

LAB09: Learn about Windows Admin Center single pane glass management

Student Lab Manual

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Exercise 1 - Manage your Arc-enabled Windows machines using the Windows Admin Center

In this exercise you will learn how to use the Windows Admin Center in the Azure portal to manage the Windows operating system of your Arc-enabled servers, known as hybrid machines. You can securely manage hybrid machines from anywhere without needing a VPN, public IP address, or other inbound connectivity to your machine.

Estimated Time to Complete This Lab

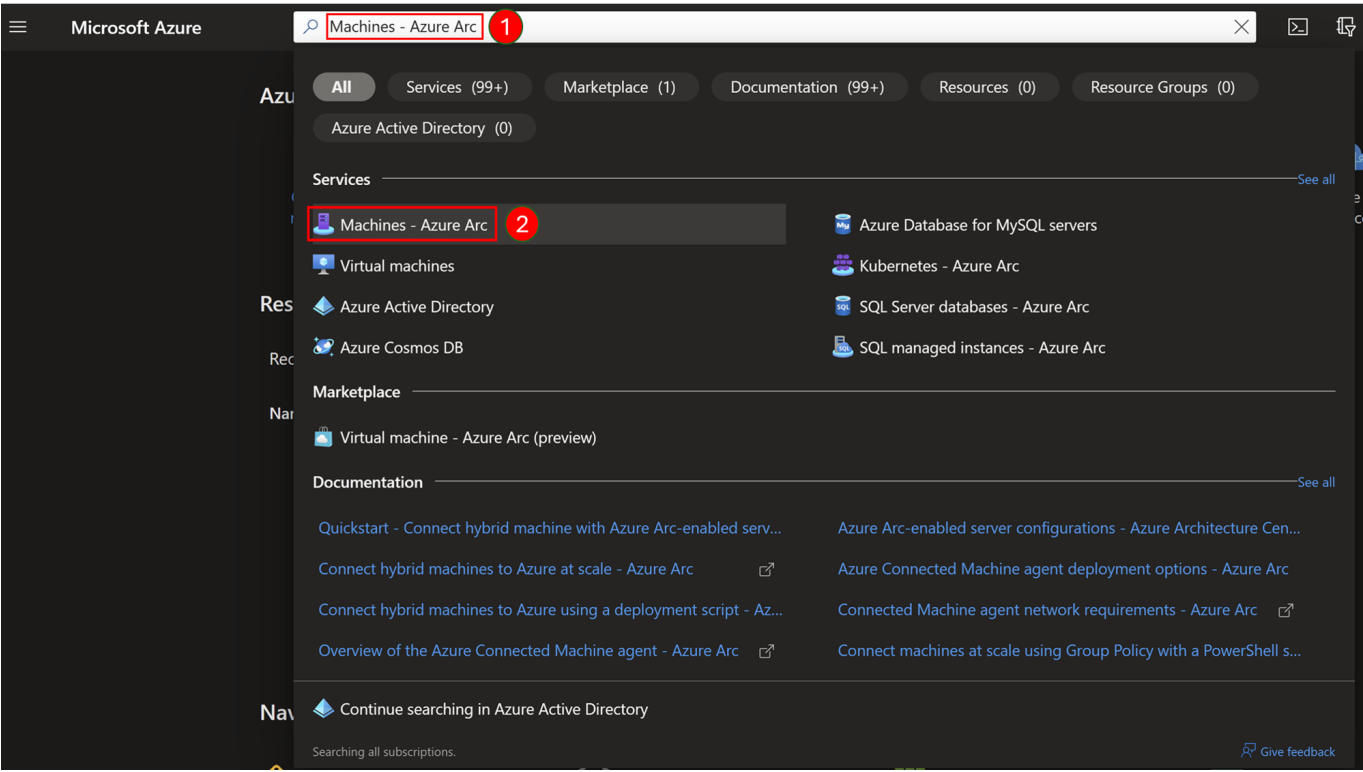
40 minutes

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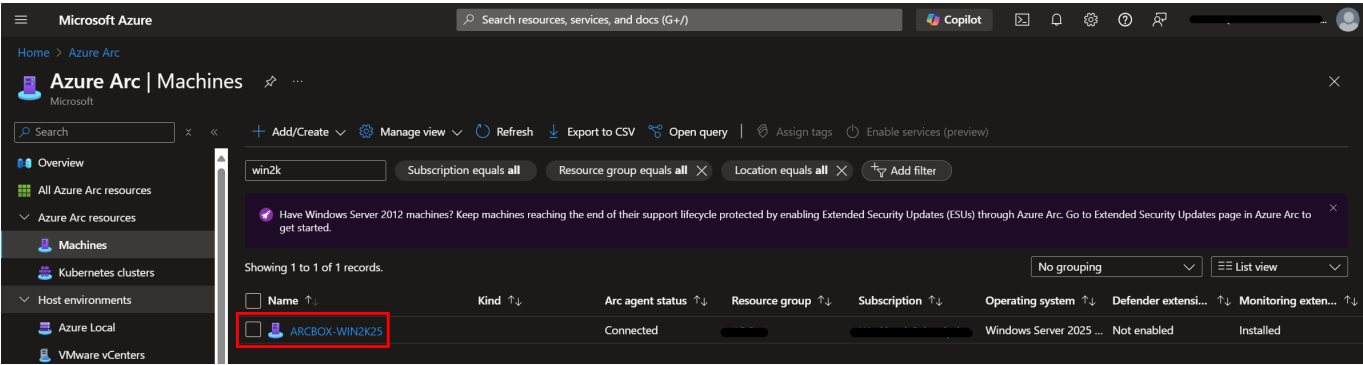
