:60:c1:02:bf:64:49:04:a9:5c:
aa:15:5b:fd:b4:cc:84:ed:9c:1c:30:ed:b8:44:do:
oc:48:36:1f:a1:24:02:c8:2a:41:80:oe:2f:1d:4a:
9d:37:7e:26:5b:72:13:09:bf:28:d8:aa:bc:e3:40:
02:62:d4:e9:72:5b:fd:7f:e6:28:8c:01:3f:20:c9:
25:97

```

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

432FE5BoEBo18ECE4D8FA79AE2AC301539B23012B736AD9C3D32512A2FC9C55B

- 32 This CA certificate is self-signed, no root certificate available.
- 33 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV INT 97

Serial No.: 52:6f:3d:62:1b:4b:1d:82:1c:b6:48:cd:85:52:cc:78

Valid from: May 2 05:40:59 2014 GMT

Valid to: Aug 2 07:40:59 2022 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV INT 97

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

## Modulus:

```

00:a3:59:1d:7a:d9:90:21:f5:3e:e5:6f:31:15:3e:
70:1e:79:5f:od:56:f6:aa:1b:d3:b1:28:36:4d:b1:
8d:52:2e:5d:c8:94:ca:ee:91:ca:38:7a:ce:e9:oe:
21:ae:40:od:18:3d:ce:od:aa:cb:7c:7b:32:33:87:
7c:6d:do:ee:da:c9:1b:85:98:12:85:74:9d:8d:7f:
2a:5a:2d:92:05:6f:f7:8b:ob:e1:4a:cd:21:bc:54:
12:7a:07:c6:28:86:b7:87:47:7c:of:a5:5e:c5:ea:
35:64:eo:b1:60:01:42:eo:97:18:3c:ao:ac:e7:62:

```

9a:20:d9:3c:39:47:2c:88:d9:00:b6:6f:96:05:95:  
 f9:f2:63:b6:59:dc:ba:51:da:6e:b4:b8:4f:20:fe:  
 18:5f:3f:19:33:0b:53:5a:f2:a4:0a:70:2e:7b:94:  
 1d:ff:ec:3b:bf:8b:74:d9:94:0e:7c:d9:2b:da:fo:  
 b7:7c:02:3c:71:e4:ac:a6:c5:16:b9:30:26:87:29:  
 12:32:8b:65:c9:bc:b9:1b:74:c5:5f:b1:8c:30:1e:  
 33:8b:2f:bd:a3:f7:da:3b:f6:fa:da:68:79:f3:fa:  
 68:fc:de:75:26:f5:ff:b3:1f:7b:44:23:f6:f8:1b:  
 3c:16:18:03:93:2a:6f:3a:bc:94:94:32:03:bb:90:  
 a1:db

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

94F712A68DF579E506B6863F29B82FFCCA1EF8C68007269214FoAD6FA8CoD65C

- 34 This CA certificate is self-signed, no root certificate available.

### Issuing Certificates for STD Service

- 35 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV STD o3

Serial No.: 7c:co:95:ea:d5:94:74:e9:c4:2d:1a:95:ee:21:99:21

Valid from: May 2 05:40:59 2014 GMT

Valid to: Aug 2 07:40:59 2022 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV STD o3

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

00:ce:94:31:39:1f:92:16:38:c5:b9:6d:97:7e:d4:  
 21:53:f8:8c:08:82:c9:5e:d1:ac:c4:e7:40:2f:d9:  
 63:36:e1:ea:1e:aa:ff:2d:b4:8a:4c:a8:ac:7d:81:  
 05:51:17:88:97:ec:ff:92:15:ed:cb:dc:9b:28:41:  
 63:f3:34:7f:d2:b5:54:f9:c2:3c:bb:d4:da:bb:11:  
 6b:9e:22:04:a3:8f:86:e8:62:07:a7:34:75:d4:f9:  
 0a:e6:5e:59:bo:43:47:25:41:bb:60:a1:38:97:e6:  
 43:e8:26:63:32:52:2f:9a:0b:d4:1a:bb:8e:c2:d7:  
 f9:8c:1f:39:95:f2:f7:be:50:64:c2:74:f1:e5:1a:  
 b6:46:93:19:6e:53:a8:8b:a6:62:84:5e:f4:52:ed:  
 47:do:47:f7:oe:2d:8e:1e:7d:62:15:76:a2:d7:a2:  
 92:be:01:73:43:fc:7e:49:27:e7:cf:3f:c8:ef:9c:  
 4c:7e:25:e8:bb:de:72:5e:95:04:96:eg:8c:10:7a:  
 ef:01:59:91:fa:9a:1c:oe:30:cf:bb:d8:2a:7a:2f:  
 20:68:17:de:34:a7:47:aa:4e:d3:e5:09:b6:98:30:

87:c4:9a:1b:46:aa:72:46:82:1f:96:6b:8f:83:cf:  
f6:21:7b:07:14:1c:89:26:a2:5e:7d:5b:84:9d:c1:  
20:ad

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

54AE8A683FE2D78FF1EFoEoB3F58425092953BAo8C67FE4A95595D1CEBCDCB3o

36 This CA certificate is self-signed, no root certificate available.

37 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV STD o5

Serial No.: 66:84:54:63:4e:09:a3:7d:5e:14:76:c6:1b:f5:38:c2

Valid from: Oct 15 13:39:46 2015 GMT

Valid to: Mar 31 15:39:46 2025 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV STD o5

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

00:c8:ea:f8:24:8f:32:9d:5b:00:02:25:85:eb:d4:  
e1:8e:do:57:oa:94:e3:32:43:d3:76:3d:b3:04:72:  
d7:32:c7:bo:c9:fd:1d:e3:21:01:21:36:12:25:4f:  
88:03:8f:14:23:3b:9c:f8:ae:6c:d9:48:13:58:1b:  
7b:43:cf:b2:bc:4f:ae:42:65:of:34:33:50:oa:69:  
24:2e:be:26:66:f7:b5:db:f4:ob:ab:76:9f:b8:c7:  
7e:aa:ac:67:2b:d8:3d:9e:of:fa:f6:fo:56:76:59:  
15:45:e1:02:3a:17:2a:70:e5:42:f9:43:0b:96:e2:  
20:de:30:d5:b4:35:29:92:c7:36:9d:de:3f:4c:14:  
22:3d:3b:8b:04:53:9e:52:bb:3c:c3:bd:1d:db:dd:  
6d:34:1a:75:51:2e:08:70:70:74:e8:c9:44:a8:2f:  
2b:82:8e:2c:ca:bd:bf:c1:e2:8b:f8:4a:a1:b1:06:  
33:45:ac:c5:2f:79:46:48:62:of:3f:e1:34:4c:fo:  
7f:ab:9c:aa:1f:54:84:87:ab:39:3d:e2:e1:fo:69:  
e9:a8:f7:91:5d:a4:e2:45:26:be:6b:03:b5:30:1a:  
12:d4:f4:4b:a3:4c:16:90:7e:98:28:9b:6f:cf:15:  
eo:df:32:aa:83:be:8e:3d:ae:2c:c9:a6:38:80:dc:  
ce:4b

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

41659F91B3A8ED554E79FD4DDAD4498E157BDC9444E5F5683AD18693ABB4BA64

