

Task: Repeat the tasks using the Azure CLI using the new Azure AD Tenant created from the Azure Portal.

Pre-requisites: Azure CLI logged in with the credentials of the new Azure AD Tenant.

Command: `az login --allow-no-subscriptions`

Expected Output:

```
PS C:\Users\USER\Downloads> az login --allow-no-subscriptions
A web browser has been opened at https://login.microsoftonline.com/organizations/oauth2/v2.0/authorize. Please continue
the login in the web browser. If no web browser is available or if the web browser fails to open, use device code flow w
ith 'az login --use-device-code'.
The following tenants don't contain accessible subscriptions. Use 'az login --allow-no-subscriptions' to have tenant lev
el access.
3d63a21e-5ac7-4335-a197-a540d94e526d 'Contoso Organization'
[
  {
    "cloudName": "AzureCloud",
    "id": "3d63a21e-5ac7-4335-a197-a540d94e526d",
    "isDefault": true,
    "name": "N/A(tenant level account)",
    "state": "Enabled",
    "tenantId": "3d63a21e-5ac7-4335-a197-a540d94e526d",
    "user": {
      "name": "mayowacontoso@contosoorgtestng.onmicrosoft.com",
      "type": "user"
    }
  }
]
```

- **Create a User:**

`az ad user create --display-name "Full Name" --password "password" --user-principal-name user@user.com.`

Hint: You will encounter this error due to the initial role assignment assigned to the user that wants to create this account. Change the role assignment to Global Administrator for the user that will be used to create the user account in the CLI from the Azure portal.

```
Insufficient privileges to complete the operation.
```

After, you have changed the role assignment, this should be the output but with the values you specified.

Expected Output:

```
{
  "@odata.context": "https://graph.microsoft.com/v1.0/$metadata#users/$entity",
  "businessPhones": [],
  "displayName": "Mayowa Bodunwa",
  "givenName": null,
  "id": "f232cd28-1b5f-4a05-b357-edb3c777c0e4",
  "jobTitle": null,
  "mail": null,
  "mobilePhone": null,
  "officeLocation": null,
  "preferredLanguage": null,
  "surname": null,
  "userPrincipalName": "mayowa-cli-user@contosoorgtestng.onmicrosoft.com"
}
```

- **Create a Group:**

Command: az ad group create --display-name MyGroupName --mail-nickname MyGroupNickName

Expected Output:

```
{
  "@odata.context": "https://graph.microsoft.com/v1.0/$metadata#groups/$entity",
  "classification": null,
  "createdDateTime": "2023-06-18T13:09:48Z",
  "creationOptions": [],
  "deletedDateTime": null,
  "description": null,
  "displayName": "AD Cli",
  "expirationDateTime": null,
  "groupTypes": [],
  "id": "63e0cff3-1d37-4c26-9fda-5d02a27f0127",
  "isAssignableToRole": null,
  "mail": null,
  "mailEnabled": false,
  "mailNickname": "ad-cli-group",
  "membershipRule": null,
  "membershipRuleProcessingState": null,
  "onPremisesDomainName": null,
  "onPremisesLastSyncDateTime": null,
  "onPremisesNetBiosName": null,
  "onPremisesProvisioningErrors": [],
  "onPremisesSamAccountName": null,
  "onPremisesSecurityIdentifier": null,
  "onPremisesSyncEnabled": null,
  "preferredDataLocation": null,
  "preferredLanguage": null,
  "proxyAddresses": [],
  "renewedDateTime": "2023-06-18T13:09:48Z",
  "resourceBehaviorOptions": [],
  "resourceProvisioningOptions": [],
  "securityEnabled": true,
  "securityIdentifier": "S-1-12-1-1675677683-1277566263-39705247-654409634",
  "theme": null,
  "visibility": null
}
```

- **Add a User to Group:**

Command: az ad group member add --group "MyGroupName" --member-id "f232cd28-1b5f-4a05-b357-edb3c777c0e4" **Hint:** use your "User" member id

Expected Output: No error should be present.

- **List User in a Group:**

Command: az ad group member list --group "MyGroupName"

Expected Output:

```
[
  {
    "@odata.type": "#microsoft.graph.user",
    "businessPhones": [],
    "displayName": "Mayowa Bodunwa",
    "givenName": null,
    "id": "f232cd28-1b5f-4a05-b357-edb3c777c0e4",
    "jobTitle": null,
    "mail": null,
    "mobilePhone": null,
    "officeLocation": null,
    "preferredLanguage": null,
    "surname": null,
    "userPrincipalName": "mayowa-cli-user@contosoorgtestng.onmicrosoft.com"
  }
]
```

- **Delete a Group:**

Command: az ad group delete --group "MyGroupName"

Expected Output: No errors.

- **Delete a User:**

Command: az ad user delete --id "f232cd28-1b5f-4a05-b357-edb3c777c0e4" # use you
UserId or Principal Name

Expected Output: No errors.