



(NETW 1002)

Systems and Network Security

Milestone 3 Submission Report

**OWN YOUR
IDENTITY.**

Milestone 3 Report Submission:

Milestone 3 Screenshots:

1. Configuring IdP-initiated application

*** **FIRST SCREENSHOT:** Capture the Authenticate OTP prompt after clicking on the application in MyPage.

la4.auth-demo.securid.com/sso/saml/3f9e6ec4-2375-4bcf-9bde-5e66b3acc36e

Enter Authenticate OTP

1. Open the RSA Authenticator.
2. Enter the eight-digit number that displays on the screen.

.....

Submit Cancel



RSA
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*** **SECOND SCREENSHOT:** Take a full-page screenshot, including the URL, showing the confirmation message at the SP after successful authentication.



Hello boules.ghaly

You successfully federated into this demo site!

Below you'll find additional information about the SAML assertion that brought you here.



Subject Information

Information about the Subject (the user) that got federated

Subject

NameID

boules.ghaly

Attribute	Value
Format	urn:oasis:names:tc:SAML:1.1:nameid-format:unspecified



Authentication Details

All information about how the identity authenticated at the identity provider

AuthNStatement

Attribute	Value
AuthNInstant	2025-05-06T10:59:06.051Z
SessionIndex	_ec442186ac84c436

AuthNContext

AuthNContextClassRef

urn:rsa:names:tc:SAML:2.0:ac:classes:spec::SAML Access Policy:low



Attribute Details

No attributes found in SAML assertion



Assertion Details

The "everything else of some interest" section

Attribute	Value
StatusCode	urn:oasis:names:tc:SAML:2.0:status:Success
Issuer (Entity ID)	https://la4.auth-demo.securid.com/sso/saml/3f9e6ec4-2375-4bcf-9bde-5e66b3acc36e
Assertion ID	_ec442186ac84c436
IssueInstance	2025-05-06T10:59:15.155Z
Hashing Algorithm	SHA256

Conditions

Attribute	Value
NotBefore	2025-05-06T10:58:15.155Z
NotOnOrAfter	2025-05-06T11:05:15.155Z

AudienceRestriction

IAMShowcase

SHOW SAML ASSERTION

Legal

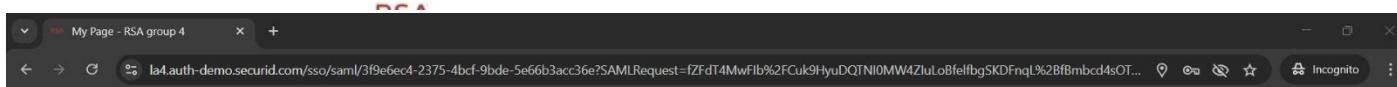
- TM Trademarks
- Privacy Policy

Links

- Report a Problem
- RSA Homepage
- RSA SecurID / ID Plus

2. Configuring SP-initiated application.

*** **THIRD SCREENSHOT:** Capture the **Password + Authenticate OTP** prompt upon accessing the URL.



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*****FOURTH SCREENSHOT:** Take a full-page screenshot, including the URL, showing the confirmation message after successful authentication.



Hello boules.ghaly

You successfully federated into this demo site!
Below you'll find additional information about the SAML assertion that brought you here.

Subject Information

Information about the Subject (the user) that got federated

Subject	
NameID	
boules.ghaly	
Attribute	Value
Format	urn:oasis:names:tc:SAML:1.1:nameid-format:unspecified

Authentication Details

All information about how the identity authenticated at the identity provider

AuthNStatement	
Attribute	Value
AuthNInstant	2025-05-06T10:49:58.583Z
SessionIndex	_97a6b3b22ac7d638
AuthNContext	
AuthNContextClassRef	
urn:rsa:names:tc:SAML:2.0:ac:classes:spec::SAML Access Policy:low	

Attribute Details

No attributes found in SAML assertion

Assertion Details

The "everything else of some interest" section

Attribute	Value
StatusCode	urn:oasis:names:tc:SAML:2.0:status:Success
Issuer (Entity ID)	https://ia4.auth-demo.securid.com/sso/saml/3f9e6ec4-2375-4bcf-9bde-5e66b3acc36e
Assertion ID	_97a6b3b22ac7d638
IssueInstance	2025-05-06T10:50:00.633Z
Hashing Algorithm	SHA256

Conditions

Attribute	Value
NotBefore	2025-05-06T10:49:00.633Z
NotOnOrAfter	2025-05-06T10:56:00.633Z

AudienceRestriction

IAMShowcase

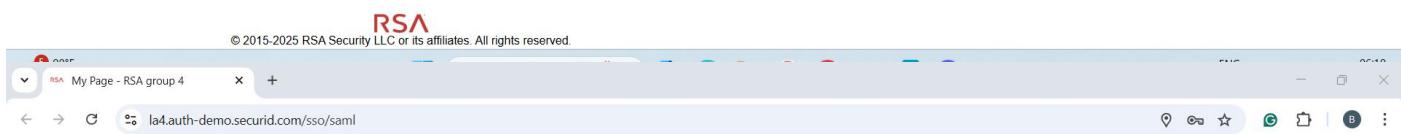
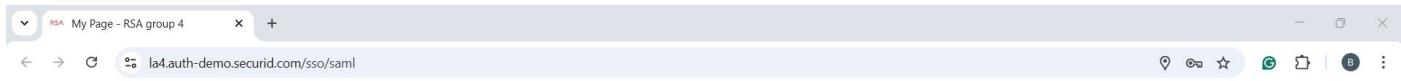
[SHOW SAML ASSERTION](#)

 Legal  Links

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



3. Comparison.

- provide a comparison of the authentication flows between SP-initiated and IdP-initiated mechanisms.

Feature	SP-Initiated Authentication	IdP-Initiated Authentication
Initiating Party	Service Provider (SP)	Identity Provider (IdP)
Authn. Flow	<p>1. User accesses SP through the link provided, this initiates SAML AuthnRequest to the IdP.</p> <p>2. SP send AuthnRequest to the IdP and redirects user to the IdP</p> <p>3. IdP authenticates user using username and password.</p> <p>4. User is then prompted to enter an OTP from the authenticator app.</p> <p>5. If both credentials and MFA succeed, the IdP generates a SAML Response and sends it to the SP.</p> <p>6. SP verifies the SAML Response and grants access</p>	<p>1. User accesses IdP portal (mypage)</p> <p>2. IdP (mypage) authenticates user using primary auth (user + password) then a step up authentication (push notification and approve on mobile phone)</p> <p>3. user clicks on the application</p> <p>3. IdP sends SAML response to SP</p> <p>4. SP requires another MFA (Authentication OTP from the app on the phone)</p> <p>5. SP grants access</p>
User Experience	Starts from the RSA Demo app (typing the url of the app in the portal taken from the IdP metadata)	Starts from my page
SAML Request	Sent by SP to IdP	Not required (unsolicited SAML response from IdP)
SAML Response	Returned from IdP to SP after authentication	Directly generated by IdP after login
Use Case Suitability	Best when users directly access apps	Best for SSO portals like mypage

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