

## Lasso - Support #29663

### Lasso Error 440 while receiving SAML response from AzureAD

11 Jan 2019 01:59 PM - Marko Rautenberg

<b>Status:</b>	Rejeté	<b>Start date:</b>	11 Jan 2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	SAMLv2	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Planning:</b>	No
<b>Patch proposed:</b>	No		

**Description**

Hi Entrouvert Team,

I hope you can help.

I have a Problem while configuring SAML SSO for Apache with Azure AD as IdP.  
For Apache mod\_auth\_mellon is used, which uses lasso as SSO library (lasso version 2.5.1).  
The problem is as follows:

The redirect to the IdP works fine. After successful authentication the IdP sends the response to the SP (auth\_mellon).  
"auth\_mellon" reported then:

Error processing authn response. Lasso error: [440] The profile cannot verify a signature on the message, SAML Response: StatusCode1="urn:oasis:names:tc:SAML:2.0:status:Success"

So that deals with LASSO\_PROFILE\_ERROR\_CANNOT\_VERIFY\_SIGNATURE error.  
The error occurs in the mod\_auth\_mellon function "auth\_mellon\_handler.c" at lasso function: "lasso\_login\_process\_authn\_response\_msg(login, saml\_response)".

It does not matter if we use RSA-SHA1 or RSA-SHA256 as signing algorithm on IdP side.

I checked the SAML Response with the public (signing) key from Azure AD in an online SAML checker tool (<https://8gwifi.org/samlverifysign.jsp>)  
The Signature is valid. (for SHA1 and SHA256)

Any ideas why lasso thinks the signature is invalid?

regards  
Marko

#### History

##### #1 - 11 Jan 2019 03:20 PM - Marko Rautenberg

additional information

the signature is valid for the assertion verification not for the response or both.

kindest regards

Marko

##### #2 - 11 Jan 2019 04:09 PM - Benjamin Dauvergne

Could you try to update to lasso 2.6.0 to see if it fixes your problem first ?

**#3 - 14 Jan 2019 08:52 AM - Marko Rautenberg**

Hi together,

I updated the lasso version to 2.6.0, but unfortunately that did not helped very much.  
The error-message is still the same.

KR  
Marko

**#4 - 07 Jun 2019 08:17 AM - Benjamin Dauvergne**

Without a test case to reproduce the problem I'll have to close this issue as non reproducible.

**#5 - 04 Jul 2019 12:27 AM - Benjamin Dauvergne**

- *Status changed from Nouveau to Rejeté*

Non reproducible.