Azure AD Plugin

Plugin Information
View Azure AD [on the plugin site](#) for more information.

ⓘ Older versions of this plugin may not be safe to use. Please review the following warnings before using an older version:

- [Credentials stored in plain text](#)

A Jenkins Plugin that supports authentication & authorization via Azure Active Directory.

Setup In Azure Active Directory

1. Open Azure Active Directory, in `Properties`, copy Directory ID, it will be used as `tenant` in Jenkins.
2. Register an application in AAD, copy the `Application ID`, it will be used as `Client ID`.
3. In Application setting page, add a Reply URL *http://{your_jenkins_host}/securityRealm/finishLogin.* Make the variable *jenkinsURL* set as *http://{your_jenkins_host}* for the file *jenkins.model.JenkinsLocationConfiguration.xml* in the $*JENKINS_HOME* folder.
4. In Application setting page, click `Keys`, generate a new key, copy the `value`, it will be used as `Client Secret` in Jenkins.
5. In Application setting page, click `Required Permissions` and select `Windows Azure Active Directory`, then select `Read directory data` permissions in Application permissions section.
6. Click `Grant Permissions`. If you are not an admin in your tenant, please contact admin to grant the permissions which declared as `require admin` in `Enable Access` page. Wait for the permissions taking effects.

Setup In Jenkins

Click `Manage Jenkins` in the left menu, then click `Configure Global Security,` check `Enable security`

Enable Azure Authentication

To enable Azure Authentication, check `Azure Active Directory` and fill in the credential.

Click `Verify Application` to make sure your input is valid.

Enable Azure Authorization

To enable Azure Authentication, check `Azure Active Directory Matrix-based security`

FAQ

Q: How to recovery if Jenkins keeps failing during the login phase?

A: You can disable the security from the config file (see https://wiki.jenkins.io/display/JENKINS/Disable+security)

Q: Why getting a error "insufficient privileges to complete the operation" even having granted the permission?

A: It takes rather long time for the privileges to take effect, which could be 10-20 minutes. So just wait for a while and try again.

Change Log

0.3.4 (2019-04-30)

- [Fix security issue](#)

0.3.3 (2019-04-11)

- Support named groups and users

0.3.2 (2019-01-18)

- Fix seed authentication issue

0.3.1 (2018-09-19)

- Upgrade Azure commons to 0.2.7
- Use UPN as Jenkins user id

0.3.0 (2018-02-09)

Jenkins under version 2.60 is not supported any more!

- Upgrade the dependency of matrix-auth to 2.2

0.2.0 (2018-01-18)

- Support project-based authorization
- Improve security

0.1.1 (2017-12-07)

- Fixed the CSRF protection issue.

0.1.0 (2017-12-01)

- Initial release