Kitemark™ Certificate

By Royal Charter

This is to certify that:

KPN B.V.
Fauststraat 1
7323 BA Apeldoorn
The Netherlands

Holds Certificate Number: ETS 029

In respect of:

ETSI EN 319 411-1 v1.1.1 (Trust Service Providers issuing certificates; Part 1: General requirements)

Delivers a Trust Services according to the requirements of the standard mentioned above for services specified (see page with detailed scope).

This issues the right and license to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from the time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions..

The use of the Kitemark is authorized in respect of the Trust Services detailed on this Certificate provided at or from the addresses specified on following page(s).

For and on behalf of BSI:

Chris Lewis - Certification Director, Product Certification

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On the request of KPN B.V. (hereafter referred to as: KPN), the annual certification audit on all areas and processes was performed by BSI Group The Netherlands B.V. (John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands) on behalf of BSI Assurance UK Ltd.

The full audit covered all applicable requirements from the audit criteria listed below (see "Audit Information") and are defined in KPN's Statement of Applicability, dated 12 July 2019 and the Overview of Applicability, dated 9 May 2019.

The scope of the assessment comprised the following Trust Service Provider component services:
-    Registration Service (p);
-    Certificate Generation Service (c);
-    Dissemination Service (c);
-    Revocation Management Service (c);
-    Revocation Status Service (c);
-    Subject Device Provision Service (p) (*)
     This includes operating a remote QSCD / SCDev, where electronic signature creation data is generated and managed on behalf of the signatory.

The TSP component services are performed, partly (p) or completely (c) by subcontractors under the final responsibility of KPN.

These TSP component services are being provided for:
-    Issuance of public key certificates (non-qualified trust service), in accordance with the policies: NCP+, OVCP, EVCP and PTC

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The certificates are issued through its issuing certification authorities, as specified below:

Root CA: Staat der Nederlanden Root CA - G2 (not in scope)

Domain CA: Staat der Nederlanden Organisatie CA – G2 (not in scope)

Issuing CA: CN = KPN Corporate Market CSP Organisatie CA - G2

- O = KPN Corporate Market BV
- Serialnumber: 01313717
- Valid from February 8, 2012 tot March 23, 2020
- SHA-256 fingerprint: CB37E05DBC455A09481F3EF56AAC7E887676A4B61346394E6EE6A9447EA8D6BD
  + Authenticiteit (2.16.528.1.1003.1.2.5.1), in accordance with policy: NCP+;
  + Vertrouwelijkheid (2.16.528.1.1003.1.2.5.3), in accordance with policy: NCP+
  + Services – Authenticiteit (2.16.528.1.1003.1.2.5.4), in accordance with policy: NCP+
  + Services – Vertrouwelijkheid (2.16.528.1.1003.1.2.5.5), in accordance with policy: NCP+
  + Services – Server (2.16.528.1.1003.1.2.5.6), in accordance with policy: OVCP, PTC

Intermediate CA: CN = KPN Corporate Market CSP Organisatie CA - G2

Issuing CA: CN = KPN Corporate Market CSP Justitie CA - G2

- O = KPN Corporate Market BV
- Serialnumber: 01313717
- Valid from February 8, 2012 to March 23, 2020
- SHA-256 fingerprint: E3BFE8F042B2C44406FB54ACB85ADD81E88F9366884B7B42947968F86E7E9A23
  + Authenticiteit (2.16.528.1.1003.1.2.5.1), in accordance with policy: NCP+;
  + Vertrouwelijkheid (2.16.528.1.1003.1.2.5.3), in accordance with policy: NCP+
  + Services – Authenticiteit (2.16.528.1.1003.1.2.5.4), in accordance with policy: NCP+
  + Services – Vertrouwelijkheid (2.16.528.1.1003.1.2.5.5), in accordance with policy: NCP+
  + Services – Server (2.16.528.1.1003.1.2.5.6), in accordance with policy: OVCP, PTC

