Cyber Shujaa

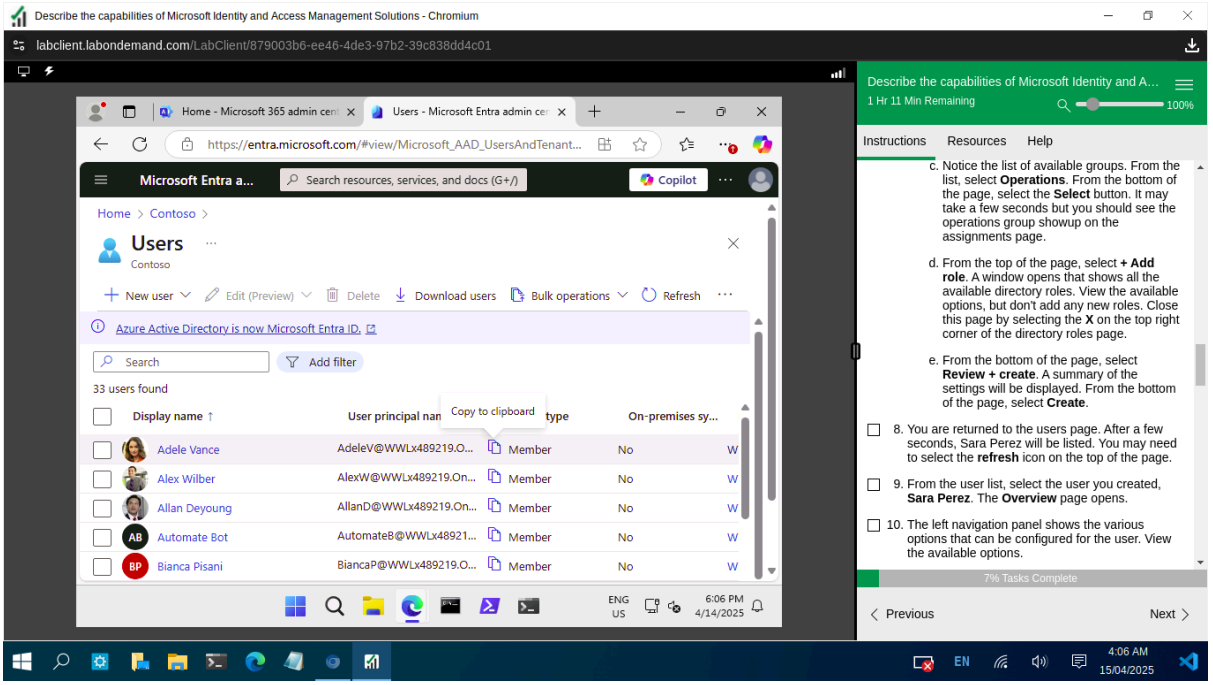
Cyber Shujaa

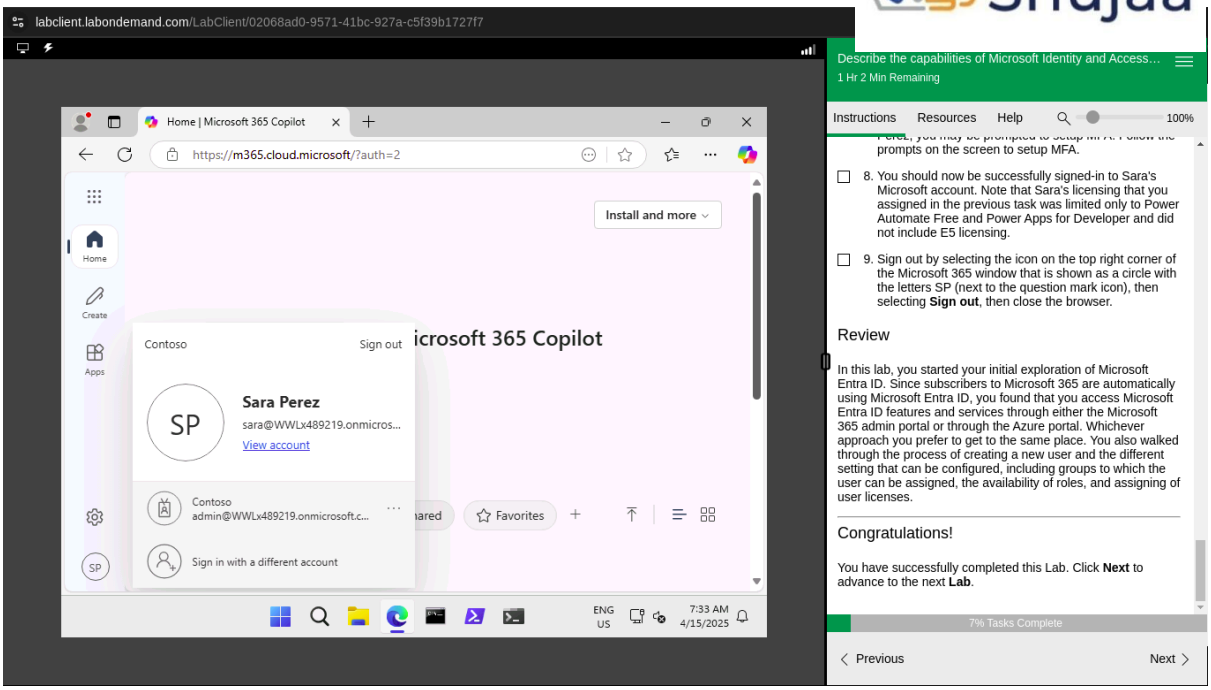
Cloud Security Specialist

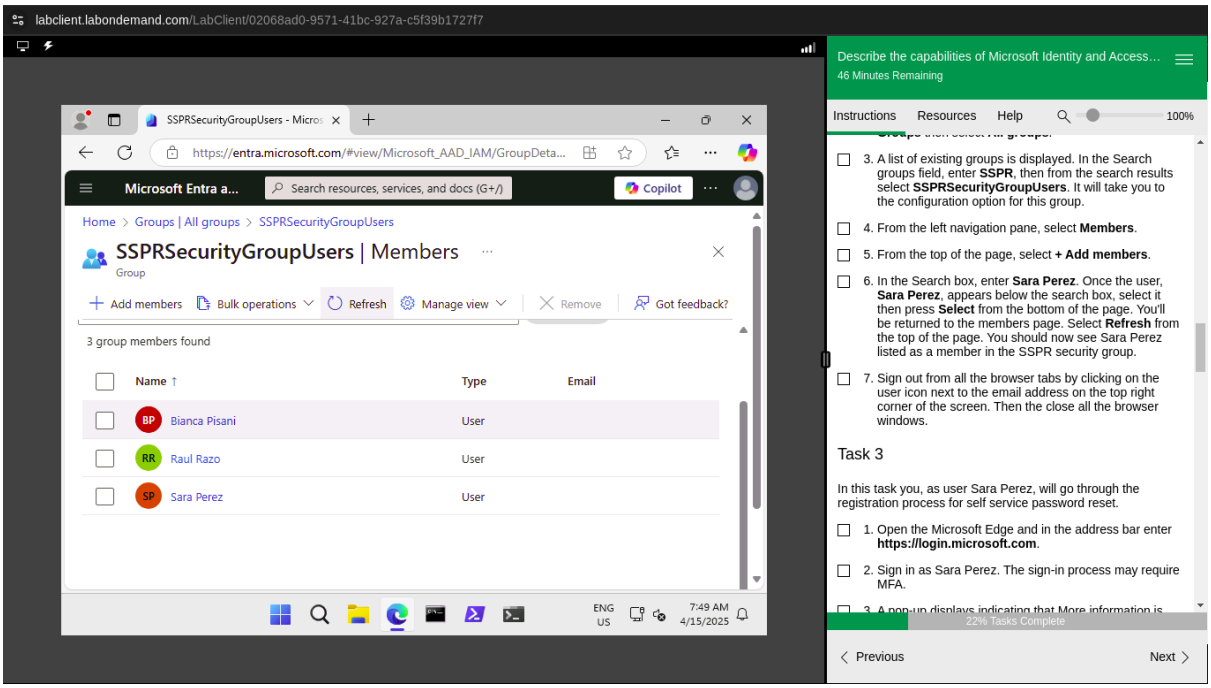
Assignment 3: Lab on Microsoft Identity and Access Management Solutions