Task 1: Pre-requisites

Pre-requisite 1: Azure permissions

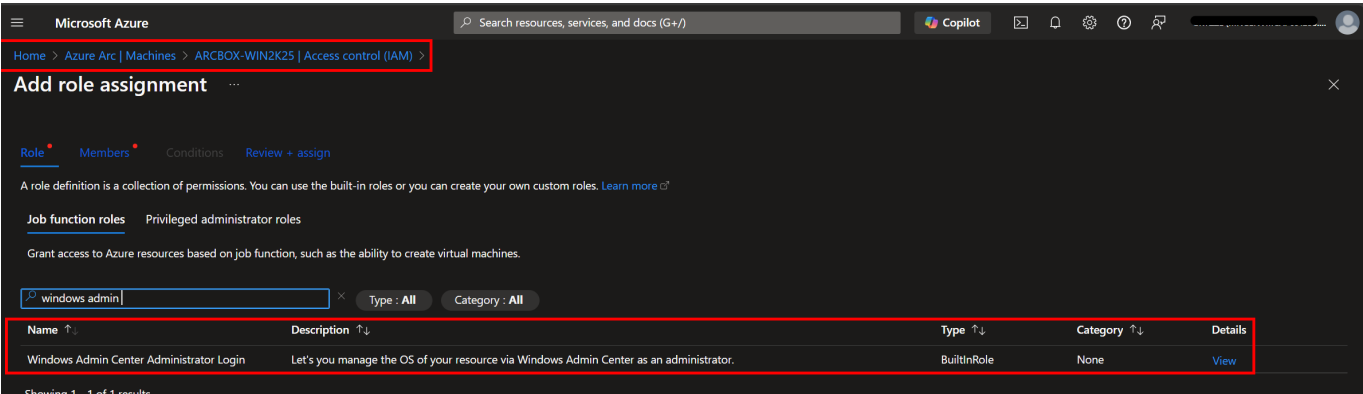
1. [] To install the Windows Admin Center extension for an Arc-enabled server resource, your account must be granted the Owner, Contributor, or Windows Admin Center Administrator Login role in Azure.
Check with your subscription administrator to verify that you have the required roles.
2. [] Connecting to Windows Admin Center requires you to have Reader and Windows Admin Center Administrator Login permissions at the Arc-enabled server resource. The following steps help you to set these up.
3. [] Enter "Machines - Azure Arc" in the top search bar in the Azure portal and select it from the displayed services.