38 This CA certificate is self-signed, no root certificate available.

39 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV STD o6

Serial No.: 61:b5:14:ff:81:de:0a:7c:75:8b:c2:39:5d:75:38:ba

Valid from: Aug 1 06:06:23 2016 GMT

Valid to: Mar 31 08:06:23 2026 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV STD o6

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:af:b3:d2:90:97:07:8e:19:68:b4:71:57:94:48:  
7e:b5:c7:20:fc:c1:ca:ae:1e:5f:a8:f8:0e:0c:fg:  
e5:af:cd:89:d6:fe:a4:2a:f6:8b:a4:fd:89:a2:73:  
cf:9b:d3:b7:f1:dd:a1:17:ed:13:2e:c6:4e:55:23:  
92:c2:a3:f1:9b:c7:a1:fc:f1:29:e9:3d:55:d3:ec:  
cc:f2:78:ed:fo:51:03:68:eb:5e:92:53:11:75:23:  
3b:83:c4:4b:c4:61:7b:50:27:08:66:c3:d9:bb:2c:  
3e:4c:b7:38:d1:3c:9f:73:10:33:bc:7f:86:84:d5:  
0a:c2:6c:e6:f6:ad:62:e5:bc:44:eo:8b:28:7a:62:  
2e:fo:23:ef:66:ea:24:e9:1f:40:82:6c:28:ca:2d:  
2e:9c:d7:7a:6d:09:86:06:a9:43:a4:be:c4:32:43:  
85:9e:69:a9:0d:of:91:21:b7:fe:2e:62:28:c2:c4:  
68:a7:78:10:63:ee:a5:01:e5:a9:07:fe:50:35:29:  
ed:ba:54:0a:5a:dd:3a:8f:94:c3:52:2a:c6:a2:43:  
0c:b7:e5:fb:56:89:3f:85:a1:0a:af:eg:78:df:ee:  
3b:9e:c6:9b:91:ef:16:56:75:b4:54:34:17:4b:d2:  
db:73:71:b3:ca:85:0a:73:25:53:8e:58:21:7b:49:  
02:12:d9:d3:80:of:ec:55:do:f2:d3:4b:5d:d6:f7:  
96:00:5e:88:c7:21:46:4a:2a:77:41:c9:3f:6a:79:  
e9:d4:2e:4a:b1:47:6b:ac:07:67:e2:63:7c:83:04:  
96:b6:16:9c:b5:be:8f:33:65:ad:c6:0e:6f:6a:e7:  
9c:46:6b:64:e6:8c:3c:5f:84:82:e5:48:d6:8c:76:  
6c:eg:6e:eb:12:bb:40:62:24:5b:77:eo:d4:eo:eb:  
f6:a7:38:30:f6:a2:83:b8:cd:60:d1:48:d8:8f:a6:  
de:e2:45:84:a7:73:6b:ao:01:ea:81:2e:eo:b1:86:  
0a:96:8c:6f:18:c8:64:c2:83:f1:0b:fo:1d:24:cc:  
a6:eo:4e:00:48:e5:3f:41:58:ce:f7:46:0a:84:30:  
24:29:69:ed:9c:8e:b1:6b:42:55:ba:8e:61:64:0b:  
od:e2:3b:65:94:d6:c1:64:aa:f8:b5:a3:94:43:f9:  
1c:f9:bc:bd:60:7d:11:30:fo:48:f5:be:20:f4:3b:  
9c:cb:ab:bd:21:fd:27:e6:ad:94:d1:6a:01:30:43:  
05:d3:9b:eo:6f:98:3c:7d:83:b1:ae:62:89:4f:19:  
8a:d9:cf:bc:c2:f5:b8:f8:d9:77:3b:73:48:39:4c:  
dd:ba:54:ea:d3:b4:60:ba:be:c3:76:56:10:01:69:



03:ce:0f

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

2Do3FF63055BB6912E7C007E3A4DB46F6744D37D8A6F7F6122Fo4091CCoF2Ao2

40 This CA certificate is self-signed, no root certificate available.

41 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV STD o8

Serial No.: 75:da:a6:35:cd:40:4c:34:9e:25:c2:4c:co:17:ac:ee

Valid from: Mar 11 10:20:10 2020 GMT

Valid to: Oct 10 12:20:10 2029 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV STD o8

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:ca:f4:fo:dc:da:fo:c5:8e:5c:3a:0b:c4:e8:2b:  
60:f3:cd:4d:e4:ca:14:8a:73:91:b5:5d:16:do:00:  
3b:9d:18:1b:ca:82:f8:62:60:38:eb:50:8a:86:4d:  
c2:89:6a:e8:24:b2:dd:34:72:12:c2:3e:7a:e2:b4:  
54:27:4e:d9:7c:9d:3b:eb:7c:1e:af:1e:bd:63:c7:  
bf:e1:9e:bd:61:f3:79:b5:17:ec:73:8e:d1:f3:15:  
37:62:06:74:c2:c9:1c:e1:1b:fa:09:85:09:49:2e:  
33:5c:8a:a1:06:a3:54:05:fc:f5:97:3b:b2:b8:f2:  
a3:13:0b:24:9d:d6:97:62:7d:f3:30:ac:bc:ab:b7:  
aa:e9:11:a9:f5:99:7e:54:55:8c:65:1a:29:cf:8e:  
aa:98:66:57:a5:ac:e9:38:4e:99:63:b8:9e:7a:b2:  
43:ea:22:ee:83:f3:d5:93:3c:6c:ac:32:2e:fd:18:  
bo:4e:6c:61:3b:74:15:b5:39:7a:73:7a:82:89:1f:  
fd:44:64:f3:a1:4b:0e:bc:25:6c:bb:77:e1:b7:do:  
a2:c5:b5:d3:64:d6:6a:57:55:25:49:d5:5c:a8:e6:  
59:12:55:75:ee:c6:45:30:09:c3:f1:1e:ob:22:84:  
da:68:dc:a7:1e:36:fb:cc:4c:47:02:26:89:e3:01:  
3a:5d:76:fb:36:1c:a9:86:93:89:15:64:2a:3a:of:  
70:ec:b7:9d:1b:1b:82:17:8e:ao:8a:3b:81:88:88:  
6a:a5:18:f1:1f:fb:0a:7c:d3:d8:04:e5:06:3b:4b:  
da:88:89:a1:13:54:d2:19:e1:a9:66:e4:cc:16:51:  
41:65:c9:b1:7d:0c:95:of:cf:19:9a:3f:bc:a8:of:  
64:48:5e:c3:07:ef:do:84:1d:5d:60:1e:12:57:eo:

4a:40:2b:fd:fc:22:ba:4c:83:d6:ad:98:b2:37:5e:  
04:7b:87:ed:9f:a9:fc:fe:68:f8:ca:43:d3:cb:15:  
96:02:cc:60:3a:13:fe:b6:22:61:2f:eb:2d:e6:b9:  
cf:84:12:5e:21:a0:48:b9:f4:2f:d3:f5:67:cd:c7:  
do:do:a5:41:bo:fd:5a:d3:6b:a0:3d:2d:58:82:8c:  
ab:d3:8e:19:f6:51:48:73:77:23:a8:7a:cf:72:a1:  
15:1e:94:b3:00:5b:be:9f:7d:df:8b:72:63:36:5e:  
c2:a3:b3:24:39:63:d8:3d:a2:56:15:2f:f2:16:5a:  
47:01:a8:45:31:eo:64:9f:bf:82:7f:2e:ed:3a:co:  
2d:62:27:de:bd:7f:29:a4:of:e2:40:af:f3:a5:fo:  
da:24:90:f6:40:f2:9b:f2:be:b9:b8:fc:eb:82:6e:  
07:c8:67

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

CDCB29C8A213FB8CC93727322D701971D34D54ADA9265F79FB4F71B46DB437CC

