

Troubleshooting: Download SAML 2.0 SP Metadata

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Scenario

After you have enabled your NetWeaver ABAP system to be an SAML 2.0 Service Provider you want to download its metadata and get an error message: 403 Forbidden.

Tx: SAML2

Call the SAML 2.0 configuration Web Dynpro app via transaction SAML2 and click on Metadata.

Select what to include in the metadata file (all is fine).

The download of the metadata file is triggered, and an error message is displayed

```
Service cannot be reached: 403 Forbidden
```

Cause

The download cannot start as some ICF services are not activated.

Solution

Activate the necessary Internet Communication Framework (ICF) services. To be to download the metadata from the service provider, you must manually activate the following two ICF services:

- /default_host/sap/public/bc/sec/saml2
- /default_host/sap/public/bc/sec/cdc_ext_service

Activate service /sap/public/bc/sec/saml2

```
Tx: SICF Service: /sap/public/bc/sec/saml2
```

It's full of stars!

Where documentation meets reality

Select the service and activate it.

Activate service /sap/public/bc/sec/cdc_ext_service

Tx: SICF Service: /sap/public/bc/sec/cdc_ext_service

Select the service and activate it.

Result

Now the download of the SAML 2.0 SP Metadata will work.

Links

- <https://apps.support.sap.com/sap/support/knowledge/preview/en/2443156>
- <https://wiki.scn.sap.com/wiki/display/Security/Common+Problems+When+Configuring+SAML+2.0+for+AS+ABAP>

Additional notes

I include a sample SAML 2.0 IdP Metadata file from NetWeaver ABAP.

```
riuwEzJ1TDuoz0ksjffjeEgWq7W4=FmH1iXsWkimeQOmBkAYWfmTY8rcyHkNJxxl5ghA9U27DRM7unT
VavGZ2o9HRwG2CAHdKM/q5IjUZ/nw/47p0sDKgJlY8cwcraEE71EY/z2opZoJB7g==MIIDWzCCAkMC
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gNVBAYTAkRFMRwwGgYDVQQK2atJSYxSwlU=MIIDWzCCAkMCCAogGREFFSUBMA0GCSqGSIb3DQEBCwU
AMHAXCzAJBgNVBAYTAkRFMRwwGgYDVQQKy22haUvv/k=http://vhcalnplci:8000/https://vhc
alnplci:44300/http://vhcalnplci:8000/https://vhcalnplci:44300/MIIDWzCCAkMCCAog
GREFFSUBMA0GCSqGSIb3DQEBCwUAMHAXCzAJBgNVBAYTAkRFMRwwGgYDVQQK2atJSYxSwlU=
```