User synchronization and authentication

Users are registered in the BiZZdesign Team Server to be able to work together on model packages and projects. The Team Server supports user synchronization and authentication with an external identity provider to enable signing in to the Team Server, and adding storage places in Enterprise Studio. User synchronization and authentication is available for the following identity providers:

**Active Directory (only on-premise)**

Users that must be registered in the Team Server can be imported from Windows Server Active Directory using LDAP into the Team Server. Keeping user data in the Team Server up-to-date can be done by periodically synchronizing the users in the Team Server with Active Directory. Optionally, single sign-on can be enabled for users to sign in with their Windows account.

[Configuring user synchronization and authentication with Active Directory](#)

**Azure Active Directory**

After registration with Azure AD users and groups defined in Azure AD are automatically pushed from Azure AD into the Team Server via user provisioning, and synchronized. Single sign-on can be enabled for users to sign in with their organizational account.

On-premise solution: [Configuring user synchronization and authentication with Azure Active Directory](#)

Hosted solution: [Configuring Azure AD for hosted Team Server and HoriZZon](#)

**Identity providers using the SAML 2.0 protocol**

To be able to use SAML 2.0 a new application needs to be registered with the identity provider. After the new application has been created the Team Server can be configured. Users are provisioned just-in-time; they are added as user to the Team Server the moment they first sign in. Group membership is also registered just-in-time; users are added to and removed from groups when they sign in to the Team Server.

On-premise solution: [Configuring user synchronization and authentication with a SAML 2.0 based identity provider](#)

Hosted solution: [Configuring SAML 2.0 for hosted Team Server and HoriZZon](#)

**Related articles**

- User synchronization and authentication
- [Configuring user synchronization and authentication with Azure Active Directory](#)
- [Configuring user synchronization and authentication with a SAML 2.0 based identity provider](#)
- Disabling user synchronization and authentication
- Configuring Azure AD for hosted Team Server and HoriZZon
- [Configuring user synchronization and authentication with Active Directory](#)