4. [] Click on *ArcBox-Win2K25* Arc-enabled Windows server.



5. [] From the selected Windows machine click "Access control (IAM)" then add the role "Admin Center Administrator Login" to your access (use the lab user identity as in the *Resources* tab in the labs environment).

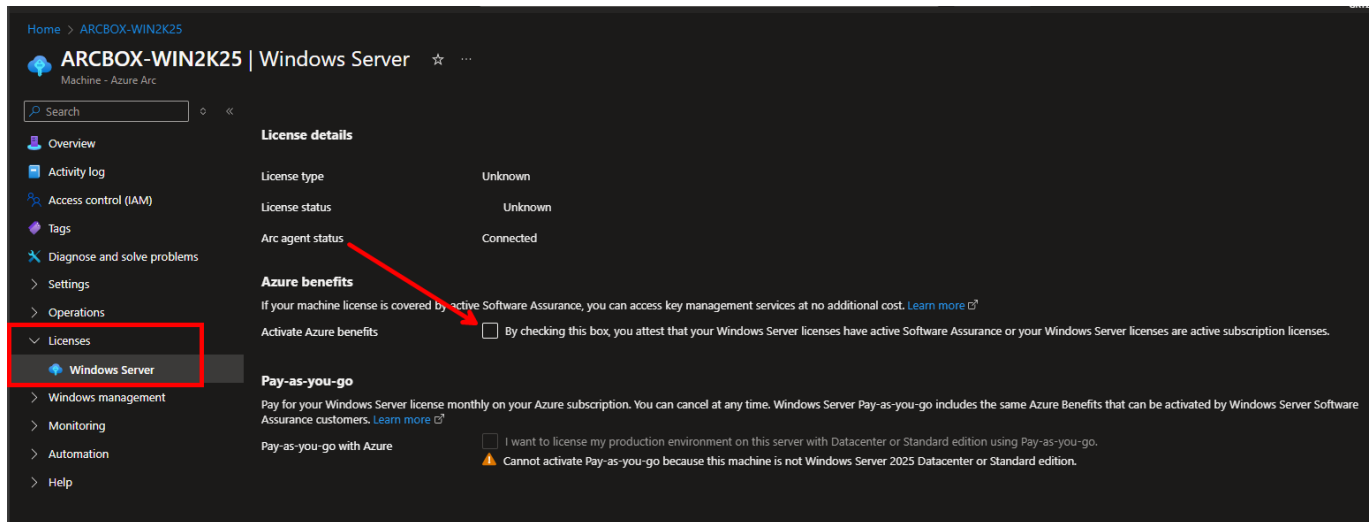


6. [] Follow similar steps to assign yourself Reader permissions at the Arc-enabled server resource.

Pre-requisite 2: Set Windows Server Licensing

1. [] To be able to install the Windows Admin Center extension for an Arc-enabled server resource, you must set the "Windows Server" licensing to either PAYGO (Pay as you go) or attest that you have SA (Software Assurance). In this case we will use the Software Assurance attestation.

[!Important] **Important note about Licensing: The Azure Arc-enabled server must be officially licensed through a valid licensing channel. Unlicensed servers aren't eligible for benefits such as Windows Admin Center.** [Refer to this document for further information](#)



