

# Kitemark™ Certificate

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 v1.2.2 (Policy and security requirements for Trust Service Providers issuing certificates; Part 1: General requirements)**

Delivers Trust Services according to the relevant requirements of the standard mentioned above, as specified (see page with detailed scope).

For and on behalf of BSI:

\_\_\_\_\_  
Drs. Dave Hagenaaars, Managing Director

First Issued: 2014-09-30  
Latest Issue: 2021-08-25

Effective Date: 2021-09-30  
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# Kitemark™ Certificate

No. ETS 029

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).

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 May 17, 2021 and the Overview of Applicability, dated April 28, 2021.

The scope of the assessment comprised the following Trust Service Provider component services:

- Registration Service (p)
- Certificate Generation Service
- Dissemination Service
- Revocation Management Service
- Revocation Status Service
- 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) 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 policy: NCP+, OVCP, PTC and EVCP.

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To check its validity telephone +31 20 3460780. An electronic certificate can be authenticated [online](#).

BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
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# Kitemark™ Certificate

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

**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
- Revoked on July 9, 2020
- 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+

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

**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 BV PKIOverheid Organisatie Server CA - G3**

- O = KPN B.V.
- Serialnumber: 61c52f585598525c
- Revoked March 25, 2021
- 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
- Revoked March 25, 2021
- 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
- Revoked July 9, 2020
- 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
- Revoked September 10, 2020
- SHA-256 fingerprint: 5DB1D22D706684F0719E8902FB86B346B3FC9E4D1A1F92283A488BC3D1A0484B
- + EV policy OID (2.16.528.1.1003.1.2.7), in accordance with policy: EVCP

**Issuing CA: CN = KPN PKIOverheid Server CA 2020**

- O = KPN B.V.
- Serialnumber: 7ab130a2ade85de546dce3e34cab837b1f725d4
- Revoked September 10, 2020
- SHA-256 fingerprint: 1B0E9C5765A4020508C7B015277B57CE0EF217DB9F2BDBA0DA3641433D15960
- + OV policy OID (2.16.528.1.1003.1.2.5.9), in accordance with policy: OVCP, PTC

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**Issuing CA: CN = KPN PKIoverheid Server CA 2020**

- O = KPN B.V.
- Serialnumber: 7498a8335021985add2945b2d159d929733bdadd
- Valid from July 29, 2020 to December 5, 2022
- SHA-256 fingerprint: 592E1A2F0A34284B0E26FCB4FED22AF859848EEE8822ADB61B42DAB47A2FFDC2
- + OV policy OID (2.16.528.1.1003.1.2.5.9), in accordance with policy: OVCP, PTC

**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 11, 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, v5.5, November 30, 2020 (OID: 2.16.528.1.1005.1.1.1.2)
- KPN PKIoverheid PKI Disclosure Statement, v5.3, July 1, 2020

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Our annual certification audit was performed in May and June 2021. 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 2020 through 31 May 2021, 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 May 17, 2021 and the Overview of Applicability, dated April 28, 2021.

## Audit information:

### Information on Mozilla Bug 1706950 "PKIoverheid: KPN issued Invalid organizationalUnitName"

We assessed the follow-up of Mozilla Bug 1706950, opened 22 April 2021 and noted that KPN has not yet implemented adequate corrective actions (as mentioned in the bug).

## Audit criteria:

- ETSI EN 319 401 v2.2.1 (2018-04) General Policy Requirements for Trust Service Providers;
- ETSI EN 319 411-1 v1.2.2 (2018-04) Electronic Signatures and Infrastructures (ESI) - Policy and security requirements for Trust Service Providers issuing certificates - Part 1: General requirements, for the policies: NCP+, OVCP, PTC and EVCP;
- CA/Browser Forum – Baseline Requirements Certificate Policy for the Issuance and Management of Publicly-Trusted Certificates v1.7.4. (April 5, 2021);
- CA/Browser Forum – Guidelines for the Issuance and Management of Extended Validation Certificates v1.7.2 (March 27, 2020) – note: service discontinued July 9, 2020
- CA/Browser Forum - Network and Certificate System Security Requirements v1.7 (April 5, 2021);
- PKIoverheid - Programma van Eisen v4.8, part 3 Basiseisen, part 3 Aanvullende eisen and the requirements from parts 3a, 3b, 3e, 3f, 3g, 3h, 3j.

## Audit Period of Time:

1 June 2020 – 31 May 2021

## Audit performed:

May and June 2021

## Information and Contact:

BSI Group the Netherlands B.V., John M. Keynesplein 9, 1066 EP Amsterdam, NL

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