42 This CA certificate is self-signed, no root certificate available.

43 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV STD 95

Serial No.: 7a:fd:9c:8e:c1:18:e7:a5:e9:2c:6e:7f:b8:49:ff:e1

Valid from: Oct 15 13:39:46 2015 GMT

Valid to: Mar 31 15:39:46 2025 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV STD 95

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

00:b5:cf:2e:e3:do:2d:01:4b:2b:f6:02:7d:31:6a:  
11:a1:83:43:4f:73:c9:07:44:11:32:59:89:fa:47:  
fd:0e:69:e8:02:df:c6:9b:09:26:5c:e2:8f:ba:de:  
bb:a2:73:c4:6e:40:6f:fc:5a:3f:ac:8e:d6:2c:82:  
a1:e6:25:93:45:76:e2:93:83:3c:59:of:40:88:fe:  
d9:8c:2a:62:f5:82:94:f7:fo:0b:3b:fa:58:fa:ce:  
52:a4:c3:91:19:cc:2e:eb:9c:b9:ca:58:2f:1a:e8:  
c3:f2:0a:96:f4:26:ad:00:58:56:fc:01:4c:06:20:  
73:45:2a:ab:12:43:f4:09:e4:82:f3:c4:c4:51:29:  
48:d2:b5:34:cb:e2:64:a8:7a:60:27:dd:69:db:11:  
59:3f:3d:fc:56:44:13:b1:ea:f4:bd:fo:72:33:94:  
d7:8a:d1:2e:f3:d6:6d:e1:d1:43:de:20:1f:5d:76:  
07:92:f7:39:co:49:52:09:bc:80:49:fc:7b:ac:ea:  
dc:4b:f6:28:35:7b:2d:2a:f6:4a:85:4e:4c:5e:05:

5b:e1:b2:d7:32:1f:20:f5:29:d7:0c:15:78:69:ae:  
 co:23:7c:0d:f1:d6:4f:7e:44:38:9c:7b:00:3e:f1:  
 79:db:e5:bd:33:fa:59:ed:af:3f:44:7d:4f:38:96:  
 b2:d1

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

C72oD18FAC1DE7816C70EDED52C4BE831B49C60E9F1969C9917995D22E36F37E

44 This CA certificate is self-signed, no root certificate available.

45 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = CA DATEV STD 97

Serial No.: 76:df:16:83:10:fc:22:df:76:58:3d:35:db:38:28:80

Valid from: May 2 05:40:59 2014 GMT

Valid to: Aug 2 07:40:59 2022 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV STD 97

Information on Algorithm: rsaEncryption

Public-Key: (2048 bit)

Modulus:

00:b1:fd:e7:fe:86:a7:a2:46:14:ac:39:e6:63:75:  
 e7:49:f9:be:a4:b6:84:8a:8c:81:57:27:5a:de:5d:  
 5e:d9:d8:a5:bb:5e:53:48:bd:e1:5f:bc:47:17:b5:  
 a2:78:93:3b:d7:78:f1:f5:3d:cc:0a:bo:03:84:1a:  
 45:02:fa:e5:ea:c3:f3:c2:3e:22:63:aa:c8:9c:8c:  
 37:a4:00:f5:d9:b3:07:1a:a7:68:05:29:80:60:52:  
 57:67:c6:a3:84:33:ed:0b:fo:30:68:ab:bd:97:eb:  
 c4:4a:ac:53:7e:88:61:5d:35:eb:9a:od:ef:c5:83:  
 d4:94:10:26:0c:fd:6a:8f:70:27:eg:17:5c:bd:87:  
 f6:d4:a6:4e:f8:37:8b:bf:ee:08:52:d7:e5:83:cc:  
 2d:d5:e5:4c:e2:b7:1b:f7:5b:59:47:d8:43:f9:ee:  
 bc:18:ee:34:c0:33:0d:55:d4:63:26:a9:af:b7:08:  
 df:11:68:c5:e4:df:3a:c3:eg:e4:fa:fo:a1:b8:4f:  
 60:6c:6d:31:3e:26:06:39:6a:ae:92:b7:58:cf:a1:  
 15:32:00:eb:9c:dd:b3:41:3c:5a:ob:b9:aa:5f:c8:  
 57:c4:46:1b:3e:13:f5:56:2c:d1:e4:47:72:4c:e3:  
 1c:7f:15:79:6b:db:f6:05:9b:cf:c9:63:2d:80:81:  
 61:33

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

6161BC70F4AF5D8D1A36A7648029E4532B2E768825928FEC989FE4A86F8613D5

46 This CA certificate is self-signed, no root certificate available.

- 47 None of the CA certificates mentioned above is signed by a root certificate.

