# **Configure Azure Key Vault**

You can configure an Azure Key Vault to use with Tessera.

The private/public key pairs used by Tessera can bestored in and retrieved from the key vault, without the need to store the keys locally.

The Microsoft Azure documentation provides the information you need to get started.

#### Create the vault

You can create the Key Vault using either the Azure Portal or the Azure CLI.

## Configure the vault to work with Tessera

Azure uses an Active Directory system to grant access to services. It creates an application that you must authorize to use the vault. It provides the credentials to authenticate your Tessera instance to use the key vault.

- 1. Log in to the Azure Portal.
- 2. SelectAzure Active Directory
- 3. from the sidebar.
- 4. SelectApp registrations
- 5. , selectNew application registration
- 6., and complete the registration process. Make note of the Application ID
- 7. .
- 8. Once registered, selectSettings
- 9., selectKeys
- 10. , and create a new key with a name and expiration rule. Once you save the key, make note of the key value this is the only opportunity to see this value!

To authorize the newly registered app to use the Key Vault:

- 1. SelectAll services
- 2. from the sidebar and selectKey vaults
- 3
- 4. Select the vault.
- 5. SelectAccess policies
- 6. andAdd new
- 7.
- 8. Search for and select the newly registered application as the Principal
- 9.
- 10. Enable theGet
- 11. andSet
- 12. secret permissions.

## **Enable Tessera to use the vault**

#### **Environment variables**

Tessera requires three environment variables to be set when using an Azure Key Vault:

- AZURE\_CLIENT\_ID
- 2.
- theApplication ID
- 3. AZURE\_CLIENT\_SECRET
- 4.
- the application registrationkey
- 5. AZURE\_TENANT\_ID
- 6.
- the Azure Active DirectoryTenant ID

Each of these values can be retrieved during the application registration process.

### **Dependencies**

Unpackazure-key-vault-.zip|tar andcp azure-key-vault-/lib/\* tessera-dist/lib/ . <u>Edit this page</u> Last updatedonOct 9, 2023 bydependabot[bot] Previous Configure AWS Secrets ManagerNext Configure HashiCorp Vault