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Issuing CA: CN = KPN PKIOverheid Organisatie CA - G2
- O = KPN B.V
- Serialnumber: 334ef816cd24a068
- Valid from April 12, 2016 to March 23, 2020
- SHA-256 fingerprint: 8F2566A8FCCF6AE8C358B0B8A6D8C7FF0AB16341636478C8BB544E9DD6AA6011
  + Authenticiteit (2.16.528.1.1003.1.2.5.1), in accordance with policy: NCP+
  + Vertrouwelijkheid (2.16.528.1.1003.1.2.5.3), in accordance with policy: NCP+
  + Services – Authenticiteit (2.16.528.1.1003.1.2.5.4), in accordance with policy: NCP+
  + Services – Vertrouwelijkheid (2.16.528.1.1003.1.2.5.5), in accordance with policy: NCP+
  + Services – Server (2.16.528.1.1003.1.2.5.6), in accordance with policy: NCP+

Root CA: Staat der Nederlanden Root CA - G3 (not in scope)

Domain CA: Staat der Nederlanden Organisatie Persoon CA - G3 (not in scope)

Issuing CA: CN = KPN PKIOverheid Organisatie Persoon CA - G3
- O = KPN Corporate Market B.V.
- Serialnumber: 01313ac3
- Valid from March 12, 2015 to November 12, 2028
- SHA-256 fingerprint: 3F785025BCCFACA4701A1734CE0F7B30CE4106942C8D92F41B70B067ED65D354
  + Persoon – Authenticiteit (2.16.528.1.1003.1.2.5.1), in accordance with policy: NCP+
  + Persoon – Vertrouwelijkheid (2.16.528.1.1003.1.2.5.3), in accordance with policy: NCP+

Issuing CA: CN = KPN BV PKIOverheid Organisatie Persoon CA - G3
- O = KPN B.V.
- Serialnumber: 0f08387dd5df4b99
- Valid from December 8, 2016 to November 12, 2028
- SHA-256 fingerprint: A9B5698C5263BEFF3D60720DC1844CB95D16F06E04268BCE3BE4D60282B01EF9
  + Persoon – Authenticiteit (2.16.528.1.1003.1.2.5.1), in accordance with policy: NCP+
  + Persoon – Vertrouwelijkheid (2.16.528.1.1003.1.2.5.3), in accordance with policy: NCP+

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Domain CA: Staat der Nederlanden Organisatie Services CA - G3 (not in scope)

Issuing CA: CN = KPN PKIOverheid Organisatie Services CA - G3
- O = KPN Corporate Market B.V.
- Serialnumber: 01313a60
- Valid from March 12, 2015 to November 12, 2028
- SHA-256 fingerprint: CE0250F2A9F18F68D5FF944A4C659F6692F73E0369CECC215F5F257E32259878
    + Services – Authenticiteit (2.16.528.1.1003.1.2.5.4), in accordance with policy: NCP+
    + Services – Vertrouwelijkheid (2.16.528.1.1003.1.2.5.5), in accordance with policy: NCP+

Issuing CA: CN = KPN BV PKIOverheid Organisatie Services CA - G3
- O = KPN B.V.
- Serialnumber: 43f05cbc60cb61f1
- Valid from December 8, 2016 to November 12, 2028
- SHA-256 fingerprint: F22DB657A1A929841ABCAC52671A5CEE8A7D069586AF85CE16DE2B05DDA22252
    + Services – Authenticiteit (2.16.528.1.1003.1.2.5.4), in accordance with policy: NCP+
    + Services – Vertrouwelijkheid (2.16.528.1.1003.1.2.5.5), in accordance with policy: NCP+

Issuing CA: CN = KPN PKIOverheid Organisatie Server CA - G3
- O = KPN Corporate Market B.V.
- Serialnumber: 01313a5f
- Valid from March 12, 2015 to November 12, 2028
- SHA-256 fingerprint: 71B3ED8CEECCC0638CD2022B426E921766271DE62367C7CD852EC2F1E1111E76
    + Services – Server (2.16.528.1.1003.1.2.5.6), in accordance with policy: OVCP, PTC

Issuing CA: CN = KPN BV PKIOverheid Organisatie Server CA - G3
- O = KPN B.V.
- Serialnumber: 61c52f585598525c
- Valid from December 8, 2016 to November 12, 2028
- SHA-256 fingerprint: 7E082BBC56976B159D4696540A96B60148614BA9B5E29B2035F789BECFBF0657
    + Services – Server (2.16.528.1.1003.1.2.5.6), in accordance with policy: OVCP, PTC