### Root Certificate Root CA DATEV PE 01

- 48 The full annual audit covered the root CA certificate, which is identified by

Issuer: C = DE, O = DATEV eG, CN = Root CA DATEV PE 01

Serial No.: 59:99:00:c2:cb:57:ba:36:9a:ae:20:d4:e2:fc:4c:9b

Valid from: Aug 1 06:06:23 2016 GMT

Valid to: Mar 31 08:06:23 2026 GMT

Subject: C = DE, O = DATEV eG, CN = Root CA DATEV PE 01

Information on Algorithm: rsaEncryption

Public key: (4096 bit)

Modulus:

```

00:ac:b7:47:16:9b:1a:b7:39:c6:29:e6:d2:76:1b:
60:e9:e3:bd:b9:c3:7a:af:f4:ec:a3:ea:25:f6:18:
12:a2:86:24:24:3b:af:0e:af:2c:63:bb:7a:22:cb:
20:7f:f3:f6:62:df:fc:a9:85:42:8d:37:46:88:fb:
6f:10:0f:59:84:ed:7d:55:52:4a:43:9c:98:83:ad:
5d:3b:32:7d:e2:4d:21:b4:f4:82:da:ab:91:61:61:
69:20:09:7d:53:51:af:f7:a4:41:1b:17:57:34:c7:
42:47:28:51:be:54:5c:c3:c5:f4:d3:21:fa:73:76:
22:70:c6:cf:fb:b5:17:8a:46:59:39:19:ee:4c:a4:
8f:4b:89:54:f2:18:00:63:bd:a1:73:79:78:db:28:
57:do:8a:dc:2b:40:2a:26:0b:71:a7:6e:od:2d:9c:
od:42:1e:oc:c9:95:9c:d8:41:b9:c4:ba:25:61:49:
24:f1:59:cd:c5:3a:f4:2a:eo:c6:b3:f9:cb:69:99:
ea:09:d6:f1:3b:28:35:62:69:6d:60:65:0a:91:5b:
60:4f:cc:bo:f5:59:6c:b9:57:78:f6:2a:ob:10:11:
db:46:fo:od:dd:58:9c:75:e4:6a:4d:20:cf:of:13:
5f:fe:b3:2e:40:ea:cc:ac:83:5b:02:86:ed:aa:83:
5e:e6:46:68:91:22:87:4c:2e:63:56:c1:b1:b1:aa:
b2:8b:35:c9:52:86:03:55:2d:9a:4f:cb:8d:3f:47:
a1:4f:5d:c2:3c:4c:2e:02:4a:ob:56:59:07:90:18:
3a:a4:f8:ce:37:28:03:b3:32:79:9a:5a:b4:32:be:
c3:af:22:4f:19:59:7d:21:f2:db:bc:df:ba:41:ce:
88:91:bb:00:ae:04:f8:8b:eo:73:fc:98:fc:84:5b:
1c:da:oc:e4:88:50:93:c6:ee:12:53:e8:31:a8:70:
6a:4a:37:0e:12:09:17:eo:23:30:e2:4a:6d:05:97:
8c:11:e2:e2:56:2b:54:c6:e4:eb:ab:3a:65:co:31:
f8:39:fb:09:2a:41:8c:aa:29:5a:9e:od:7a:ef:dc:
7a:d7:68:c8:7a:9f:90:91:6b:fd:58:72:f7:e3:cf:
a6:bb:d1:5b:94:1b:3c:b6:a7:4e:0a:3c:bf:c9:eb:
a1:c9:23:55:25:e5:82:0e:90:59:4b:4c:e1:af:da:

```

b4:ec:2d:ao:02:ba:bc:d5:99:fd:ed:aa:c6:2e:d9:  
 a9:74:b4:a5:22:ca:b4:do:a6:c6:5c:05:d4:do:ed:  
 4e:od:c9:bf:c3:67:6b:1d:fc:2c:21:cd:33:5d:a2:  
 a2:bd:2b:08:35:c8:d2:2a:ff:77:9a:55:16:26:e1:  
 78:28:21

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

DDD16B5147FC523025E070A17867B63EDD27C282C1CCCCAB2CE658538FD2967B

- 49 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = Root CA DATEV PE 01

Serial No.: 55:19:47:ab:04:d6:6c:bb:44:f3:92:e7:94:d7:6e:e5

Valid from: August 2, 2016 06:50:53 GMT

Valid to: March 30, 2026 08:50:53 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV BT 31

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:d2:9b:02:b3:8e:e5:9c:ba:ba:97:0a:a5:8f:82:  
 a1:e2:76:39:26:d8:73:17:ae:31:ed:6b:58:86:33:  
 7f:3c:da:60:df:09:09:e3:b1:81:26:3c:fc:c4:3c:  
 73:18:2e:37:a6:5c:78:f9:67:16:6a:d6:da:8e:d3:  
 09:15:f4:a1:be:22:2f:fa:44:19:0d:39:e3:9a:ed:  
 eb:21:3b:fo:d6:fb:5f:86:72:ab:0a:dc:fa:51:84:  
 c4:e5:0c:b5:6b:59:87:eo:65:4b:58:b9:66:bc:28:  
 ed:96:20:fo:1d:4d:f9:fo:44:4c:5a:99:3c:eo:be:  
 38:6f:3d:81:b3:3b:b2:b2:cf:7b:co:1a:ac:35:c5:  
 2f:f8:54:94:58:4b:f7:38:28:a7:6a:5e:a8:88:76:  
 cd:69:fo:d1:83:0a:a8:4e:fo:25:40:7a:2d:dc:d1:  
 21:b6:8f:fc:08:56:c6:2a:24:df:26:ec:96:88:b2:  
 85:40:1e:bo:af:e7:bc:a9:70:79:af:52:cb:e9:0c:  
 ob:fb:a5:05:44:49:18:of:od:93:39:d8:55:ba:55:  
 ob:oe:3d:c1:22:8e:f5:e9:77:26:de:2e:43:3d:5c:  
 85:37:68:b2:82:11:a4:d3:35:do:3f:45:6f:bo:e9:  
 80:8f:85:f2:e8:cd:39:8d:38:d7:aa:f1:41:ad:93:  
 76:34:6d:9f:82:b1:90:19:1b:ca:f7:c5:f5:cc:7e:  
 ac:de:ab:0c:35:ob:43:06:1a:60:9f:c6:04:9f:fd:  
 28:83:ff:88:09:2d:f3:e7:69:77:ac:fc:ab:82:a7:  
 f1:f6:ab:77:a6:oe:ce:53:bd:33:b7:bf:12:b6:ce:  
 71:a9:57:do:c7:53:3b:f4:8a:2a:dd:85:aa:b9:4c:  
 d2:18:72:3a:e3:4a:14:58:a2:a9:58:b3:3b:e7:2a:

75:0c:6d:6b:10:od:e8:24:33:b2:ff:fa:d7:52:59:  
 25:36:53:of:14:af:3f:8a:66:43:e6:5a:f4:54:b8:  
 23:2c:58:35:4d:3f:e4:c7:53:f3:59:ff:64:1c:f5:  
 6c:5b:51:31:b8:24:84:2a:49:80:eb:b1:cb:f7:46:  
 a6:cf:4c:03:aa:ac:bc:a3:75:b6:4d:02:b7:4a:34:  
 5f:ac:5a:d3:5b:59:c1:75:74:6a:69:58:40:e3:02:  
 46:b9:e6:34:bd:7a:52:33:1f:0c:c9:11:ca:79:59:  
 22:21:96:78:d5:52:64:ad:45:c6:2a:53:0a:a1:21:  
 cd:23:63:b5:ad:7b:72:8f:1d:a9:4c:of:a4:4e:e7:  
 1e:ab:b3:2c:bd:4c:f2:15:98:3b:65:d7:c8:7c:28:  
 5e:ef:ae:97:0e:99:37:51:1c:e9:2e:da:73:8f:8d:  
 13:4d:19

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

824889731A3189DAF16282BCC433C031539B7280DAB57FC5EoC8BD7BC811CA4E

