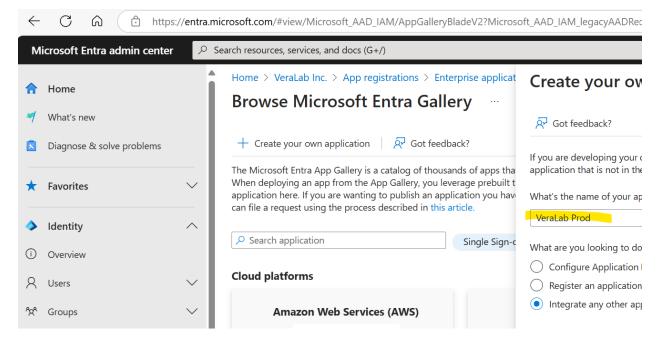
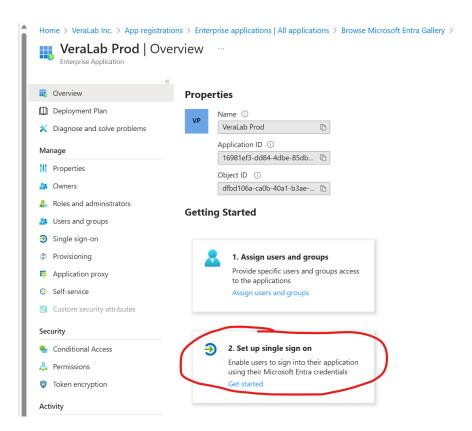
VERALAB SSO Integration with Microsoft Azure SAML

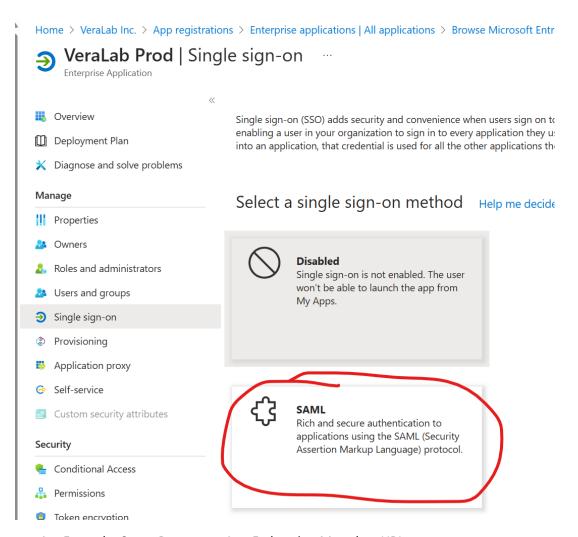
Login to your Microsoft Entra Admin Center page and go to Identity -> Enterprise Applications ->
Create your own application. Give it a name, e.g. VeraLab Test or VeraLab Prod depending on
your environment. Keep default "Integrate any other application..." option and click "Create"
button in the bottom.



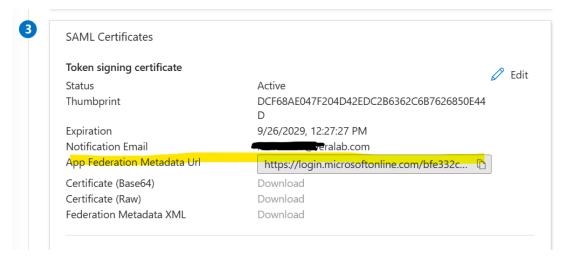
2. On the Overview page click on "Get started" under Set up single sign on block.



3. Click on SAML block.

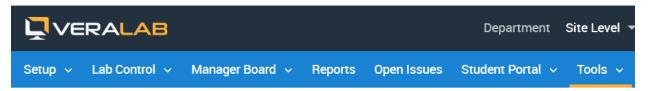


4. From the Setup Page, copy App Federation Metadata URL:



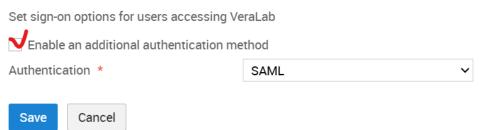
5. Login to VeraLab Web Application as a user with Administrator role. If you have Enterprise Edition license, change **Department** to *Site Level*.

6. Go to **Tools -> Settings -> Single Sign-on Settings**. Select *Enable an additional authentication method* checkbox and click **Save**.

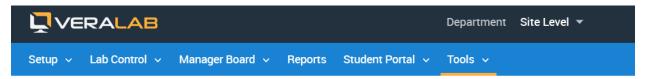


Single Sign-on Settings

Please note: Enabling Single Sign-On (SSO) will deactivate the ability to log into the web application via LDAP. All current LDAP accounts will be automatically converted to SSO accounts and will only be usable through the Single Sign-On mechanism. Conversely, disabling Single Sign-On will convert all SSO accounts back to LDAP accounts.



7. On the SAML Authentication Settings verify that Hostname and port are equal to your VeraLab application FQDN, e.g. if you registered VeraLab on your campus DNS server, it may look like veralab.myuniversity.edu and 443 for hostname and port number accordingly.



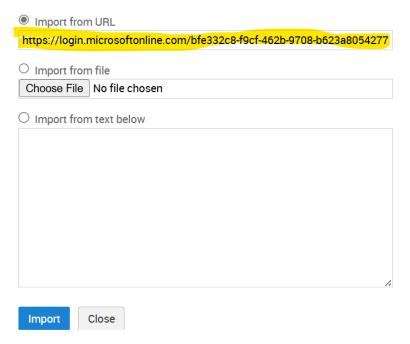
SAML Authentication Settings

To ensure the correct functioning of Single Sign-On, it is necessary to enable HTTPS support. Additionally, you must specify the hostname and HTTPS port on which VeraLab is operating. Responses from the authentication server will be redirected to this address.