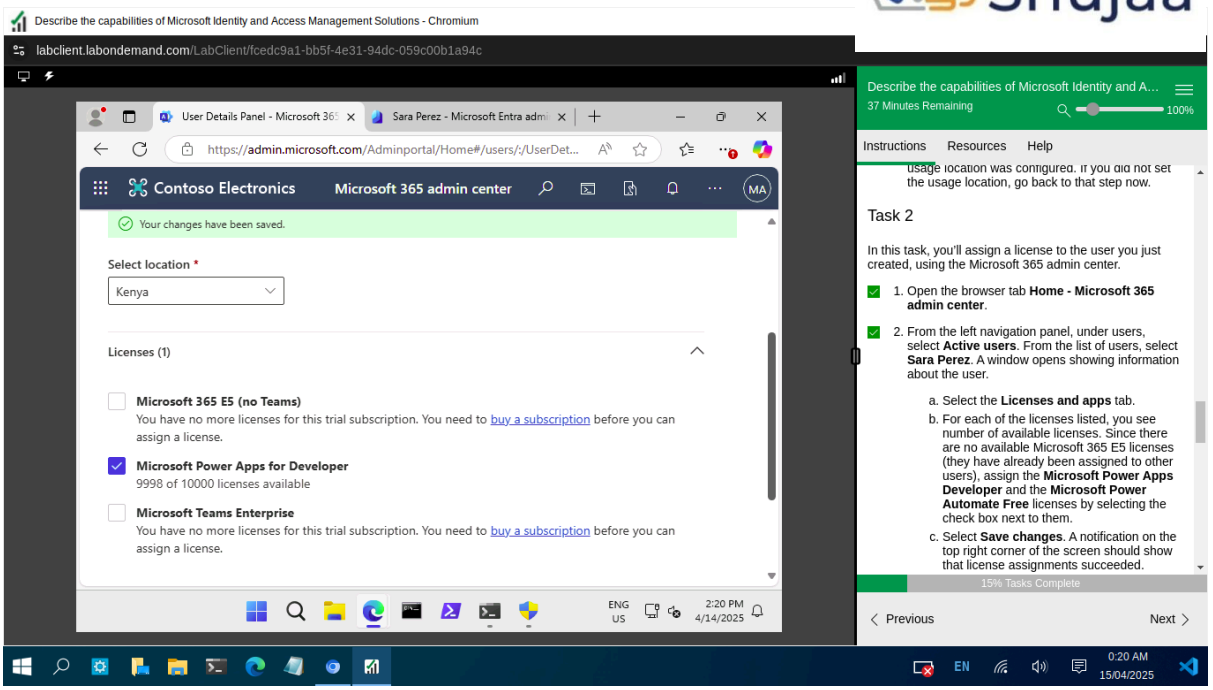
NAME: Nicholas Tanui

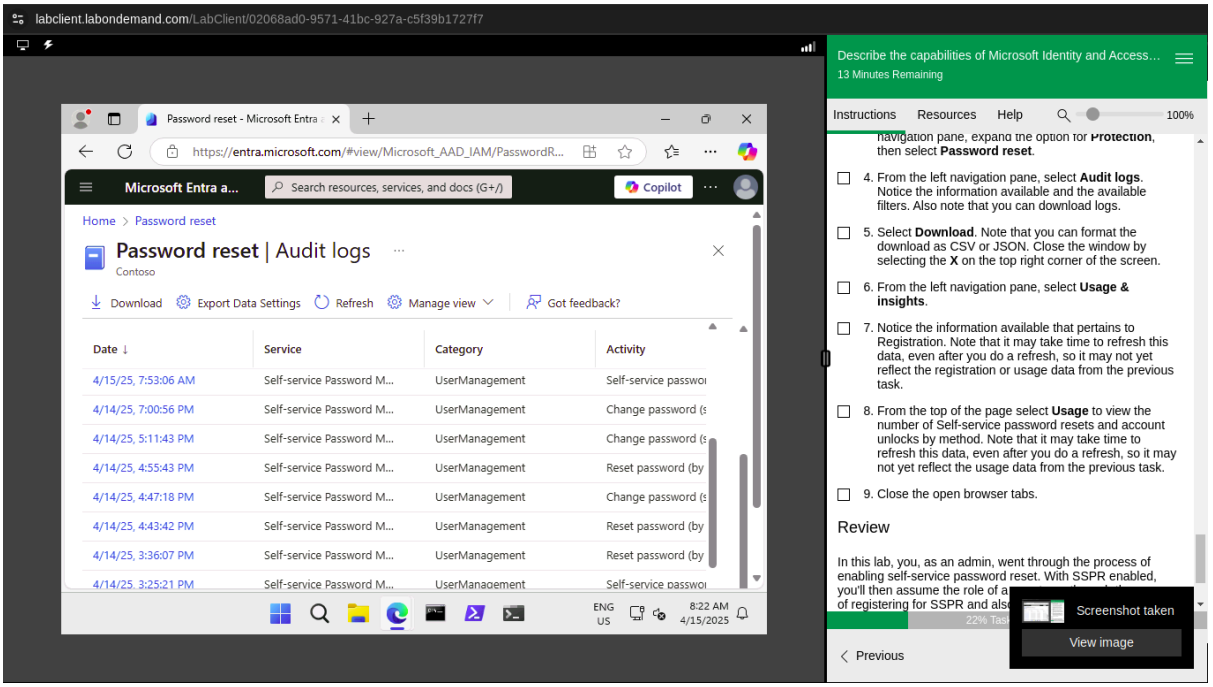
CS NO:adc-css02-25045

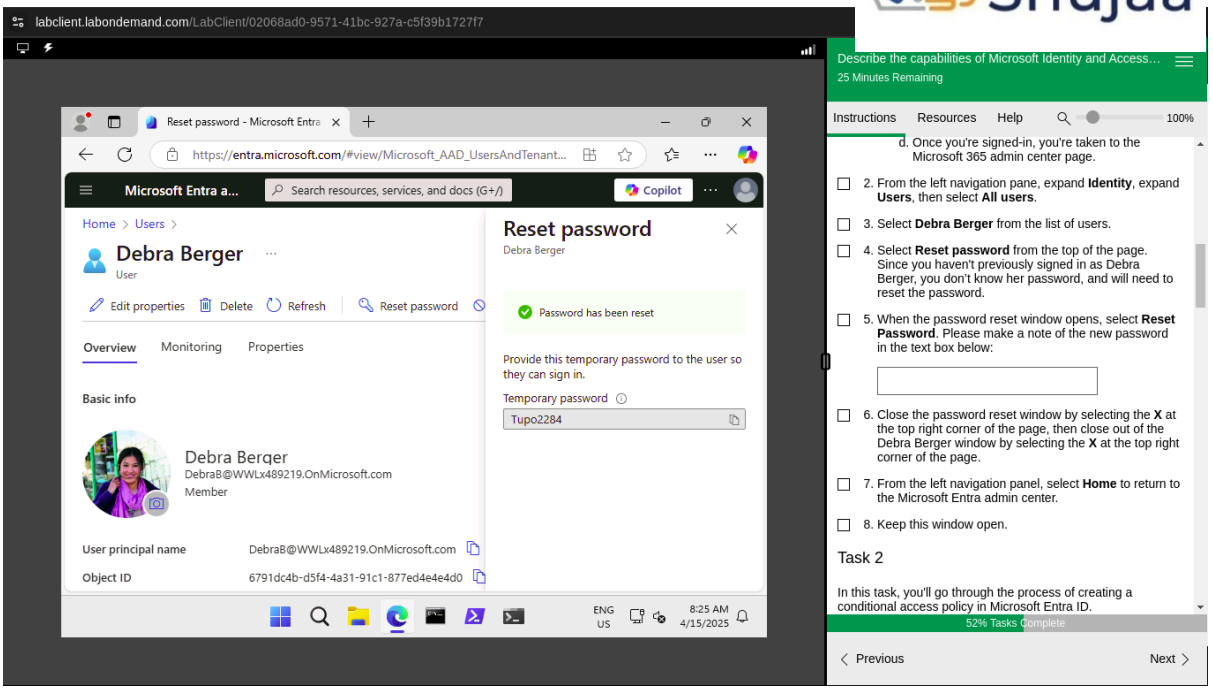


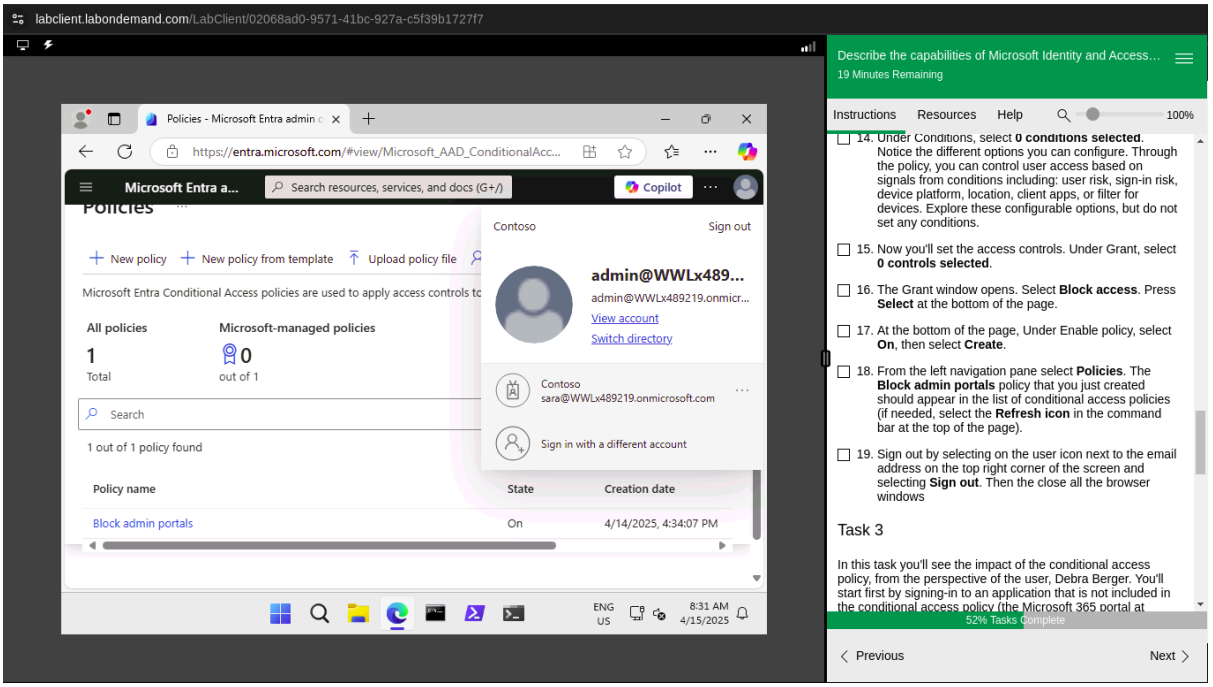

labclient.labondemand.com/LabClient/02068ad0-9571-41bc-927a-c5f39b1727f7
Home | Microsoft 365 Copilot
https://m365.cloud.microsoft/?auth=2
Install and more
Home
Create
Apps
Contoso
Sign out
Sara Perez
sara@WWLx489219.onmicros...
View account
Contoso
admin@WWLx489219.onmicrosoft.c...
Sign in with a different account
Favorites
ENG
US
7:33 AM
4/15/2025
Describe the capabilities of Microsoft Identity and Access...
1 Hr 2 Min Remaining
Instructions
Resources
Help
100%
8. You should now be successfully signed-in to Sara's Microsoft account. Note that Sara's licensing that you assigned in the previous task was limited only to Power Automate Free and Power Apps for Developer and did not include E5 licensing.
9. Sign out by selecting the icon on the top right corner of the Microsoft 365 window that is shown as a circle with the letters SP (next to the question mark icon), then selecting Sign out, then close the browser.
Review