50 This CA certificate is signed by the obove-mentioned root certificate.

51 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = Root CA DATEV PE 01

Serial No.: 79:a4:2b:65:24:f7:47:bc:6e:e2:e9:36:05:8f:a5:26

Valid from: Aug 2 06:50:53 2016 GMT

Valid to: Mar 30 08:50:53 2026 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV INT 31

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:fo:84:d6:7e:2b:67:dc:0e:44:52:e4:f2:84:6e:  
 60:89:00:94:3d:72:0c:16:0b:cb:2e:dc:b4:c7:ca:  
 3d:77:25:7e:29:b7:62:17:6b:46:fd:3b:4c:3c:ab:  
 33:ca:5f:e9:f4:9c:75:ac:71:80:88:do:c8:f7:3c:  
 55:fb:30:11:0c:7a:73:d3:e1:30:33:8f:d8:ao:67:  
 d7:4a:46:a9:52:07:4e:c2:43:60:c5:9b:6f:18:46:  
 5a:16:2a:85:e2:cb:08:09:a5:05:ba:8f:2f:3d:cb:  
 52:31:5f:aa:19:aa:86:b1:ad:6a:b5:11:52:b8:25:  
 a2:ea:46:1c:0a:d7:bo:30:aa:ab:2e:bc:ff:56:29:  
 36:ba:6f:e9:89:a4:b4:96:61:9e:98:06:53:a5:of:  
 41:e9:ab:3d:5e:ad:24:88:dd:08:of:91:1d:77:43:  
 88:d9:93:80:da:19:44:a2:d8:85:22:45:63:d2:2c:  
 73:4e:38:57:31:60:86:be:b6:80:5c:bb:ao:70:16:  
 73:b9:f7:2a:bo:36:f6:d8:62:47:47:de:01:61:3a:  
 78:4a:65:14:6e:1d:84:6f:c7:b9:5d:5e:37:3d:9c:

bb:be:7f:c7:4f:02:6d:03:57:4b:b6:ee:a9:a4:3e:  
 6f:5b:1a:54:89:41:1d:cb:1d:0b:cc:75:ae:a1:8e:  
 b7:5e:65:af:do:c7:d8:a7:a4:9c:4a:45:95:0c:a9:  
 3e:17:49:e3:12:b6:09:96:94:6c:68:bo:60:92:01:  
 do:7b:dc:f3:2a:8c:a5:55:2d:39:52:eb:2c:7f:d8:  
 b3:1d:7a:83:78:0b:39:96:af:4c:bb:d8:4a:od:be:  
 45:90:88:32:1b:84:b5:4e:06:bf:of:dc:14:fb:42:  
 db:16:fa:29:46:bb:cd:50:0a:6d:92:c8:c5:1d:90:  
 7d:9a:e9:6b:39:ad:31:26:e4:88:72:94:c6:df:gd:  
 3d:ff:da:3e:14:a5:82:2c:aa:22:54:af:d4:20:93:  
 od:00:cd:ea:b2:05:54:21:43:d5:cd:3c:b1:51:8c:  
 29:84:00:a4:b5:28:ef:ac:45:7d:ef:00:of:77:2e:  
 a7:52:5a:31:22:a5:do:b6:d1:bf:c3:ec:50:d4:e7:  
 19:39:f2:81:fa:8f:a9:f8:74:1f:fg:7a:1b:98:fe:  
 b6:18:f2:bc:16:64:82:df:d3:01:a2:01:82:5e:fd:  
 83:3e:17:31:54:c3:e2:7c:c1:55:8c:9f:f4:80:4a:  
 3c:69:b6:b4:5a:6e:79:49:0e:a2:0c:e9:bb:4b:ea:  
 a4:63:67:a4:bd:95:fd:fc:of:bd:85:ba:90:f8:26:  
 f5:69:82:8f:aa:1e:12:30:d6:eb:32:29:b4:fb:6f:  
 e5:83:03

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

E64ABDoA1DE9D5FACAA854551F5CA9EC6B7235893B1EFEE62E29A2776947DA5D

- 52 This CA certificate is signed by the above-mentioned root certificate.  
