Cloud Certificate Manager

Product Bulletin

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HUAWEI

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Contents

1 [October 8, 2023] Validity Period Change of Test Certificates

Dear customers,

From November 15, 2023, DigiCert will shorten the validity period of single-domain basic DV certificates from 12 months to 3 months.

- For free test certificates (basic single-domain DV certificates issued by DigiCert) created and issued on Huawei Cloud before November 15, 2023, their validity period is still 12 months.
- For free test certificates (basic single-domain DV certificates issued by DigiCert) created and issued on Huawei Cloud on and after November 15, 2023, their validity period will be 3 months.
- This rule does not apply to test certificates in the test certificate package you purchased. Their validity period is 12 months.

If you have any questions during this period, please feel free to contact us.

Thank you for using Huawei Cloud.

2 [April 17, 2023] Changing GeoTrust DV to RapidSSL DV

Dear customers,

According to DigiCert's notice on clearly identifying sub-brand names when selling SSL certificates, CCM plans to use "RapidSSL DV" to replace "GeoTrust DV" in late April 2023. We will provide GeoTrust DV certificates soon.

Thank you for using Huawei Cloud.

3 [Feb 8, 2023] Notice on DigiCert Root Certificate Update

Dear customers,

According to the latest root certificate trust policy of Mozilla, the trusted root certificates of all CAs around the world must be updated at least once every 15 years, and Mozilla will no longer trust the trusted root certificates that fail to be updated within the specified time. To comply with this policy, DigiCert will update some of its root certificates from March 8, 2023. For details, see **Table 3-1**.

Table 3-1 DigiCert root certificate update details

Original Root Certificate	Affected Scope	Invalidated by Mozilla On	New Root Certificate
Baltimore CyberTrust Root	Cross-certificates for more compatibility	April 15, 2025 (The root certificate expires on May 15, 2025.)	DigiCert Global Root G2
DigiCert Global Root CA	DV and OV SSL certificates issued by DigiCert	April 15, 2026	DigiCert Global Root G2
DigiCert High Assurance EV Root CA	EV SSL certificates issued by DigiCert	April 15, 2026	DigiCert Global Root G2

DigiCert Root Certificate Update Plan

The details are as follows:

- All SSL certificates issued by DigiCert before March 8, 2023 can still be used.

- From March 8, 2023, DigiCert and GeoTrust will use root certificate DigiCert Global Root G2 and new intermediate certificates to issue DV SSL certificates. For details, see **Table 3-2**.

  Table 3-2 DV certificate chain change details

CA in CCM	Certificate Type	Original Intermediate Certificate	Original Root Certificate	New Intermediate Certificate	New Root Certificate
DigiCert	DV (Basic)	Encryption Everywhere DV TLS CA - G1	DigiCert Global Root CA	Encryption Everywhere DV TLS CA - G2	DigiCert Global Root G2
GeoTrust	DV	GeoTrust RSA CA 2018	DigiCert Global Root CA	GeoTrust TLS RSA CA G1	DigiCert Global Root G2
	DV (Basic)	RapidSSL Global TLS RSA4096 SHA256 2022 CA1	DigiCert Global Root CA	RapidSSL TLS RSA CA G1	DigiCert Global Root G2

- From July 1, 2023, DigiCert and GeoTrust will use root certificate DigiCert Global Root G2 and new intermediate certificates to issue OV and EV SSL certificates. For details about SSL certificate chain changes, see official notices of DigiCert.

DigiCert Root Certificate Update Impacts

- There is no need to worry about compatibility issues as the new root certificate hierarchy is still compatible with mainstream operating systems and mobile devices.
- The new root certificate DigiCert Global Root G2 uses SHA-256, which is more secure than SHA-1 the original root certificate uses.
- If you have embedded the original root certificate or intermediate certificates on the client, the certificates issued using root certificate DigiCert Global Root G2 will fail the client validation and then cause service interruptions. In this case, you need to remove the embedded certificate immediately and use the built-in trust store for validation. If you have no idea whether the original root certificate or intermediate certificate is embedded on the client, or you have other technical problems, click **Service Tickets** > **Create Service Ticket** in the upper right corner of the Huawei Cloud management console. We will provide professional technical suggestions.

If you have any questions during this period, please feel free to contact us.

Thank you for using Huawei Cloud.

4 [December 16, 2022] DigiCert and GeoTrust Suspend OV and EV Certificate Validation During Christmas Holidays

Dear customers,

DigiCert and GeoTrust will not validate OV and EV certificates at the following time periods during Christmas holidays:

- 12:00:00 to 23:59:59, December 20, 2022
- 00:00:00 to 23:59:59, December 26, 2022
- 00:00:00 to 23:59:59, January 2, 2023

If you have any questions during this period, please feel free to contact us.

Thank you for using Huawei Cloud.