In this lab, you started your initial exploration of Microsoft Entra ID. Since subscribers to Microsoft 365 are automatically using Microsoft Entra ID, you found that you access Microsoft Entra ID features and services through either the Microsoft 365 admin portal or through the Azure portal. Whichever approach you prefer to get to the same place. You also walked through the process of creating a new user and the different setting that can be configured, including groups to which the user can be assigned, the availability of roles, and assigning of user licenses.
Congratulations!
You have successfully completed this Lab. Click Next to advance to the next Lab.
7% Tasks Complete
Previous
Next

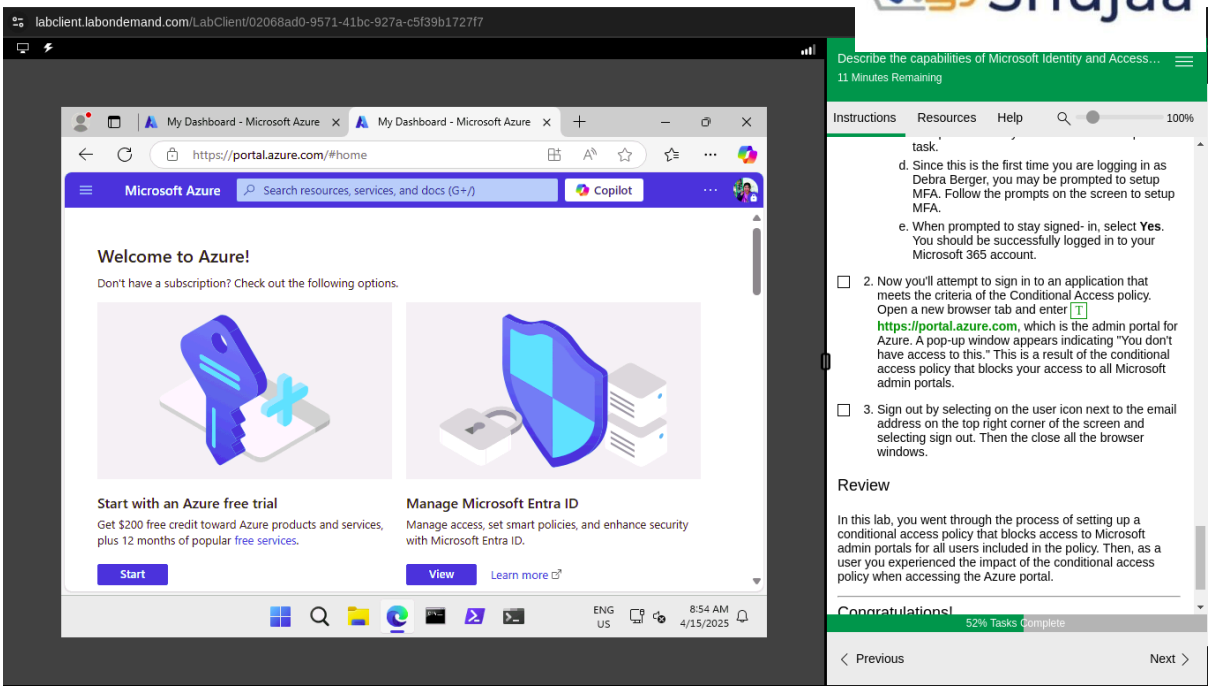

labclient.labondemand.com/LabClient/02068ad0-9571-41bc-927a-c5f39b1727f7
SSPRSecurityGroupUsers - Micro
https://entra.microsoft.com/#view/Microsoft_AAD_IAM/GroupDeta...
Microsoft Entra a...
Search resources, services, and docs (G+/)
Copilot
Home > Groups | All groups > SSPRSecurityGroupUsers
SSPRSecurityGroupUsers | Members
Group
Add members
Bulk operations
Refresh
Manage view
Remove
Got feedback?
3 group members found
Name
Type
Email
Bianca Pisani
User
Raul Razo
User
Sara Perez
User
ENG
US
7:49 AM
4/15/2025
Describe the capabilities of Microsoft Identity and Access...
46 Minutes Remaining
Instructions
Resources
Help
100%
3. A list of existing groups is displayed. In the Search groups field, enter SSPR, then from the search results select SSPRSecurityGroupUsers. It will take you to the configuration option for this group.
4. From the left navigation pane, select Members.
5. From the top of the page, select + Add members.
6. In the Search box, enter Sara Perez. Once the user, Sara Perez, appears below the search box, select it then press Select from the bottom of the page. You'll be returned to the members page. Select Refresh from the top of the page. You should now see Sara Perez listed as a member in the SSPR security group.
7. Sign out from all the browser tabs by clicking on the user icon next to the email address on the top right corner of the screen. Then the close all the browser windows.
Task 3
In this task you, as user Sara Perez, will go through the registration process for self service password reset.
1. Open the Microsoft Edge and in the address bar enter https://login.microsoft.com.
2. Sign in as Sara Perez. The sign-in process may require MFA.
22% Tasks Complete
Previous
Next