 53 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = Root CA DATEV PE 01

Serial No.: 5e:2d:cf:bd:70:9a:82:e6:a1:7d:5c:9f:f1:65:a6:4c

Valid from: Aug 2 06:50:53 2016 GMT

Valid to: Mar 30 08:50:53 2026 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV STD 31

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:b8:49:a8:98:bo:5d:8c:90:cb:52:23:2c:f2:da:  
 d2:5c:c5:73:51:c6:e1:1e:4d:4a:b2:87:c4:0d:90:  
 36:4f:a1:44:fd:8b:81:1e:fa:f5:ae:eo:69:40:eb:  
 27:8c:43:15:bd:5e:e5:ed:82:4d:c4:5c:c7:54:b8:  
 49:40:b7:27:8d:09:d6:86:d9:1f:8d:99:f3:b7:21:  
 4c:bo:1e:d8:8a:5b:89:91:bo:c2:b9:2c:6a:1c:4d:  
 94:26:04:d6:af:a6:43:fe:do:9c:eo:a7:04:c1:1e:

52:1d:3a:7b:2a:1b:67:78:94:3c:fb:bc:42:3c:f4:  
 20:e0:60:5d:b4:bb:6b:1a:54:e6:56:ff:44:35:a9:  
 09:c1:89:1a:a1:c2:48:49:18:95:8a:d8:d4:a3:bb:  
 06:1d:a6:3a:c5:e7:b4:5f:28:2d:da:74:84:03:67:  
 37:cd:9d:do:8e:c7:13:od:87:d7:9b:1f:77:da:a3:  
 b2:06:bd:72:e7:45:ee:d2:31:b4:f2:2e:75:72:dd:  
 cd:66:10:91:b8:7b:9b:od:4e:07:df:f4:a3:d8:5b:  
 9b:1a:40:86:01:be:07:bf:d3:56:68:f5:63:00:cb:  
 57:0a:7a:05:c2:75:c8:d7:79:34:ef:1d:f3:17:94:  
 cc:92:fb:47:db:55:41:74:ab:5c:6f:b5:3e:0e:7b:  
 4d:ad:80:d5:59:29:62:ac:a9:05:2b:02:f1:d6:12:  
 9e:31:c8:25:53:4e:a2:5c:od:ce:82:78:1d:13:f9:  
 5a:a3:3e:42:8c:71:da:29:c7:09:a2:26:52:81:17:  
 31:f4:9a:04:7f:26:cc:29:3a:95:03:98:c8:89:26:  
 1d:15:14:4e:bc:d9:ca:8c:eb:58:d9:c2:90:65:75:  
 a9:3b:f8:24:79:3f:32:16:e2:fo:ao:71:1d:3b:29:  
 f5:54:ea:29:28:1e:a7:c6:7e:fo:ee:f6:90:1a:cc:  
 cc:71:e5:b6:ab:53:87:eb:ea:eb:64:f4:69:96:19:  
 c4:5a:a6:b3:24:a8:4a:18:71:38:28:02:9c:3f:68:  
 5b:08:43:f5:79:c7:6e:49:75:4d:bc:07:od:e4:c4:  
 70:73:2c:16:04:b4:a6:be:b9:e7:37:ea:fd:ec:ab:  
 15:42:80:ca:56:f8:33:eo:49:43:3b:03:16:75:46:  
 95:ef:6c:9b:07:00:12:bb:81:04:f9:bo:5c:aa:1e:  
 43:6f:65:50:ba:26:94:d9:df:3d:f8:fb:e7:13:63:  
 51:d9:d6:57:29:3a:29:30:oe:3e:17:5c:bd:3e:72:  
 7f:dd:1e:1d:2a:ae:eg:9c:f8:8b:66:4f:dc:86:9d:  
 41:3b:2a:a2:24:c4:c4:20:3a:20:97:19:26:do:1f:  
 bf:70:bd

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

DB65FAB261825AA81C517E5D294067E7AB7992F791F1E35C6623F43D4B143C01

- 54 This CA certificate is signed by the above-mentioned root certificate.

### Root Certificate Root CA DATEV PE 02

- 55 The full annual audit covered the root CA certificate, which is identified by

Issuer: C = DE, O = DATEV eG, CN = Root CA DATEV PE 02

Serial No.: 5e:3c:31:3a:51:0a:d3:08:ae:90:59:1e:b3:ba:38:bf

Valid from: Mar 11 10:20:10 2020 GMT

Valid to: Oct 10 12:20:10 2029 GMT

Subject: C = DE, O = DATEV eG, CN = Root CA DATEV PE 02

Information on Algorithm: rsaEncryption



Public key: (4096 bit)

Modulus:

```
00:eo:co:62:fo:8f:2d:ef:ae:01:4c:2b:bb:c3:1e:
03:1f:a2:dd:oa:ba:1e:56:23:ce:66:c1:b9:22:2e:
01:d6:5f:26:ba:ec:49:51:f8:c1:ff:bo:b8:79:d4:
28:e9:bc:7b:da:d3:26:06:a3:39:ba:28:9c:00:cd:
dc:e1:03:31:5b:c9:f5:49:a9:db:85:98:fc:49:f3:
2c:e9:04:89:e7:9c:53:ae:40:7a:af:ec:40:de:2a:
33:94:25:d4:fa:08:2e:41:c7:a9:a1:56:ec:74:f4:
27:46:39:3f:a7:7c:90:9b:68:ee:1f:dc:ao:94:4e:
02:bo:50:17:de:5f:e2:86:e2:ad:ob:bd:b2:fe:f8:
43:16:bd:4c:e8:ec:2e:f1:11:2d:eb:ab:98:4d:48:
61:5e:f6:5d:17:af:fc:43:4d:2d:88:bc:31:e6:64:
2b:e3:94:d4:99:aa:7a:19:f9:db:ob:52:1e:8f:36:
ca:25:aa:e1:18:66:bf:00:a6:bb:90:12:6a:76:67:
75:79:73:24:93:03:25:06:ee:8c:44:c3:85:c6:5f:
co:3b:fb:63:f9:10:e8:a2:c2:7a:e9:c3:80:29:3e:
c7:a4:f8:ef:a8:1d:7f:ad:97:10:12:67:b8:58:fo:
b6:e8:03:d1:44:eo:43:2d:64:01:62:ce:cb:ba:96:
f1:46:62:71:4d:3c:4a:17:10:66:ec:eo:41:37:30:
3b:6b:b3:1f:87:0c:f1:43:3c:4e:79:05:26:cb:9f:
85:b7:e9:af:bo:23:a7:b2:45:54:24:6d:df:27:d3:
8a:8f:23:54:95:11:26:cd:4d:87:c1:28:of:co:38:
44:f4:f7:1e:7f:bd:20:a9:10:2d:ef:db:ba:7e:5c:
d2:ef:9e:cc:45:1b:45:91:07:65:12:9a:07:ee:3d:
9b:5d:44:c9:ae:b7:8d:2e:91:13:c5:3a:c8:e7:a7:
47:30:75:2e:55:b5:af:60:65:12:4a:e4:7b:b3:1f:
f7:93:8c:76:80:df:a7:e8:3a:b9:62:8f:84:36:b5:
8d:57:ee:de:8d:e8:fd:66:7d:cb:60:9f:d7:bb:oe:
11:6f:9c:9a:13:a6:62:b8:55:ef:70:f8:6b:20:5d:
79:22:e7:18:87:d5:e7:1d:d9:89:84:5a:32:a7:e7:
11:82:44:ca:20:96:76:fe:7b:cb:65:74:40:54:99:
b7:ec:8a:f8:bd:72:de:4a:e6:63:a5:80:17:3c:da:
f3:bb:f9:d8:69:63:e2:3d:c8:eb:93:88:b7:4a:bd:
f4:c8:52:91:6c:fo:6b:fe:b6:60:50:29:26:92:60:
54:19:of:17:1f:2a:23:00:dc:45:22:8d:10:b5:30:
a7:e3:15
```

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

```
E32A4AC750772FooC6BF546C7338C56D87BCD67615E07CCCAFD7D582A24D8B97
```