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Issuing CA: CN = KPN BV PKIOverheid Organisatie Server CA - G3

- O = KPN B.V.
- Serialnumber: 7b7485b9f0514a5521e52d391a1aaedb936d8f8c
- Valid from April 16, 2019 to November 12, 2028
- SHA-256 fingerprint: 5679A431E79D4EB9EE967C60D8703C7C78F443F71DB97157E43059DE42D850DF
  - + Services – Server (2.16.528.1.1003.1.2.5.6), in accordance with policy: OVCP, PTC

Root CA: Staat der Nederlanden EV Root CA (not in scope)

Intermediate CA: Staat der Nederlanden EV Intermediair CA (not in scope)

Issuing CA: CN = KPN CM PKI Overheid EV CA

- O = KPN Corporate Market B.V.
- Serialnumber: 6a4596653cad8b2e7c9f22ceb2aa6769
- Valid from October 21, 2015 to December 6, 2022
- SHA-256 fingerprint: 4B24C521C47600E83800A3FF0C2D58DC02C8177EF7DA697C5A80C1D4867A66DD
  - + EV policy OID (2.16.528.1.1003.1.2.7), in accordance with policy: EVCP

Issuing CA: CN = KPN PKIOverheid EV CA

- O = KPN B.V.
- Serialnumber: 0a32913335ad3dff3f33b2e283258a4d
- Valid from March 3, 2016 to December 6, 2022
- SHA-256 fingerprint: 5DB1D22D706684F0719E8902FB86B346B3FC9E4D1A1F92283A488BC3D1A0484B
  - + EV policy OID (2.16.528.1.1003.1.2.7), in accordance with policy: EVCP

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Root CA: Staat der Nederlanden Private Root CA - G1 (not in scope)
Domain CA: Staat der Nederlanden Private Services CA - G1 (not in scope)

Issuing CA: CN = KPN PKIoverheid Private Services CA - G1
- O = KPN B.V.
- Serialnumber: 13415c14466ed538
- Valid from November 25, 2015 to November 12, 2028
- SHA-256 fingerprint: BDB68500AAAE2563C57B4525784360436D3E3FD8DF974B25A77F132CECC2A49D
    + Server (2.16.528.1.1003.1.2.8.6), in accordance with policy: OVCP

The TSP component services are documented in the following KPN Certification Practice Statement(s):
- KPN B.V. - Certification Practice Statement PKIoverheid, v5.1, 5 April 2019
  (OID: 2.16.528.1.1005.1.1.1.2)
- KPN PKIoverheid PKI Disclosure Statement, v1.00, October 2016

Our annual certification audit was performed in May 2019 and July 2019. The result of the full audit is that we conclude, based on the objective evidence collected during the certification audit for the period from 1 June 2018 through 31 May 2019, the areas assessed during the audit were generally found to be effective, based on the applicable requirements defined in KPN's Statement of Applicability, dated 12 July 2019 and the Overview of Applicability, dated 9 May 2019.

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Audit information:

Audit criteria:

- ETSI EN 319 411-1 v1.1.1 (2016-02) Electronic Signatures and Infrastructures (ESI) - Policy and security requirements for Trust Service Providers issuing certificates - Part 1: General requirements, for the policies: NCP+, OVCP, EVCP and PTC;
- CA/Browser Forum – Baseline Requirements Certificate Policy for the Issuance and Management of Publicly-Trusted Certificates v1.6.4 (16 March 2019);
- CA/Browser Forum – Guidelines for the Issuance and Management of Extended Validation Certificates v1.6.8 (9 March 2018)
- CA/Browser Forum - Network and Certificate System Security Requirements v1.2 (15 September 2018);
- PKIoverheid - Programma van Eisen v4.7, part 3 Basiseisen, part 3 Aanvullende eisen and the requirements from parts 3a, 3b, 3e, 3f, 3g, 3h.

Audit Period of Time:

1 June 2018 – 31 May 2019

Audit Point in Time:

22 February 2019 – this applies only to the scope extension for the TSP component Service marked with (*)

Audit performed:

May 2019 and July 2019

February 2019 – applies only to the TSP component Service marked (*)

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