Integrating Rosetta Stone® for Enterprise via SAML 2.0

Use this document to help configure your learning management system (LMS) or internal business applications portal to enable a Single Sign-On (SSO) with Rosetta Stone using the SAML 2.0 specification. The SSO simplifies the integration of Rosetta Stone for Enterprise with your LMS, both for web apps and mobile apps.

Because the process varies by LMS and from client to client, this document is intended for Identity and Access Management (IAM) personnel and LMS administrators and is simply an overview of the process. For additional instructions about SAML 2.0 and your LMS, contact your IAM team.

- Before you start, contact the IAM team in your IT department to inform them of your desire to implement a SAML 2.0-based SSO. IT departments, not LMS providers, make the Identity Provider (IdP) decision.

- After consultation with your IAM team to determine who the IdP will be, please send Rosetta Stone your IdP metadata XML file or download URL.

- Rosetta Stone SP metadata is served from https://tully.rosettastone.com/saml/metadata. Please monitor this URL if your IdP is configured to sign responses or otherwise verify the Rosetta Stone cert on a recurring basis. You can also download the XML file to import into your IdP.

- Course configuration in the LMS: Most clients create 1 language-agnostic course in the LMS with an SP initiated SSO URL that Rosetta Stone provides. Learners will be prompted to select language of study after landing in Rosetta Stone for the first time.

- Rosetta Stone supports both IdP initiated authentication and SP initiated authentication. Note that mobile app authentication is inherently SP initiated and most Rosetta Stone clients follow that approach.

    1. For SP initiated, Rosetta Stone provides the SSO URL(s), which are then entered in the configuration for a weblink or browser course in LMS or for an internal business application. Only 1 SSO URL is necessary if the configuration is language-agnostic. Here are examples:

        https://login.rosettastone.com/#/ssologin?clientId=8fg1f042-0ab6-4ea4-bf78-97683ef7a5df&targetLanguage=&salesPackageId=salesPackage.e5c9390a-b6f4-fc53-ea9d-76b267711674

        https://login.rosettastone.com/#/ssologin?clientId=8fg1f042-0ab6-4ea4-bf78-97683ef7a5df&targetLanguage=en-US&salesPackageId=salesPackage.e5c9390a-b6f4-fc53-ea9d-76b267711674

    2. IdP initiated requires 2 or 3 Rosetta Stone-specific data elements in the RelayState, based on whether it is a language-agnostic configuration. Here are examples:

8fg1f042-0ab6-4ea4-bf78-97683ef7a5df,,salesPackage.e5c9390a-b6f4-fc53-ea9d-76b267711674

8fg1f042-0ab6-4ea4-bf78-97683ef7a5df,en-US,salesPackage.e5c9390a-b6f4-fc53-ea9d-76b267711674

In IdP initiated authentication, the client IdP administrator will produce the SSO URL(s) for the LMS.

If you create 1 language-agnostic course, then the SSO URL or RelayState will not include any value for targetLanguage.

- The SSO enables automatic:
    1. Creation of learner and administrator user accounts in the Rosetta Stone Administrator Tools for new users,
    2. Assignment of licenses to users,
    3. Assignment of learners to groups (groups must be created in the Rosetta Stone Administrator Tools and correspond to groups in your directory service),
    4. Seamless and authenticated access for your learners and administrators from your LMS to the Rosetta Stone portal.
    5. Authenticated access for your learners directly into Rosetta Stone mobile apps.

- We need to jointly review which attributes should be included in assertions beyond just a unique identifier, given name, surname and email address. There are 3 user fields in the Rosetta Stone Administrator Tools that can be used for additional attributes. Possible values for the groups attribute must be created in the Rosetta Stone Administrator Tools and the values must correspond to groups in your directory service.

- If you want a CSV or TXT report, such as course completion status, transmitted by Rosetta Stone back to the LMS on a scheduled basis via SFTP, Rosetta Stone can execute that. The default frequency is daily, but you can choose a different interval if desired. An example of the CSV or TXT report can be provided. Course completion is based on completing units in Foundations and courses in Fluency Builder and a single language of a study could have multiple course completions. Please note that automated reports via SFTP is a separate integration project.

- If you have pre-existing Rosetta Stone users, we will need a list of those users with their unique identifiers from the IdP prior to going live with the SSO in order to update their user accounts on the Rosetta Stone end. Once that is done, when users access Rosetta Stone via the SAML-based SSO, they are recognized as returning users rather than as new users. We can provide the list of pre-existing users without the IdP unique identifiers to your and/or LMS provider to use as the basis for the list that is returned to Rosetta Stone.

Additional information on the SAML 2.0 specification can be found here.

Need more help?

- For instructions on how SAML 2.0 is supported with your LMS, check with the IAM team in your IT department first. They can usually advise your LMS administrator.
- For other questions, contact Rosetta Stone Product Support at https://support.rosettastone.com.

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