

Eiendomsverdi Federation Connection User Guide

Version: 1.2

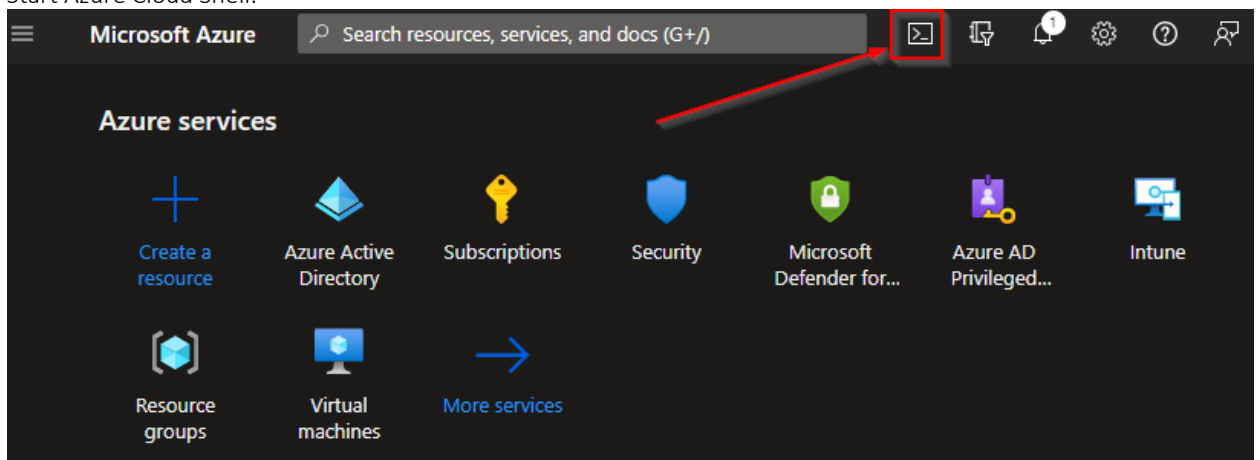
Requirements

- The user must be able to create and administer App Registrations in Azure Active Directory.
- The user must be able to grant admin consent

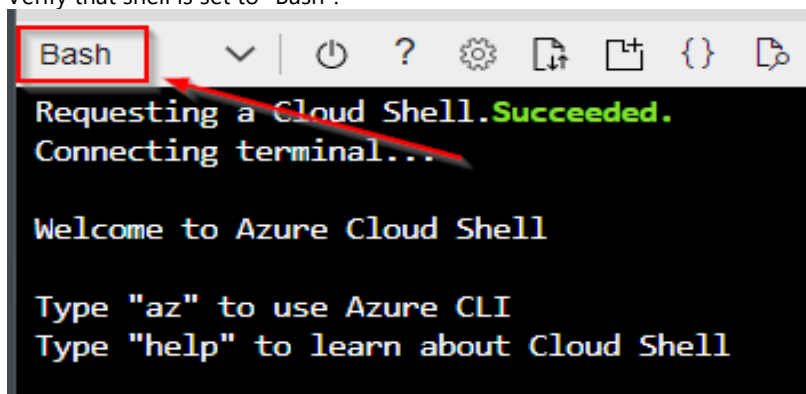
NOTE: Eiendomsverdi requires all federated users to be authenticated using multifactor authentication. See separate [guide](#).

Step by step guide

- 1) Navigate to the Azure Portal: <https://portal.azure.com>
- 2) Start Azure Cloud Shell:



- 3) Verify that shell is set to "Bash":



- 4) Run the following commands:

```

### SET APPLICATION DISPLAY NAME
displayName=login.eiendomsverdi.no

### SET AZURE AD TENANT INFORMATION
tenantId=$(az account show --query tenantId --out tsv)
tenantDomain=$(az ad signed-in-user show --query 'userPrincipalName' | cut -d
'@' -f 2 | sed 's/\\"//')

### CREATE NEW APP REGISTRATION
clientId=$(az ad app create \
  --display-name $displayName \
  --web-redirect-uris https://login.eiendomsverdi.no/login/callback \
  --sign-in-audience AzureADMyOrg \
  --query appId \
  -o tsv)

### CREATE CLIENT SECRET
clientSecret=$(az ad app credential reset \
  --id $clientId \
  --append \
  --display-name $displayName \
  --years 20 \
  --query password \
  -o tsv)

clientSecretExpiry=$(az ad app show \
  --id $clientId \
  --query passwordCredentials[0].endDateTime)

### CREATE SERVICE PRINCIPAL
spId=$(az ad sp create \
  --id $clientId \
  --query id \
  -o tsv)

### ADD USER.READ PERMISSION
az ad app permission add \
  --id $clientId \
  --api 00000003-0000-0000-c000-000000000000 \
  --api-permissions e1fe6dd8-ba31-4d61-89e7-88639da4683d=Scope

### GRANT CONSENT FOR ADDED PERMISSION
az ad app permission grant \
  --id $spId\
  --api 00000003-0000-0000-c000-000000000000\
  --scope "User.Read"

```

```
### SHOW SUMMARY AS JSON. SEND THIS INFORMATION TO EIENDOMSVERDI
jq -n \
  --arg tenantId "$tenantId" \
  --arg tenantDomain "$tenantDomain" \
  --arg clientId "$clientId" \
  --arg clientSecret "$clientSecret" \
  --arg clientSecretExpiry "$clientSecretExpiry" \
  '{tenantId: $tenantId, tenantDomain: $tenantDomain, clientId: $clientId,
clientSecret:$clientSecret, clientSecretExpiry:$clientSecretExpiry}'
```

- 5) Safely pass the following information to Eiendomsverdi (ie. using encrypted email):

```
{
  "tenantId": "e[REDACTED]",
  "tenantDomain": "[REDACTED].no",
  "clientId": "1d[REDACTED]",
  "clientSecret": "T1[REDACTED]",
  "clientSecretExpiry": "[REDACTED]"
}
```

- 6) If your users come from multiple domains, make sure to also pass this information to Eiendomsverdi.
- 7) Set up Multifactor Authentication and User Access as explained in separate [guide](#)
- 8) After setup is completed and verified, your users should be able to log in using the following URL:
<https://portal.eiendomsverdi.no>