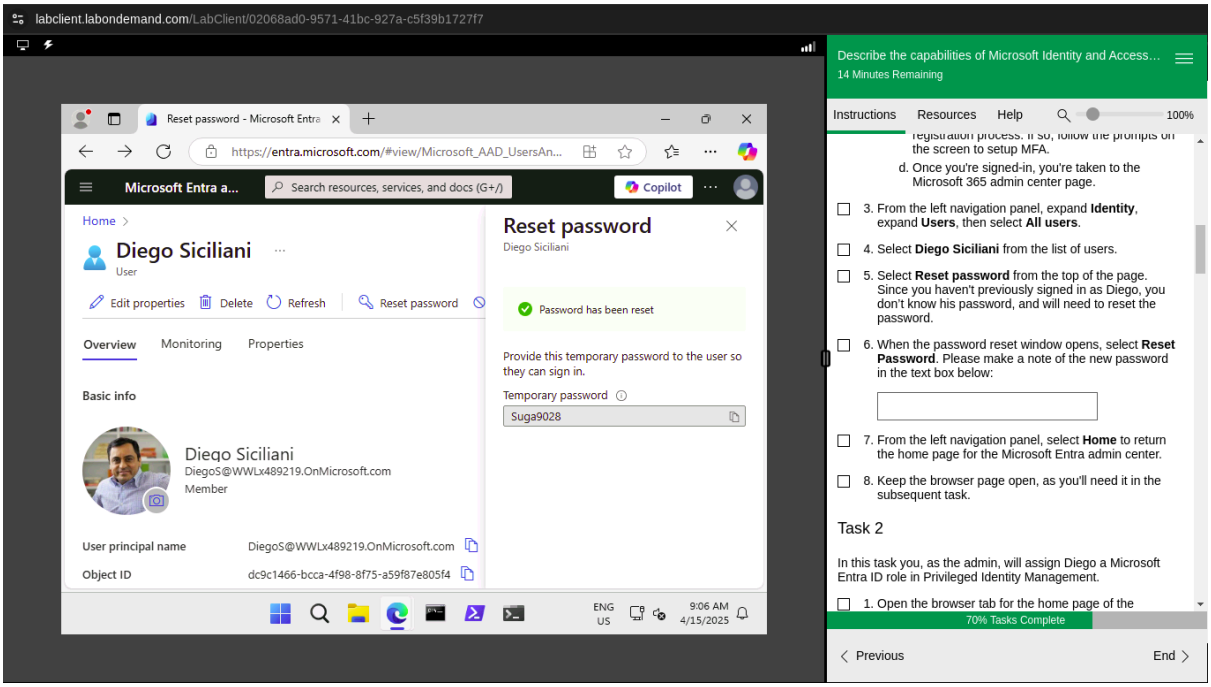

Describe the capabilities of Microsoft Identity and Access Management Solutions - Chromium
labclient.labondemand.com/LabClient/fcedc9a1-bb5f-4e31-94dc-059c00b1a94c
User Details Panel - Microsoft 365
Sara Perez - Microsoft Entra adm
https://admin.microsoft.com/Adminportal/Home#/users/:/UserDet...
Contoso Electronics
Microsoft 365 admin center
Your changes have been saved.
Select location *
Kenya
Licenses (1)
Microsoft 365 E5 (no Teams)
You have no more licenses for this trial subscription. You need to buy a subscription before you can assign a license.
Microsoft Power Apps for Developer
9998 of 10000 licenses available
Microsoft Teams Enterprise
You have no more licenses for this trial subscription. You need to buy a subscription before you can assign a license.
ENG US
2:20 PM 4/14/2025
Describe the capabilities of Microsoft Identity and A...
37 Minutes Remaining
100%
Instructions
Resources
Help
the usage location was configured. If you did not set the usage location, go back to that step now.
Task 2
In this task, you'll assign a license to the user you just created, using the Microsoft 365 admin center.
1. Open the browser tab Home - Microsoft 365 admin center.
2. From the left navigation panel, under users, select Active users. From the list of users, select Sara Perez. A window opens showing information about the user.
a. Select the Licenses and apps tab.
b. For each of the licenses listed, you see number of available licenses. Since there are no available Microsoft 365 E5 licenses (they have already been assigned to other users), assign the Microsoft Power Apps Developer and the Microsoft Power Automate Free licenses by selecting the check box next to them.
c. Select Save changes. A notification on the top right corner of the screen should show that license assignments succeeded.
15% Tasks Complete
Previous
Next
EN
0:20 AM 15/04/2025

