



(NETW 1002) Systems and Network Security

Milestone 3

Deadline: Saturday, 10 May 2025

**OWN YOUR
IDENTITY.**

Milestone 3

In this milestone, you will integrate an application with RSA Cloud Authentication Service (CAS) as the Identity Provider (IdP) using SAML authentication. You'll configure the SAML settings, establish trust between the CAS and the application (SP), and ensure seamless Single Sign-On (SSO). By the end, you'll understand how SAML authentication works and be able to troubleshoot common integration issues.

Configuring IdP-Initiated Application

1- Access the RSA Demo Application:

- Navigate to [RSA Demo Application](#).
- Review the instructions for creating an IdP-initiated application.

2- Application Setup in the Cloud Console:

- Create a **2.0 access policy** for the application to add an additional authentication step when accessing it using **Authenticate OTP** method.
- Create a new SAML direct application on the Cloud console and select the created policy.
- Name the application using the following format: **IdP_GROUPID**.
- Ensure that the IdP signs the **entire** SAML response without encryption.
- Select the newly created policy to be applied into this application and retain the default settings.

3- Verification:

- Login to MyPage using **Approve** or **Device biometrics**, click on the application, and confirm that you are prompted for Authenticate OTP method.

Configuring SP-Initiated Application

1. Prerequisite:

- Ensure that all required screenshots from the IdP-initiated configuration have been captured.

2. Modify the Application:

- Edit the existing application to support **SP-initiated** authentication.
- Retain the same access policy used for the IdP-initiated application.

3. Application Setup for SP-Initiated Authentication:

- Access [RSA Demo Application](#) and review the SP-initiated configuration instructions.
- Complete the necessary configurations.

4. Testing & Verification:

- Open the URL that will appear **after importing the metadata** in a private browsing window or in a normal window but clear the saved cookies in the application URL before trying.
- Observe the redirection to the IdP for authentication.

*****Bonus step:** Make the application accessible from MyPage while it's SP-initiated.

Final Report Submission

- Please refer to the submission report template to capture the required screenshots, incorporate them into the template, and submit the completed report.

Reference links:

1. [Add a SAML application](#)