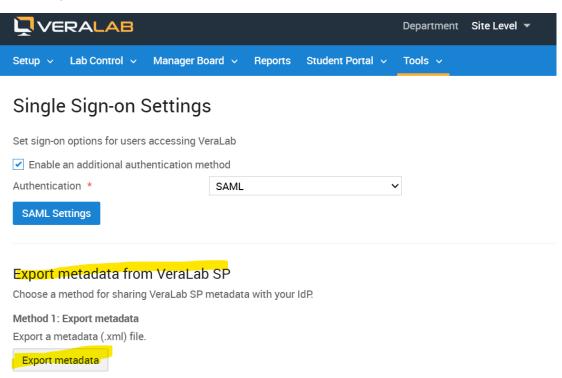


8. Click on **Import Settings from IdP Metadata** and paste "App Federation Metadata URL" from IDP. Click **Import** button.

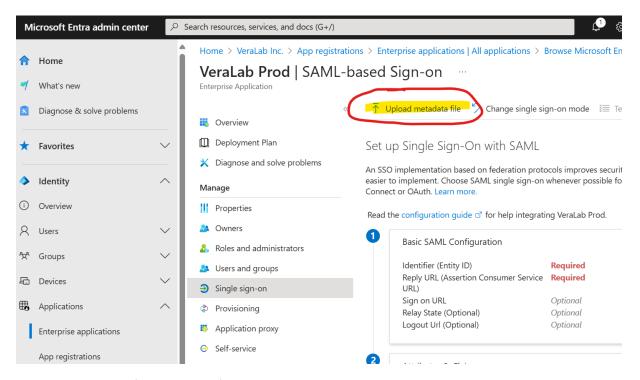
Import Settings from IdP Metadata



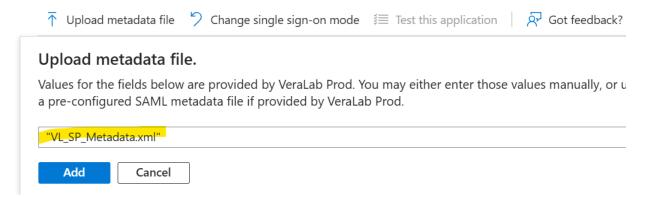
- 9. Click Save leaving other settings default.
- 10. Export VeraLab Metadata and save it as XML file.



11. Go back to IDP Entra admin center and click on Upload metadata file.



12. Select XML file you saved from VeraLab and click Add button.



13. Click Save to complete metadata upload.

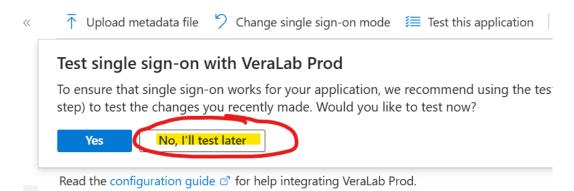
Basic SAML Configuration



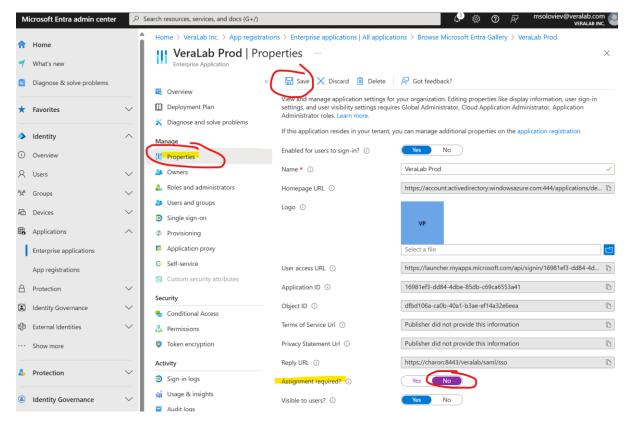
Identifier (Entity ID) * ①

The unique ID that identifies your application to Microsoft Entra ID. This value must be unique Microsoft Entra tenant. The default identifier will be the audience of the SAML response for a superior of the SAML response for a superior of the SAML response for a superior of the same tenant.

14. Click **No, I'll test later** button on the next screen.



15. Go to Properties screen, update "Assignment required" attribute to "No" and click Save.

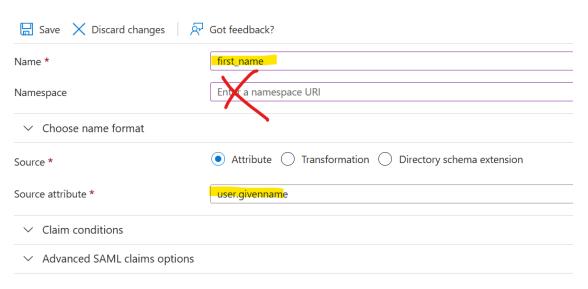


16. Go to Single Sign On screen and edit Attributes & Claims. Delete or edit existing Additional claims using below three mappings email=user.mail, first_name=user.givenname, last_name=user.surname. Namespace attribute can be set to blank.

Additional claims

Claim name	Туре	Value	
email	SAML	user.mail	•••
first_name	SAML	user.givenname	•••
last_name	SAML	user.surname	•••

Manage claim



17. Test SSO Integration using "Test this application" link.

··· > SAML-based Sign-on > Attributes & Claims > Diagnose and solve problems > Enterprise applications | All applications >

VeraLab Prod | SAML-based Sign-on

Enterprise Application