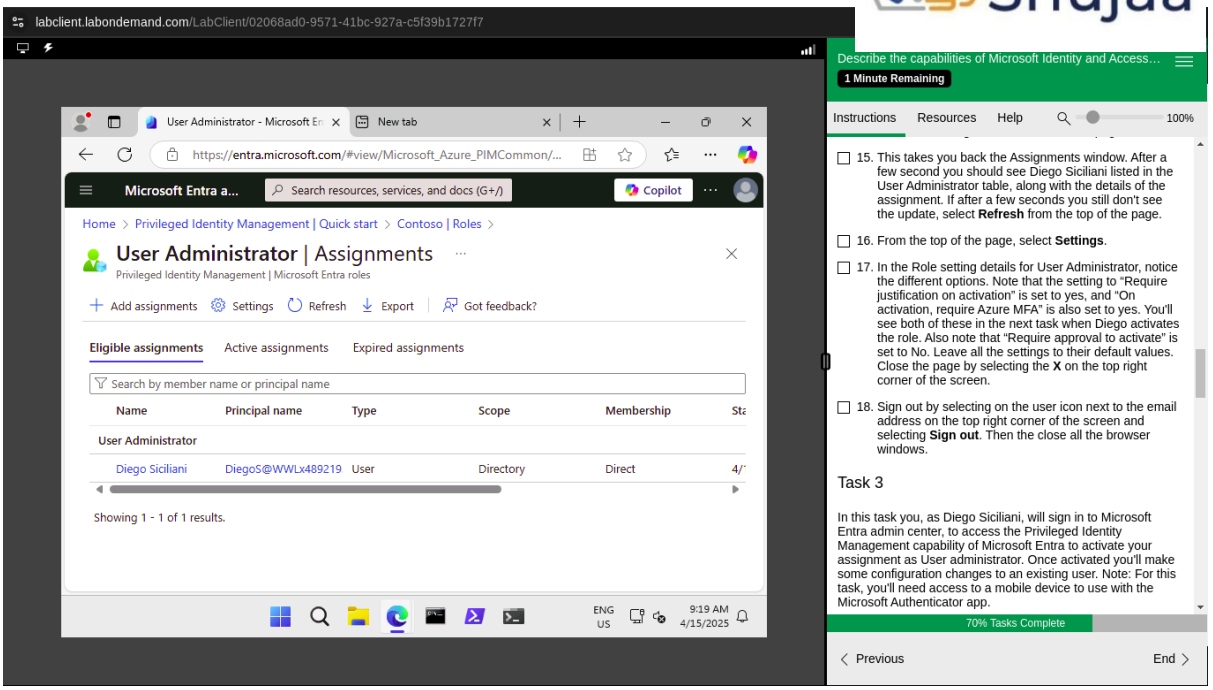

labclient.labondemand.com/LabClient/02068ad0-9571-41bc-927a-c5f39b1727f7
Password reset - Microsoft Entra
https://entra.microsoft.com/#view/Microsoft_AAD_IAM/PasswordR...
Microsoft Entra a...
Search resources, services, and docs (G+/)
Copilot
Home > Password reset
Password reset | Audit logs
Contoso
Download
Export Data Settings
Refresh
Manage view
Got feedback?
Date
Service
Category
Activity
4/15/25, 7:53:06 AM Self-service Password M... UserManagement Self-service passwo
4/14/25, 7:00:56 PM Self-service Password M... UserManagement Change password (s
4/14/25, 5:11:43 PM Self-service Password M... UserManagement Change password (s
4/14/25, 4:55:43 PM Self-service Password M... UserManagement Reset password (by
4/14/25, 4:47:18 PM Self-service Password M... UserManagement Change password (s
4/14/25, 4:43:42 PM Self-service Password M... UserManagement Reset password (by
4/14/25, 3:36:07 PM Self-service Password M... UserManagement Reset password (by
4/14/25, 3:25:21 PM Self-service Password M... UserManagement Self-service passwo
ENG US
8:22 AM 4/15/2025
Describe the capabilities of Microsoft Identity and Access...
13 Minutes Remaining
100%
Instructions
Resources
Help
navigation pane, expand the option for Protection, then select Password reset.
4. From the left navigation pane, select Audit logs. Notice the information available and the available filters. Also note that you can download logs.
5. Select Download. Note that you can format the download as CSV or JSON. Close the window by selecting the X on the top right corner of the screen.
6. From the left navigation pane, select Usage & insights.
7. Notice the information available that pertains to Registration. Note that it may take time to refresh this data, even after you do a refresh, so it may not yet reflect the registration or usage data from the previous task.
8. From the top of the page select Usage to view the number of Self-service password resets and account unlocks by method. Note that it may take time to refresh this data, even after you do a refresh, so it may not yet reflect the usage data from the previous task.
9. Close the open browser tabs.
Review
In this lab, you, as an admin, went through the process of enabling self-service password reset. With SSPR enabled, you'll then assume the role of a
of registering for SSPR and als
Screenshot taken
View image
Previous

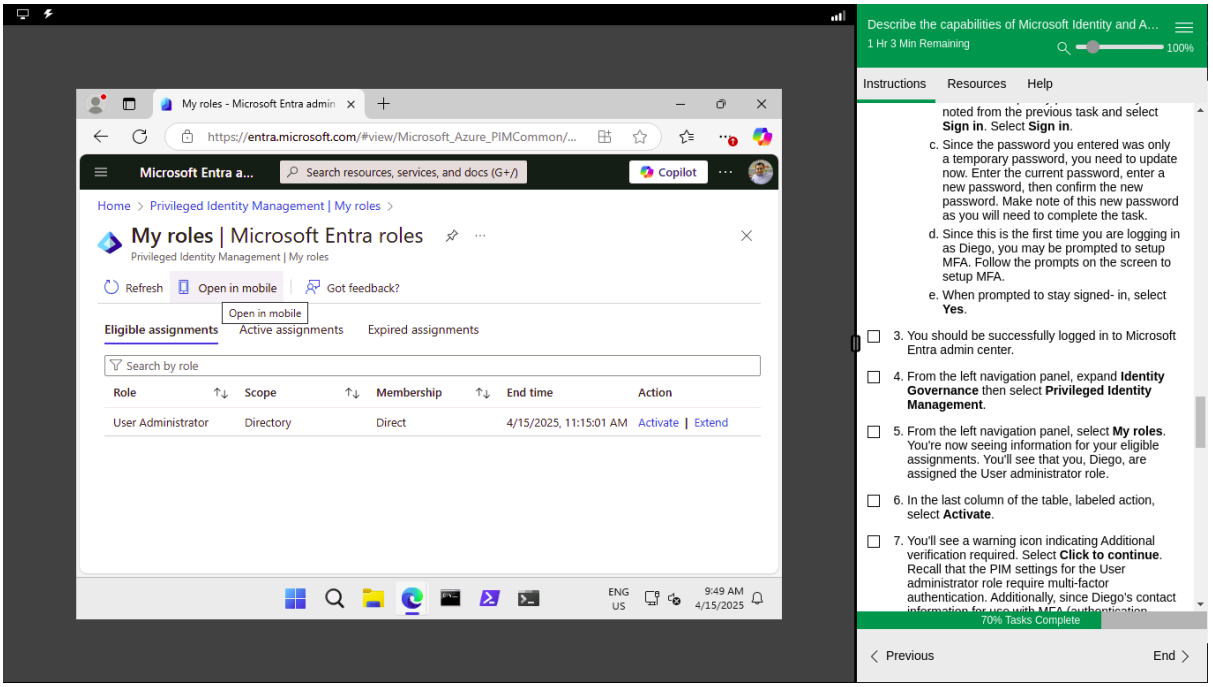

labclient.labondemand.com/LabClient/02068ad0-9571-41bc-927a-c5f39b1727f7
Reset password - Microsoft Entra
https://entra.microsoft.com/#view/Microsoft_AAD_UsersAndTenant...
Microsoft Entra a...
Search resources, services, and docs (G+/)
Copilot
Home > Users >
Debra Berger
User
Edit properties
Delete
Refresh
Reset password
Overview
Monitoring
Properties
Basic info
Debra Berger
DebraB@WWLx489219.OnMicrosoft.com
Member
User principal name
DebraB@WWLx489219.OnMicrosoft.com
Object ID
6791dc4b-d5f4-4a31-91c1-877ed4e4e4d0
Reset password
Debra Berger
Password has been reset
Provide this temporary password to the user so they can sign in.
Temporary password
Tupo2284
ENG
US
8:25 AM
4/15/2025
Describe the capabilities of Microsoft Identity and Access...
25 Minutes Remaining
Instructions
Resources
Help
100%
d. Once you're signed-in, you're taken to the Microsoft 365 admin center page.
2. From the left navigation pane, expand Identity, expand Users, then select All users.
3. Select Debra Berger from the list of users.
4. Select Reset password from the top of the page. Since you haven't previously signed in as Debra Berger, you don't know her password, and will need to reset the password.
5. When the password reset window opens, select Reset Password. Please make a note of the new password in the text box below:
6. Close the password reset window by selecting the X at the top right corner of the page, then close out of the Debra Berger window by selecting the X at the top right corner of the page.
7. From the left navigation panel, select Home to return to the Microsoft Entra admin center.
8. Keep this window open.
Task 2
In this task, you'll go through the process of creating a conditional access policy in Microsoft Entra ID.
52% Tasks Complete
Previous
Next

