



# SAML SSO setup overview

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While specific individual steps vary based on your flavor of SAML Single Sign-On (SSO), at a high level, the overall process includes these steps:

- Add the KnowledgeOwl SP info to your SAML SSO provider. (SP entity ID, SP Login URL, and SP Logout URL, **Settings > SSO.**)
- Add your IdP info to KnowledgeOwl (IdP entity ID, IdP Login URL, and IdP Logout URL, **Settings > SSO.**)
- Upload the IdP certificate from your SAML SSO provider to KnowledgeOwl, **Settings > SSO.**
- Check the Enable SAML SSO box in KnowledgeOwl in **Settings > SSO.**
- Add the KnowledgeOwl x509 certificate (in View KnowledgeOwl SP Metadata in **Settings > SSO**) to your IdP.
- Map SAML Attributes to fields in KnowledgeOwl to properly create reader accounts (SSO ID is required-- you'll see an error if you skip this step. See [Missing SSO ID mapping warning](#) for more details)
  - For existing attributes that directly map to KnowledgeOwl fields, use [Direct Reader Attribute Mappings](#).
  - To transform attribute values coming from your SSO provider (such as setting all readers to automatically be a member of one group in KnowledgeOwl), use [Custom Attribute Map Rules](#).
- To help with troubleshooting or to see the attribute values being passed, you can check the **Enable debug mode** option in **Settings > SSO**. Then try logging in with an account through your SAML SSO provider-- instead of logging in to the knowledge base, it will display the information that's being passed over from SSO to KnowledgeOwl, so you can ensure a) Info is being passed over, and b) That you have chosen the correct attributes for your mappings.
- *Optional:* If you're using SAML SSO as your only or primary reader authentication mechanism, set the **Default Login Page** in **Settings > Security** to SAML Login URL.
- *Optional:* To make it so that SAML SSO is the **only** access method for your knowledge base, check the **Restrict Access to SSO** box in **Settings > SSO**.

For more detailed, step-by-step instructions, see:

- [Configure SAML SSO \(generic instructions\)](#)
- [Configure SSO using Active Directory Federation Services \(ADFS\)](#)
- [Configure SSO using Azure Active Directory \(Azure AD\)](#)
- [Configure SSO using G Suite \(formerly Google Apps\)](#)
- [Configure SSO using Salesforce](#) (this uses very different steps)