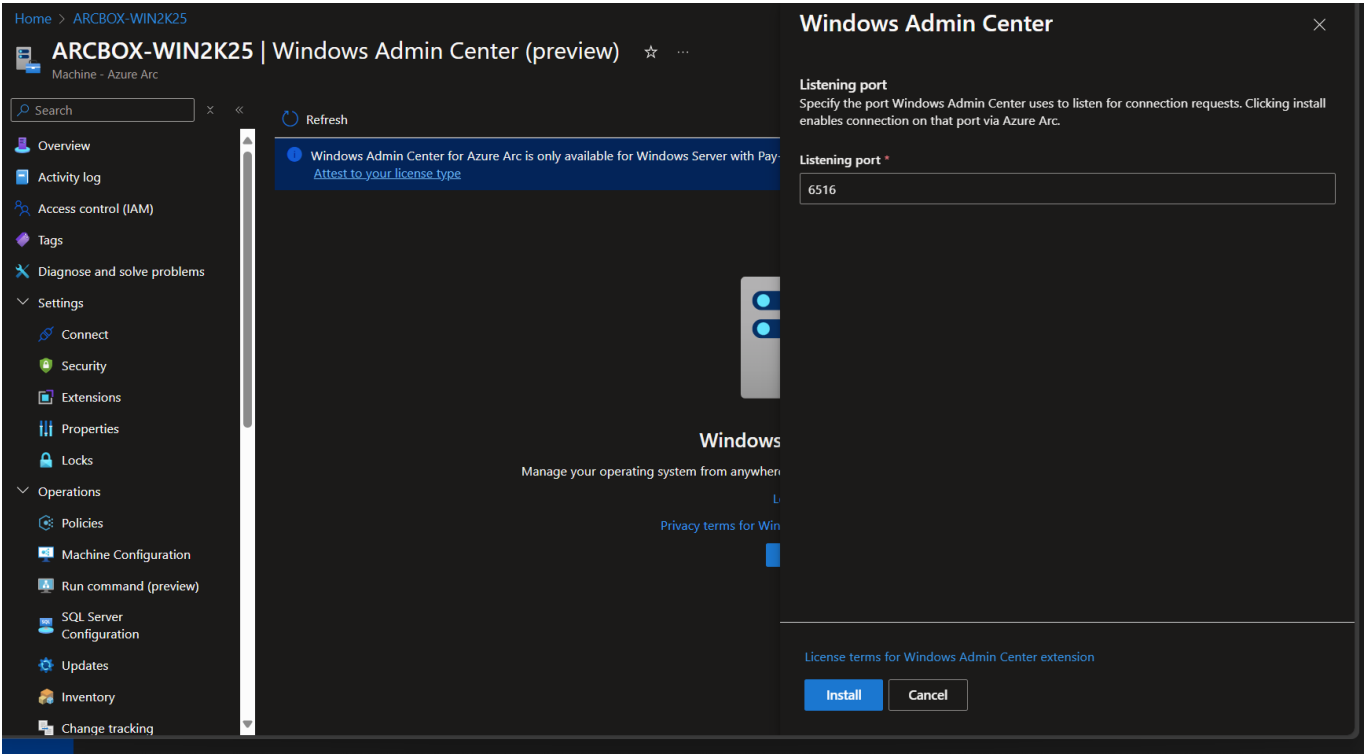
Task 1 has been completed

Click **Next** for the next task or [Go back to the main table of content](#)

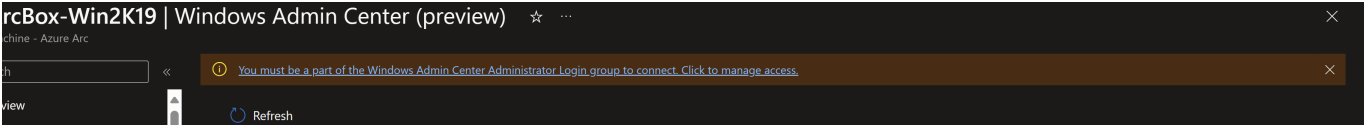
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Task 2: Deploy the Windows Admin Center VM extension

1. [] Open the Azure portal and navigate to the *ArcBox-Win2K25* machine.
2. [] Under the Settings group, select Windows Admin Center, then click "Set up".
3. [] Specify the port on which you wish to install Windows Admin Center (the default port is displayed and you should use it for this lab), and then select Install.



4. [] If you get the following message after the installation is complete then you need to go back to the previous step and set up the permissions as explained in Pre-requisite.