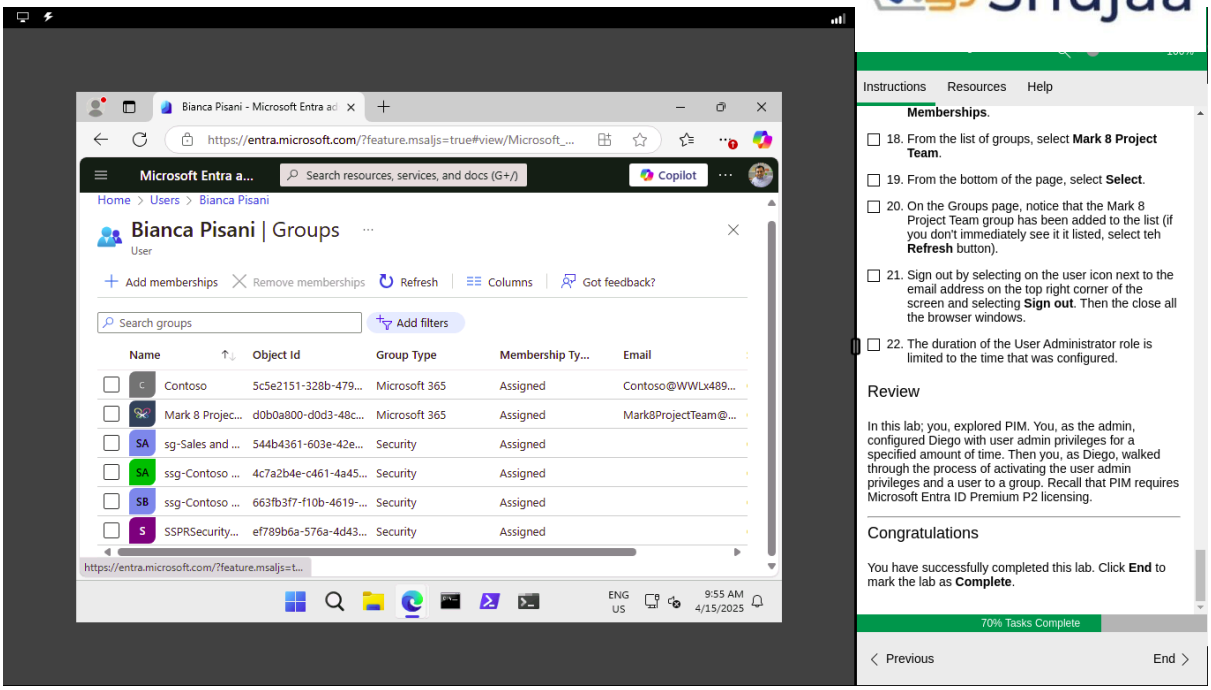

labclient.labondemand.com/LabClient/02068ad0-9571-41bc-927a-c5f39b1727f7
Policies - Microsoft Entra admin c
https://entra.microsoft.com/#view/Microsoft_AAD_ConditionalAcc...
Microsoft Entra a...
Search resources, services, and docs (G+/)
Copilot
Policies
New policy
New policy from template
Upload policy file
Microsoft Entra Conditional Access policies are used to apply access controls to
All policies
1
Total
Microsoft-managed policies
0
out of 1
Search
1 out of 1 policy found
Policy name
State
Creation date
Block admin portals
On
4/14/2025, 4:34:07 PM
Contoso
Sign out
admin@WWLx489...
admin@WWLx489219.onmicr...
View account
Switch directory
Contoso
sara@WWLx489219.onmicrosoft.com
Sign in with a different account
ENG
US
8:31 AM
4/15/2025
Describe the capabilities of Microsoft Identity and Access...
19 Minutes Remaining
Instructions
Resources
Help
100%
14. Under Conditions, select 0 conditions selected. Notice the different options you can configure. Through the policy, you can control user access based on signals from conditions including: user risk, sign-in risk, device platform, location, client apps, or filter for devices. Explore these configurable options, but do not set any conditions.
15. Now you'll set the access controls. Under Grant, select 0 controls selected.
16. The Grant window opens. Select Block access. Press Select at the bottom of the page.
17. At the bottom of the page, Under Enable policy, select On, then select Create.
18. From the left navigation pane select Policies. The Block admin portals policy that you just created should appear in the list of conditional access policies (if needed, select the Refresh icon in the command bar at the top of the page).
19. Sign out by selecting on the user icon next to the email address on the top right corner of the screen and selecting Sign out. Then the close all the browser windows
Task 3
In this task you'll see the impact of the conditional access policy, from the perspective of the user, Debra Berger. You'll start first by signing-in to an application that is not included in
52% Tasks Complete
Previous
Next


labclient.labondemand.com/LabClient/02068ad0-9571-41bc-927a-c5f39b1727f7
My Dashboard - Microsoft Azure
https://portal.azure.com/#home
Microsoft Azure
Search resources, services, and docs (G+/)
Copilot
Welcome to Azure!
Don't have a subscription? Check out the following options.
Start with an Azure free trial
Get $200 free credit toward Azure products and services, plus 12 months of popular free services.
Start
Manage Microsoft Entra ID
Manage access, set smart policies, and enhance security with Microsoft Entra ID.
View
Learn more
ENG US
8:54 AM 4/15/2025
Describe the capabilities of Microsoft Identity and Access...
11 Minutes Remaining
Instructions
Resources
Help
100%
d. Since this is the first time you are logging in as Debra Berger, you may be prompted to setup MFA. Follow the prompts on the screen to setup MFA.
e. When prompted to stay signed- in, select Yes. You should be successfully logged in to your Microsoft 365 account.
2. Now you'll attempt to sign in to an application that meets the criteria of the Conditional Access policy. Open a new browser tab and enter https://portal.azure.com, which is the admin portal for Azure. A pop-up window appears indicating "You don't have access to this." This is a result of the conditional access policy that blocks your access to all Microsoft admin portals.
3. Sign out by selecting on the user icon next to the email address on the top right corner of the screen and selecting sign out. Then the close all the browser windows.
Review
In this lab, you went through the process of setting up a conditional access policy that blocks access to Microsoft admin portals for all users included in the policy. Then, as a user you experienced the impact of the conditional access policy when accessing the Azure portal.
52% Tasks Complete
Previous
Next