56 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = Root CA DATEV PE 02

Serial No.: 6c:aa:c8:e9:79:93:0b:44:8a:bo:72:3d:05:8c:3d:02

Valid from: Apr 6 07:24:31 2020 GMT

Valid to: Oct 9 09:24:31 2029 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV BT 32

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:a9:7c:70:b4:36:ce:6b:eo:b6:ac:e5:6d:7c:31:  
ae:17:00:eb:ee:bd:6d:73:55:3a:2b:24:06:05:25:  
42:81:b2:fa:ae:25:3b:47:b6:62:be:2a:54:84:e4:  
bf:d4:0c:5d:f6:b9:0e:c4:09:5b:8b:bb:90:a2:3d:  
ff:b1:ef:48:25:8a:24:2e:aa:80:59:69:4c:de:ad:  
ea:9d:1c:aa:0e:72:74:bc:bf:64:88:39:e1:85:7e:  
c6:9e:3a:d2:0b:57:1f:7e:d6:17:89:15:1a:7b:71:  
bo:47:cd:53:3a:98:e5:44:b8:3f:f3:84:9f:2f:co:  
do:fe:bc:f5:03:40:47:02:ae:ac:44:90:74:2c:9c:  
80:ec:86:d3:07:f4:e9:06:dd:4b:1c:fe:02:60:a3:  
9a:59:f8:0f:b6:d3:50:88:dd:68:87:4d:d9:b2:f1:  
cf:05:4f:05:aa:a1:63:42:f2:16:72:08:e1:75:79:  
11:c4:3d:f4:8a:af:b5:07:04:a8:32:6d:fo:9c:5a:  
65:32:d4:c1:32:16:3f:64:d9:9c:0c:6b:26:0b:23:  
6d:b6:cf:34:2b:46:93:9d:95:1f:9e:39:2f:1e:e8:  
91:e8:48:5b:87:92:a4:a4:c2:e9:a7:cf:56:a2:a5:  
12:8d:36:db:32:51:31:02:db:9e:55:fe:3c:8e:48:  
b6:6b:36:fd:5e:e7:21:81:99:d4:a5:99:c8:bb:f3:  
64:32:01:45:fd:fa:2e:49:f5:b3:24:b4:19:60:da:  
cf:fo:co:90:e7:82:fc:24:8f:b2:41:b5:77:76:9e:  
f8:63:58:99:08:b1:f6:bc:03:54:fa:53:1e:67:5b:  
7d:ba:be:d1:41:3d:27:31:18:ab:4c:e3:92:a4:01:  
0a:16:61:12:e6:7f:9e:a4:9f:dd:79:e4:18:65:77:  
80:c3:a2:ed:55:58:a3:7a:33:ef:38:f3:8c:25:ff:  
bo:b4:2b:aa:fb:d8:84:11:a7:dc:35:17:01:a9:62:  
2e:8f:b7:d9:ad:a6:4a:47:84:cb:d4:44:2e:ca:0b:  
80:ao:cc:42:50:30:2b:5d:b6:64:cf:of:b1:27:3f:  
47:52:35:79:28:e5:0e:39:57:8d:98:79:9b:9f:76:  
e5:08:40:16:od:99:71:00:ac:4f:50:b9:fe:70:e2:

82:da:ba:eb:fd:07:88:ff:bc:eb:d5:b4:de:55:01:  
 32:8a:4b:12:32:3d:fe:5f:fo:d6:5a:c4:dd:ac:7e:  
 15:80:6c:09:ea:ef:6e:od:81:36:cf:51:b9:59:a3:  
 8e:58:75:fa:d9:df:02:e5:aa:of:da:5c:22:05:60:  
 c8:dd:13:af:d4:b6:8a:da:07:ed:d2:d6:83:29:8a:  
 bc:30:of

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

C3C48EAEFF4C7CEEBo1BB996F41C49B547866430BBBAF8B1AB54C22437E51D34

- 57 This CA certificate is signed by the obove-mentioned root certificate.  
 58 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = Root CA DATEV PE 02

Serial No.: 57:67:1c:5e:8f:87:e5:e6:1b:27:53:90:39:bd:2f:1b

Valid from: Apr 6 07:24:31 2020 GMT

Valid to: Oct 9 09:24:31 2029 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV INT 32

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:a9:9b:4e:38:67:bd:62:87:e7:5e:5f:cc:84:ff:  
 83:75:f6:cc:92:c2:c6:4d:f8:72:4f:4d:6a:44:45:  
 24:7e:13:d5:1b:13:co:06:ce:c1:df:ao:80:9a:ob:  
 7c:e5:c5:95:ef:33:b7:b4:a3:b3:d8:7b:32:76:46:  
 cf:3e:c4:bf:49:2d:73:c6:68:f3:db:of:40:13:1c:  
 62:79:31:ce:b9:53:7b:49:39:f1:f1:3b:oc:79:cb:  
 9c:ff:4e:cb:5a:dd:f1:6e:ab:d2:ca:6c:99:fc:a6:  
 1a:d7:ba:e7:af:d7:eb:de:40:27:59:c9:08:d2:b8:  
 71:45:cf:4b:6b:3e:ob:fb:b7:f4:c5:f9:4d:fb:84:  
 68:6e:61:ob:b5:99:a1:ce:34:b9:ef:dc:37:7e:b7:  
 oc:cb:4c:c8:8e:50:do:7a:49:27:4c:c6:e1:9a:85:  
 71:c5:59:12:b1:c8:ae:bc:fb:d5:aa:c3:e1:a4:c1:  
 f5:7c:07:a8:5f:46:07:7a:7d:f9:29:eo:07:e9:76:  
 42:65:be:9f:5d:31:52:f3:26:oa:7e:dc:8d:c3:9e:  
 48:9a:60:e8:90:7c:7a:75:dc:d6:1d:e9:ao:4a:b4:  
 b2:fa:9d:86:8d:5a:6b:66:a5:93:2e:a1:39:ea:23:  
 ce:d2:f4:ae:7f:00:e4:ef:bd:5a:be:fb:6d:5c:25:  
 e8:61:88:88:00:95:e7:8b:77:c7:80:e7:97:e1:df:

52:89:45:30:00:6a:61:a7:db:8b:d8:dc:fe:27:de:  
 98:fd:fb:de:03:6a:21:8a:2b:53:06:fb:e7:43:42:  
 19:10:74:7f:7e:33:1f:29:13:db:41:52:68:71:a7:  
 d3:e5:94:ff:co:bc:d4:99:ef:eb:fe:bo:c2:fd:23:  
 c9:d6:51:bo:08:e1:ac:15:d3:18:ba:7f:85:48:e7:  
 8b:7b:3a:f1:56:5f:19:03:f3:bb:c3:67:2b:80:42:  
 16:30:80:4d:37:17:82:ba:32:ca:b1:af:af:59:60:  
 43:f7:1e:bc:14:34:f6:b3:9f:88:4f:a2:ba:ff:7b:  
 6b:09:8c:55:9b:23:fb:90:8a:5f:e3:bd:13:f8:5e:  
 d5:dd:bb:43:67:ac:1f:8a:84:96:19:3c:67:2a:a4:  
 9c:a9:e9:81:3e:40:34:70:6e:8a:fd:dd:15:8a:5e:  
 ac:fa:83:14:d2:75:2c:37:26:3e:e9:7a:9c:91:e5:  
 1f:24:88:19:ac:46:7d:16:7d:03:3e:74:cd:52:e3:  
 26:a4:6b:83:57:60:7c:35:02:72:dd:33:6a:07:9d:  
 e7:54:96:7b:df:79:b1:e5:46:f7:fo:f9:a7:d3:73:  
 50:87:8e:e2:90:79:eo:ba:d9:b5:9e:f8:31:c8:a2:  
 77:fe:19

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

BoBo70126922FE824C85E363534723Co3E7E6CB7F401AFEoDC3193BD46B6Bo3F

- 59 This CA certificate is signed by the obove-mentioned root certificate.  
