

SAML IDP Certificate Update

NCID Team
Simeio Team

12 May 2025

Annual SAML IDP Certificate Update

The SAML Identity Provider's (IDP: Ping Federate) Digital signing certificates are valid for one year. Applications integrated with Simeio SAML solution must update the certificate every year before they expire in all three environments (Dev, Pre-prod and Prod) to avoid any interruptions as per NCDIT cryptography standard.

When will the SAML IDP Certificates expire?

Dev This activity was completed on Feb 11th, 2025.

Pre-prod certificate is going to expire on June 24th, 2025

Prod certificate is going to expire on Sept 23rd, 2025

Who is impacted?

- Any application integrated with Simeio SAML Solution in Pre-Prod environment.
- List of applications has been shared in the email communication.
- All application teams are responsible for updating their application with the replacement certificate to avoid interruptions to SSO functionality.

KEY DATES

#	Date	Sequence of Events	Who is responsible
1	May 13th, 2025	Send email communication to application owners	NCID Team
2	June13th, 2025 at 5:00 pm- Group1 June18th, 2025 at 5:00 pm- Group2 June20th, 2025 at 5:00 pm- Group3	Join the TEAM Meeting invite	Application Team, Simeio Team, NCID Team
3	June13th, 2025 at 5:00 pm- Group1 June18th, 2025 at 5:00 pm- Group2 June20th, 2025 at 5:00 pm- Group3	Activate the new Digital signing certificate for DEV (myncidpp.nc.gov) in the Simeio Configuration	Simeio Team
4	June13th, 2025 at 5:05 pm- Group1 June18th, 2025 at 5:05 pm- Group2 June20th, 2025 at 5:05 pm- Group3	Import the new certificate in your application configuration	Application Team
5	June13th, 2025 at 5:10 pm- Group1 June18th, 2025 at 5:10 pm- Group2 June20th, 2025 at 5:10 pm- Group3	Test application authentication functions	Application Team
6	June 24th, 2025	Old Certification expires	-----

Will there be a service disruption?

- Yes during the change window, We have divided applications into three groups – **Group 1 on June 13th**, **Group2 on June 18th** and **Group3 on June 20th** starting at 5 PM EST change window.
- Simeio team will renew the certificate for your application. After that your application may experience the service disruption until you import the new certificate in your configurations.
- Please inform your application users in advance about the anticipated interruption.

How to get new certificate?

- The new certificate is part of email communication as an attachment (myncidpp_nc_gov.txt) with .txt extension. Please download certificate and change the file extension to either .crt or .cer depending on what your application supports.

If Application can support primary and secondary certificate?

- Please install the certificate in advance and configure it as a secondary certificate.

If Application doesn't support primary and secondary certificate?

- Please Join the meeting invite for the respective group - **Group 1 on June 13th, Group2 on June 18th and Group3 on June 20th** starting at 5 PM EST.
- Once Simeio team activates the new certificate for your application, you need to import the new certificate in your application configuration.

What if your application requires IDP metadata instead of certificate?

- This email communication contains common IDP metadata as an attachment, which you can download and import in your application configuration.

What if your application does not work with common IDP metadata?

- Please join the meeting invite for the application implementation/testing window and let the Simeio team know that common metadata is not working. Simeio team will provide you with the metadata specific to your application.

What to do if you don't know how to import the certificate or configure the IDP metadata?

- Please engage the vendor team that supports your application.

What to do if the application authentication is not working after certificate update?

- Please join the meeting invite and we will work with you to troubleshoot your issue.

Questions?