labclient.labondemand.com/LabClient/02068ad0-9571-41bc-927a-c5f39b1727f7
Reset password - Microsoft Entra
https://entra.microsoft.com/#view/Microsoft_AAD_UsersAn...
Microsoft Entra a...
Search resources, services, and docs (G+/)
Copilot
Home
Diego Siciliani
User
Edit properties
Delete
Refresh
Reset password
Overview
Monitoring
Properties
Basic info
Diego Siciliani
DiegoS@WWLx489219.OnMicrosoft.com
Member
User principal name
DiegoS@WWLx489219.OnMicrosoft.com
Object ID
dc9c1466-bcca-4f98-8f75-a59f87e805f4
Reset password
Diego Siciliani
Password has been reset
Provide this temporary password to the user so they can sign in.
Temporary password
Suga9028
ENG US
9:06 AM 4/15/2025
Describe the capabilities of Microsoft Identity and Access...
14 Minutes Remaining
Instructions
Resources
Help
100%
d. Once you're signed-in, you're taken to the Microsoft 365 admin center page.
3. From the left navigation panel, expand Identity, expand Users, then select All users.
4. Select Diego Siciliani from the list of users.
5. Select Reset password from the top of the page. Since you haven't previously signed in as Diego, you don't know his password, and will need to reset the password.
6. When the password reset window opens, select Reset Password. Please make a note of the new password in the text box below:
7. From the left navigation panel, select Home to return the home page for the Microsoft Entra admin center.
8. Keep the browser page open, as you'll need it in the subsequent task.
Task 2
In this task you, as the admin, will assign Diego a Microsoft Entra ID role in Privileged Identity Management.
1. Open the browser tab for the home page of the
70% Tasks Complete
Previous
End


labclient.labondemand.com/LabClient/02068ad0-9571-41bc-927a-c5f39b1727f7
User Administrator - Microsoft En
New tab
https://entra.microsoft.com/#view/Microsoft_Azure_PIMCommon/...
Microsoft Entra a...
Search resources, services, and docs (G+/)
Copilot
Home > Privileged Identity Management | Quick start > Contoso | Roles >
User Administrator | Assignments
Privileged Identity Management | Microsoft Entra roles
Add assignments
Settings
Refresh
Export
Got feedback?
Eligible assignments
Active assignments
Expired assignments
Search by member name or principal name
Name
Principal name
Type
Scope
Membership
User Administrator
Diego Siciliani
DiegoS@WWLx489219
User
Directory
Direct
Showing 1 - 1 of 1 results.
ENG
US
9:19 AM
4/15/2025
Describe the capabilities of Microsoft Identity and Access...
1 Minute Remaining
Instructions
Resources
Help
100%
15. This takes you back the Assignments window. After a few second you should see Diego Siciliani listed in the User Administrator table, along with the details of the assignment. If after a few seconds you still don't see the update, select Refresh from the top of the page.
16. From the top of the page, select Settings.
17. In the Role setting details for User Administrator, notice the different options. Note that the setting to "Require justification on activation" is set to yes, and "On activation, require Azure MFA" is also set to yes. You'll see both of these in the next task when Diego activates the role. Also note that "Require approval to activate" is set to No. Leave all the settings to their default values. Close the page by selecting the X on the top right corner of the screen.
18. Sign out by selecting on the user icon next to the email address on the top right corner of the screen and selecting Sign out. Then the close all the browser windows.
Task 3
In this task you, as Diego Siciliani, will sign in to Microsoft Entra admin center, to access the Privileged Identity Management capability of Microsoft Entra to activate your assignment as User administrator. Once activated you'll make some configuration changes to an existing user. Note: For this task, you'll need access to a mobile device to use with the Microsoft Authenticator app.
70% Tasks Complete
Previous
End


My roles - Microsoft Entra admin
https://entra.microsoft.com/#view/Microsoft_Azure_PIMCommon/...
Microsoft Entra a...
Search resources, services, and docs (G+/)
Copilot
Home > Privileged Identity Management | My roles >
My roles | Microsoft Entra roles
Privileged Identity Management | My roles
Refresh
Open in mobile
Got feedback?
Open in mobile
Eligible assignments
Active assignments
Expired assignments
Search by role
Role
Scope
Membership
End time
Action
User Administrator
Directory
Direct
4/15/2025, 11:15:01 AM
Activate | Extend
ENG
US
9:49 AM
4/15/2025
Describe the capabilities of Microsoft Identity and A...
1 Hr 3 Min Remaining
100%
Instructions
Resources
Help
noted from the previous task and select Sign in. Select Sign in.
c. Since the password you entered was only a temporary password, you need to update now. Enter the current password, enter a new password, then confirm the new password. Make note of this new password as you will need to complete the task.
d. Since this is the first time you are logging in as Diego, you may be prompted to setup MFA. Follow the prompts on the screen to setup MFA.
e. When prompted to stay signed- in, select Yes.
3. You should be successfully logged in to Microsoft Entra admin center.
4. From the left navigation panel, expand Identity Governance then select Privileged Identity Management.
5. From the left navigation panel, select My roles. You're now seeing information for your eligible assignments. You'll see that you, Diego, are assigned the User administrator role.
6. In the last column of the table, labeled action, select Activate.
7. You'll see a warning icon indicating Additional verification required. Select Click to continue. Recall that the PIM settings for the User administrator role require multi-factor authentication. Additionally, since Diego's contact
70% Tasks Complete
Previous
End



Instructions Resources Help

Memberships.

- [ ] 18. From the list of groups, select **Mark 8 Project Team**.
- [ ] 19. From the bottom of the page, select **Select**.
- [ ] 20. On the Groups page, notice that the Mark 8 Project Team group has been added to the list (if you don't immediately see it it listed, select teh **Refresh** button).
- [ ] 21. Sign out by selecting on the user icon next to the email address on the top right corner of the screen and selecting **Sign out**. Then the close all the browser windows.
- [ ] 22. The duration of the User Administrator role is limited to the time that was configured.

Review

In this lab; you, explored PIM. You, as the admin, configured Diego with user admin privileges for a specified amount of time. Then you, as Diego, walked through the process of activating the user admin privileges and a user to a group. Recall that PIM requires Microsoft Entra ID Premium P2 licensing.

Congratulations

You have successfully completed this lab. Click **End** to mark the lab as **Complete**.

70% Tasks Complete

Previous End