

# FAQ - CIG Certificate Change – Jan 20, 2022

## **What is changing?**

The below certificates with SAP Ariba Cloud Integration Gateway (CIG) US Data center will be renewed.

- testacig-us.ariba.com
- acig-us.ariba.com
- aribacloudintegration-test-us.ariba.com
- aribacloudintegration-us.ariba.com

This FAQ is intended to provide additional configuration and change suggestions regarding that change.

## **When will the change occur?**

Jan 20, 2022, 4:00pm – 7:00pm PST/ January 21, 2022, 1:00 AM - 4:00 AM CET.

## **What is a web server certificate?**

A certificate is a small file that uses cryptography to bind a public key used to encrypt traffic to a website with the website's ownership and identity details. See <https://www.globalsign.com/en/ssl-information-center/what-is-an-ssl-certificate/> for more details and check for the signing and encryption certificates configuration for integration.

## **What is a Certificate Authority?**

A Certificate Authority is an organization that has been established to issue digital certificates. To be trusted by web browsers and other web clients, Certificate Authorities (CA) are independently audited to ensure that they meet security requirements to protect the trust of the Internet community. When a CA issues a certificate for a web server, it signs the certificate with a digital hashing algorithm. This digital signature is used to prevent an attacker from impersonating the website.

## **What is Certificate Pinning?**

Some integrations with Ariba may use "certificate pinning." This means that the system interface that connects to Ariba cloud systems only trusts a specific web server certificate and not just any valid web server certificate that is signed by a trusted certificate authority. Please be aware that you will need to import our new certificate if you use certificate pinning.

## **Can the new certificate be added right away?**

SAP Ariba will perform the certificate replacement only on the date and time specified in this communication. If your system supports multiple certificates in the key store for the configuration/connection with CIG, you can install it beforehand.

**If you are not sure but you have the testacig-us.ariba.com and acig-us.ariba.com certificate installed, do you have to change the certificate?**

Yes, if you already have the certificate installed than you will have to replace it with the new certificate to continue transacting the integration with CIG.

**Connections between Cloud Integration Gateway (CIG) and Suppliers**

**Which customers are impacted?**

- Suppliers who use CIG as their integration mechanism and transact using AS2/VAN/cXML/PiDX /EDIFACT formats
- Suppliers currently using certificates with Common Name (CN) **testacig-us.ariba.com** and **acig-us.ariba.com** for SSL in their test and production environments, respectively.
- If you have certificate-based authentication setup on CIG, we request to check with your IT team if you have **testacig-us.ariba.com**, **acig-us.ariba.com**, **aribacloudintegration-test-us.ariba.com** or **aribacloudintegration-us.ariba.com** certificates installed and might need to replace it.

**ERP customers**

**Which customers are impacted?**

- Buyers/Suppliers connecting from ERP/PI/CPI/middleware to **testacig-us.ariba.com** and **acig-us.ariba.com** host and transact with CIG need to import the SSL certificates on their Keystore.
- If you are using direct connectivity (ECC/S4HANA -> CIG), then you need to upload the certificate in you ERP STRUST
- If you are using SAP PI or any other middleware, upload the certificate into your PI Keystore and restart the ICM for the changes to be effective.
- Check with your SAP BASIS or middleware consultant for uploading these certificates.
- If you are using the signing and encryption **aribacloudintegration-test-us.ariba.com** or **aribacloudintegration-us.ariba.com** certificate, please replace them as well.

**Do I need to remove the old certificate?**

- It is recommended to remove the old certificates from your keystore after SAP Ariba has completed the change on Jan 20, 2022. The completion notification would be sent to customers via email.