 60 The full annual audit covered the service provided under the CA certificate:

Issuer: C = DE, O = DATEV eG, CN = Root CA DATEV PE 02

Serial No.: 7e:66:ab:66:9e:b9:f7:96:98:5c:f9:od:b1:o8:e5:02

Valid from: Apr 6 07:24:31 2020 GMT

Valid to: Oct 9 09:24:31 2029 GMT

Certification Authority: C = DE, O = DATEV eG, CN = CA DATEV STD 32

Information on Algorithm: rsaEncryption

Public-Key: (4096 bit)

Modulus:

00:c2:28:c8:10:f5:d8:1b:b5:92:54:80:45:dd:d1:  
 bc:88:50:ed:77:eo:79:63:oc:a7:7d:54:b6:6e:ee:  
 21:5c:47:94:fd:40:4a:d9:e1:ce:fo:ce:61:99:8e:  
 70:db:ec:bc:4e:ef:4e:86:85:fo:5c:cb:43:f7:7e:  
 34:57:c8:c8:42:31:ee:e8:ec:35:8e:b5:3f:2d:co:  
 8b:aa:8a:ac:oe:e1:59:4c:82:16:bd:04:6c:d8:5c:  
 28:12:9a:b6:45:d5:86:e9:26:10:97:d4:c8:fb:9d:

8e:a2:a8:9b:ce:ef:0b:13:5a:7e:bo:08:28:18:50:  
57:24:be:09:88:70:10:fa:ef:17:a6:41:ca:8e:16:  
dc:e2:f5:ab:57:27:7b:e6:cf:2f:a1:b8:fd:f3:44:  
99:73:54:7e:14:3e:co:a5:do:4e:34:a6:99:do:43:  
8d:dc:d3:56:c8:06:95:d7:54:d2:7f:24:72:52:ff:  
69:73:5b:9a:7a:2e:3e:24:56:8e:61:e8:9f:ba:8b:  
e5:b1:86:62:ae:fa:6e:80:25:e9:ff:60:3e:12:7c:  
e8:9e:94:8c:06:65:7f:2c:45:e8:ab:7b:a4:9a:32:  
10:94:c2:12:9d:f9:43:87:32:d1:93:df:59:04:8c:  
50:1f:d5:b4:77:91:7d:8b:b8:c8:33:30:8b:ce:eo:  
a4:42:55:14:b2:28:8b:5a:fe:6f:63:57:f3:4d:1c:  
c8:7a:f3:de:5a:0b:9e:be:08:ab:07:fa:90:od:b5:  
e8:70:ad:co:10:af:31:73:5c:0c:3a:37:4a:ao:e2:  
47:a6:5c:50:cd:6a:9f:dd:e7:bf:7f:39:a3:f1:a8:  
70:86:5d:fo:d7:3d:66:3f:74:27:5f:bd:01:25:88:  
6e:6e:bf:2a:c9:11:36:6e:ca:40:36:99:c5:ce:5d:  
55:f3:15:d3:30:63:eo:55:e5:91:98:87:13:7d:f1:  
4c:83:4f:a1:9b:od:ed:1e:4f:91:77:52:3f:a9:cf:  
dd:01:1e:8a:f2:87:bd:ef:63:dd:ab:69:38:fc:82:  
2c:50:29:00:52:1f:0e:88:e4:82:7a:18:07:5b:02:  
20:82:ao:7e:a8:db:83:88:78:73:a6:ae:08:5e:f1:  
58:7a:01:94:a3:f5:77:de:88:of:cb:b1:db:01:87:  
bb:b8:c2:04:1f:6e:10:77:6f:f1:16:1f:01:42:d8:  
do:46:68:06:0c:a3:59:b5:b3:c4:aa:95:8e:87:97:  
d3:c9:eb:8f:19:bf:1b:b1:25:9d:f4:1a:14:35:85:  
b8:22:d9:05:c5:06:55:90:14:dc:03:c2:08:40:ea:  
77:a3:4e:44:56:d7:8b:d8:c8:a7:e2:bo:93:43:ab:  
58:72:9f

Exponent: 65537 (0x10001)

Hash value of the certificate (SHA256):

E6BoFAAB2AB6F8651438AD35EB52E802966C19CB5B3D26A126840FA4FD4A892C

- 61 This CA certificate is signed by the above-mentioned root certificate.
- 62 The audit was completed successfully without critical findings.
- 63 For contact information, see page 2.

## References

- (A) ETSI EN 319 411-2 V2.3.1 (2021-05): Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 2: Requirements for trust service providers issuing EU qualified certificates
- (B) ETSI EN 319 411-1 V1.3.1 (2021-05): Electronic Signatures and Infrastructures (ESI); Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General Requirements
- (C) ETSI EN 319 401 V2.3.1 (2021-05): Electronic Signatures and Infrastructures (ESI); General Policy Requirements for Trust Service Providers
- (D) DIN EN ISO/IEC 17065:2013-01 „Konformitätsbewertung – Anforderungen an Stellen, die Produkte, Prozesse und Dienstleistungen zertifizieren“
- (E) ETSI EN 319 403 V2.2.2 (2015-08): Electronic Signatures and Infrastructures (ESI); Trust Service Provider Conformity Assessment – Requirements for conformity assessment bodies assessing Trust Service Providers, Version 2.2.2, 2015-08, European Telecommunications Standards Institute
- (F) ETSI EN 319 421 V1.1.1 (2016-03): Electronic Signatures and Infrastructures (ESI); Policy and Security Requirements for Trust Service Providers issuing Time- Stamps

## End of Audit Attestation