

Troubleshooting - Access token not issued due to missing signing of Message Assertion

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Scenario

You send a SAML Bearer Assertion to the OAuth token service of SAP Gateway. The Return type is 400 Bad Request.

Error message

```
{  "error": "invalid_grant",  "error_description": "Provided authorization grant is invalid. Exception was Message Assertion is not signed. For more information, consult the kernel traces or the OAuth 2.0 trouble shooting SAP note 1688545" }
```

Root cause

The error message contains a description of the root cause for the HTTP 400: “Exception was Message Assertion is not signed.” To get more details, an OAuth trace can be performed. Additional information is described in [SAP Note 1688545](#).

Tx: SA38 Program: SEC_TRACE_ANALYZER

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Click run with variant and select SAP&OAUTH2

Click on Activate and reproduce the issue. To see the result, click on Show.

Alternative to run the report:

Tx: SE38 Program: SEC_TRACE_ANALYZER ICF Service: /sap/bc/sec/oauth2/token Log on Trace (got HTTP 401): Select User: OIDCLIENT (the OAuth user of type system

)

Solution

Activate signing of assertions in Keycloak. Open Keycloak administration console and go to the SAML client. Activate signing of Assertions.