5 [September 13, 2022] SSL Certificate Chains Embedded in Applications May Cause Communication Failures

Dear customers,

If you have purchased GeoTrust DV (basic) certificates, do not embed the certificate file (server certificate, intermediate certificate, or root certificate) in your application during the development. Embedding SSL certificates in an application has the following impacts:

- Server certificates: From September 1, 2020, only one-year SSL certificate can be issued by global CAs. The application will fail to communicate with the client when the server certificate embedded expires and is replaced by a new one.
- Intermediate certificates and root certificates: Intermediate certificates and root certificates may become invalid, expire, or have policies changed due to CA system updates. The application will fail to communicate with the client if the intermediate certificates and root certificates embedded are updated.

To avoid these impacts, remove the embedded certificates from your Android applications in a proper, timely manner and use the built-in trust store for verification.

To get technical support on how to check whether there is a certificate embedded in an Android application, submit a service ticket. To do so, in the upper right corner of the Huawei Cloud management console, choose **Service Tickets** > **Create Service Ticket**.

If you have any questions during this period, please feel free to contact us.

Thank you for using Huawei Cloud.

6 [July 25, 2022] Organization Unit (OU) Field Removed from SSL Certificates

Dear customers,

Huawei Cloud will no longer use the OU field in SSL certificates from July 25, 2022 in accordance with the requirements of CA/Browser Forum. The impacts are as follows:

- Starting from July 25, 2022, there is no need to configure the OU field in SSL certificates.
- Starting from August 29, 2022, all newly issued SSL certificates will no longer contain the OU field.
- There is no impact on your SSL certificates that were or will be issued before August 29, 2022 even if they still contain the OU field.

If you have any questions during this period, please feel free to contact us.

Thank you for using Huawei Cloud.

7 [March 23, 2022] SSL Certificate Manager Entry Will Be Changed on March 25, 2022

Dear customers,

To better manage your cloud certificates, Huawei Cloud will incorporate the entry of SSL Certificate Manager (SCM) into Cloud Certificate Manager on **March 25, 2022**.

New entry: **Security & Compliance** > **Cloud Certificate Manager** > **SSL Certificate Manager**. Old entry: **Security & Compliance** > **SSL Certificate Manager**. No other changes are made to SCM.

If you have any questions during this period, please feel free to contact us.

Thank you for using Huawei Cloud.

8 [Product Notices] Huawei Cloud SCM Domain Ownership Verification Policy (File-based Verification) Changed on Nov 12, 2021

Dear customers,

According to the requirements of CA/Browser Forum (CA/B), the policy to verify a domain ownership by file is changed in SCM.

- From November 12, 2021, the file-based domain ownership verification for wildcard domain names will change.
- From December 1, 2021, fie-based domain ownership verification is no longer available. DNS- or email-based domain ownership verification is recommended.

The details are as follows:

- From November 12, 2021, verifying domain ownership by file is no longer supported for wildcard domain names (such as *.example.com).
- From November 12, 2021, if the domain name has been verified by file for a non-wildcard-domain certificate, only the ownership of the current complete domain name is verified.
- From November 12, 2021, if the domain name has been verified by file but the wildcard-domain certificate has not been issued, the domain ownership needs to be re-verified.

Note that:

- There is not impact on your wildcard-domain certificates that have been issued before November 12, 2021.
- DNS or email verification should be used when you apply for wildcard domain certificate from November 12, 2021.
- To get your certificate issued successfully, we recommend DNS or email verification for non-wildcard domain certificates.

For more details, see **DigiCert Notices** and **GlobalSign Notices**.

If you have any questions during this period, please feel free to contact us.

Thank you for using Huawei Cloud.

9 [August 20, 2020] Notice on the Change of the Maximum Validity Period of SSL Certificates

Dear HUAWEI CLOUD users,

Apple and Google plan to adjust the validity period of trusted SSL certificates. Starting from September. 1, 2020, the maximum validity period of trusted SSL certificates in Apple and Google will be shortened to 397 days. The global CAs will no longer issue two-year SSL certificates from August 28, 2020. Therefore, HUAWEI CLOUD will no longer sell SSL certificates with a validity period of two years from August 21, 2020.

To reduce certificate risks and prevent service interruption caused by certificate expiration, please note that:

- From August 21, 2020, HUAWEI CLOUD will no longer sell a single SSL certificate with a validity period of two years, and the maximum validity period of SSL certificate you can buy is one year.
- If you have purchased a two-year SSL certificate before August 21, 2020, you need to apply for the certificate and cooperate with the corresponding CA to complete the certificate issuance before August 25, 2020. To apply for your certificate, **log in to the management console** and go to the SCM console. If your two-year SSL certificate is not issued within the specified period, it can be split into two one-year certificates. You can then apply for those two certificates.
- The two-year SSL certificate issued before September 1, 2020 can be used normally.

If you have any questions during this period, please feel free to contact us. The HUAWEI CLOUD SSL certificate team will continue to serve you.

Thank you for using HUAWEI CLOUD.

10 [August 14, 2020] Notice on Delaying Issuance of EV and EV Pro Certificates Due to the DigiCert System Failure

Dear customers,

We have received an emergency notification that the DigiCert system was faulty. As a result, the issuance of EV and EV Pro certificates (corresponding to DigiCert free DV and wildcard DV certificates) was delayed.

The system is under maintenance and will return to normal soon. We will keep tracking of your orders during this period to ensure that all orders are processed. To ensure that your certificate can be issued properly, you can log in to the cloud platform again later to query the issuance status of the certificate order.

