

# **SAML IDP Certificate Update**

NCID Team  
Simeio Team

5 February 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** environment's certificate is going to expire soon on **Feb 22<sup>nd</sup>, 2025**. We have planned to complete this activity on Feb 11<sup>th</sup>, 2025 at 1 PM. Requesting all application teams to support this activity in Dev to make it smooth for both Pre-prod and Prod.
- **Pre-prod** certificate is going to expire on **June 24<sup>th</sup>, 2025**
- **Prod** certificate is going to expire on **Sept 23<sup>rd</sup>, 2025**

## Who is impacted?

- Any application integrated with Simeio SAML Solution in Dev 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	Feb 3 <sup>rd</sup> , 2025	Send email communication to application owners	NCID Team
2	Feb 11 <sup>th</sup> , 2025 at 1:00 pm	Join the TEAM Meeting invite	Application Team, Simeio Team, NCID Team
3	Feb 11 <sup>th</sup> , 2025 at 1:01 pm	Activate the new Digital signing certificate for DEV ( <a href="http://mynciddev.nc.gov">mynciddev.nc.gov</a> ) in the Simeio Configuration	Simeio Team
4	Feb 11 <sup>th</sup> , 2025 at 1:05 pm	Import the new certificate in your application configuration	Application Team
5	Feb 11 <sup>th</sup> , 2025 at 1:10 pm	Test application authentication functions	Application Team
6	Feb 22 <sup>nd</sup> , 2025	Old Certification expires	---

## Will there be a service disruption?

- Yes. On Feb 11th, 2025 at 1 PM during the change window, the Simeio team will activate the certificate for your application. Your application may experience 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 the certificate?

- The new certificate is part of email communication as an attachment (mynciddev\_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 on Feb 11<sup>th</sup>, 2025 at 1 PM.
- 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 team that supports your application.

## **What to do if the application authentication does not work after certificate update?**

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

# Questions?