If you have any questions during this period, please feel free to contact us. The HUAWEI CLOUD SSL certificate team will continue to serve you.

Thank you for using HUAWEI CLOUD.

11 [July 27, 2020] CAs Will No Longer Issue Two-Year SSL Certificates

Dear customers,

Due to changes in Apple and Google Root Store Policies, as of September 1, 2020, newly issued SSL/TLS Certificates with a validity period greater than 13 months (397 days) are prohibited by policy and will not be trusted. Therefore, starting from September 1, 2020, global CAs will no longer issue 2-year SSL certificates. To purchase a 2-year SSL certificate, ensure that it can be requested and issued before August 25, 2020.

GlobalSign has issued a notice that it will no longer issue trusted 2-year SSL/TLS certificates from August 31, 2020.

If you have any questions during this period, please feel free to contact us. The HUAWEI CLOUD SSL certificate team will continue to serve you.

Thank you for using HUAWEI CLOUD.

12 [July 27, 2020] Notice on Revocation of DV Certificates by CAs

Dear customers,

According to DigiCert's notice, DigiCert launched the key monitoring system at the end of April, 2020. The system will automatically detect code hosting platforms such as GitHub and SourceForge.

If the system obtains evidence that your private key corresponding to the public key in the certificate suffered a key compromise, DigiCert revokes your certificate. Therefore, to prevent certificate from being revoked or other information leakage events, keep the private key secure after you apply for a certificate and do not upload the private key to the official public network.

If you have any questions during this period, please feel free to contact us. The HUAWEI CLOUD SSL certificate team will continue to serve you.

Thank you for using HUAWEI CLOUD.

13 [July 19, 2020] DigiCert System Maintenance Notice

Dear customers,

According to DigiCert's notice, DigiCert plans to update their system from July 19, 2020 15:00:00 to July 19, 2020 17:00:00 GMT +08:00. Although DigiCert has redundant measures to keep services running continuously, some DigiCert services might be unavailable during this period.

You can purchase DigiCert (previous Symantec) and GeoTrust certificates as usual. Your orders will be processed upon the system upgrade is complete.

We will keep tracking of your orders during and after the system update to ensure that all orders are efficiently processed.

If you have any questions during this period, please feel free to contact us. The HUAWEI CLOUD SSL certificate team will continue to serve you.

Thank you for using HUAWEI CLOUD.

14 [May 31, 2020] GlobalSign System Maintenance Notice

Dear customers,

GlobalSign plans to update their system from May 31, 2020 19:00:00 to May 31, 2020 23:00:00 GMT +08:00. Although GlobalSign has redundant measures to keep services running continuously, some GlobalSign services might be unavailable during this period.

You can purchase OV and EV certificates under GlobalSign as usual. Your orders will be processed upon the system upgrade is complete. However, if you buy a DV certificate under GlobalSign during system maintenance, the system returns a message indicating that the service is unavailable for a GlobalSign DV order. The order can be submitted only after the system service becomes normal.

We will keep tracking of your orders during and after the system update to ensure that all orders are efficiently processed.

If you have any questions during this period, please feel free to contact us. The HUAWEI CLOUD SSL certificate team will continue to serve you.

Thank you for using HUAWEI CLOUD.

15 [May 3, 2020] DigiCert System Maintenance Notice

Dear customers,

According to DigiCert's notice, DigiCert plans to update their system from May 3, 2020 15:00:00 to May 3, 2020 17:00:00 GMT +08:00. Although DigiCert has redundant measures to keep services running continuously, some DigiCert services might be unavailable during this period.

You can purchase DigiCert (previous Symantec) and GeoTrust certificates as usual. Your orders will be processed upon the system upgrade is complete.

We will keep tracking of your orders during and after the system update to ensure that all orders are efficiently processed.

If you have any questions during this period, please feel free to contact us. The HUAWEI CLOUD SSL certificate team will continue to serve you.

Thank you for using HUAWEI CLOUD.

16 [April 26, 2020] Symantec Certificate Brand Change Notice

Dear customers,

On August 2, 2017, DigiCert announced the official acquisition of Symantec's security certification service. Therefore, DigiCert will cease marketing and branding activities related to Symantec from April 30, 2020. The Symantec certificates are rebranded as DigiCert. The HUAWEI CLOUD SSL certificate management team will change the brand logo of Symantec certificates sold by HUAWEI CLOUD to that of DigiCert before May 1, 2020. The following figure shows the brand logo change.

Additionally, DigiCert has updated the Norton Security Certification Signature to comply with the agreement with Norton LifeLock Inc, formerly known as Symantec. The old and new logos are as follows.

The changes of certificate brand logo do not affect the use of the Symantec-issued certificates that you have purchased on HUAWEI CLOUD.

CAUTION

If the information about Symantec brand has been used in your website or any documents, please replace it before May 1, 2020. Otherwise, you may be liable for legal liabilities.

If you have any questions during this period, please feel free to contact us. The HUAWEI CLOUD SSL certificate team will continue to serve you.

Thank you for using HUAWEI CLOUD.