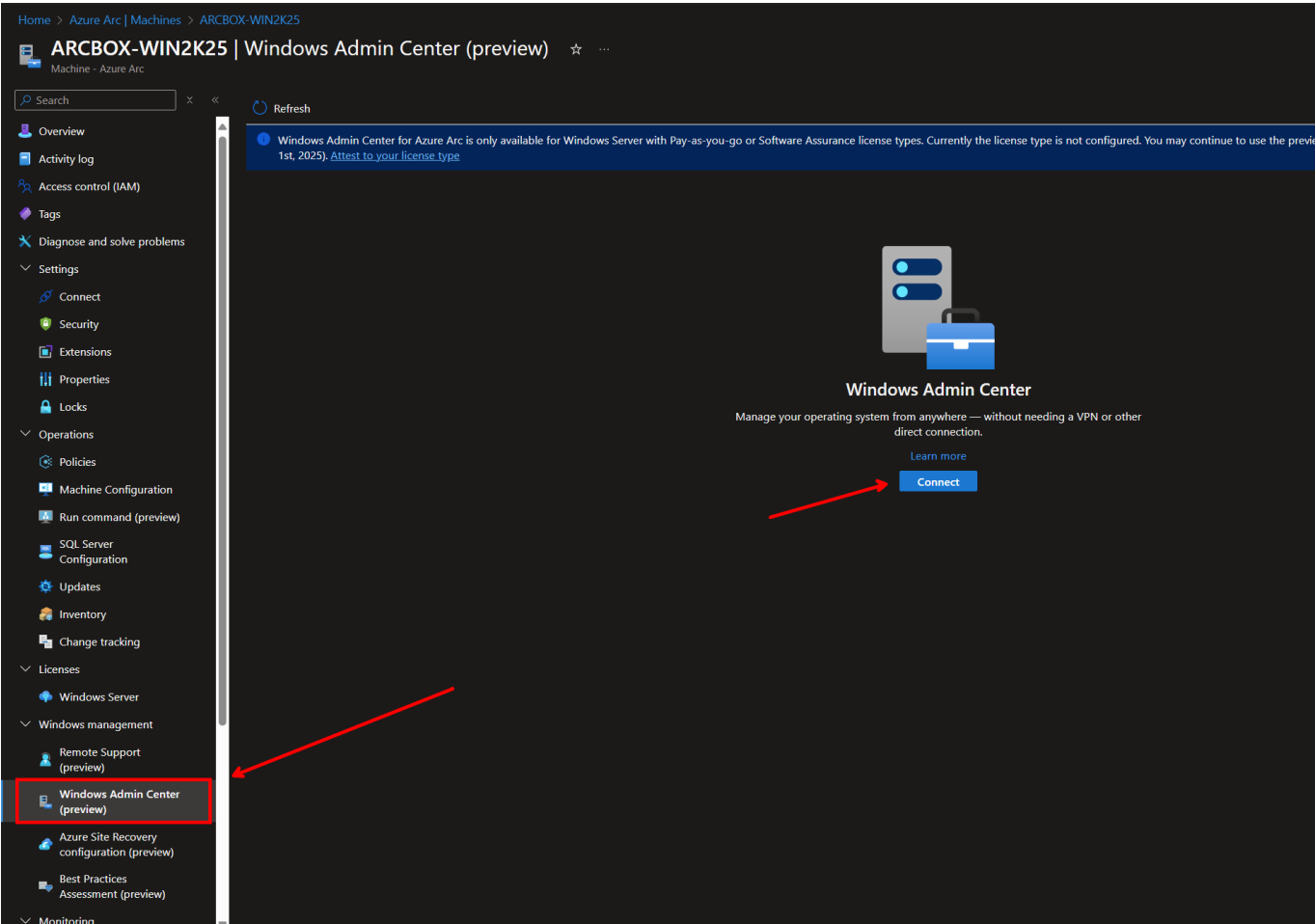
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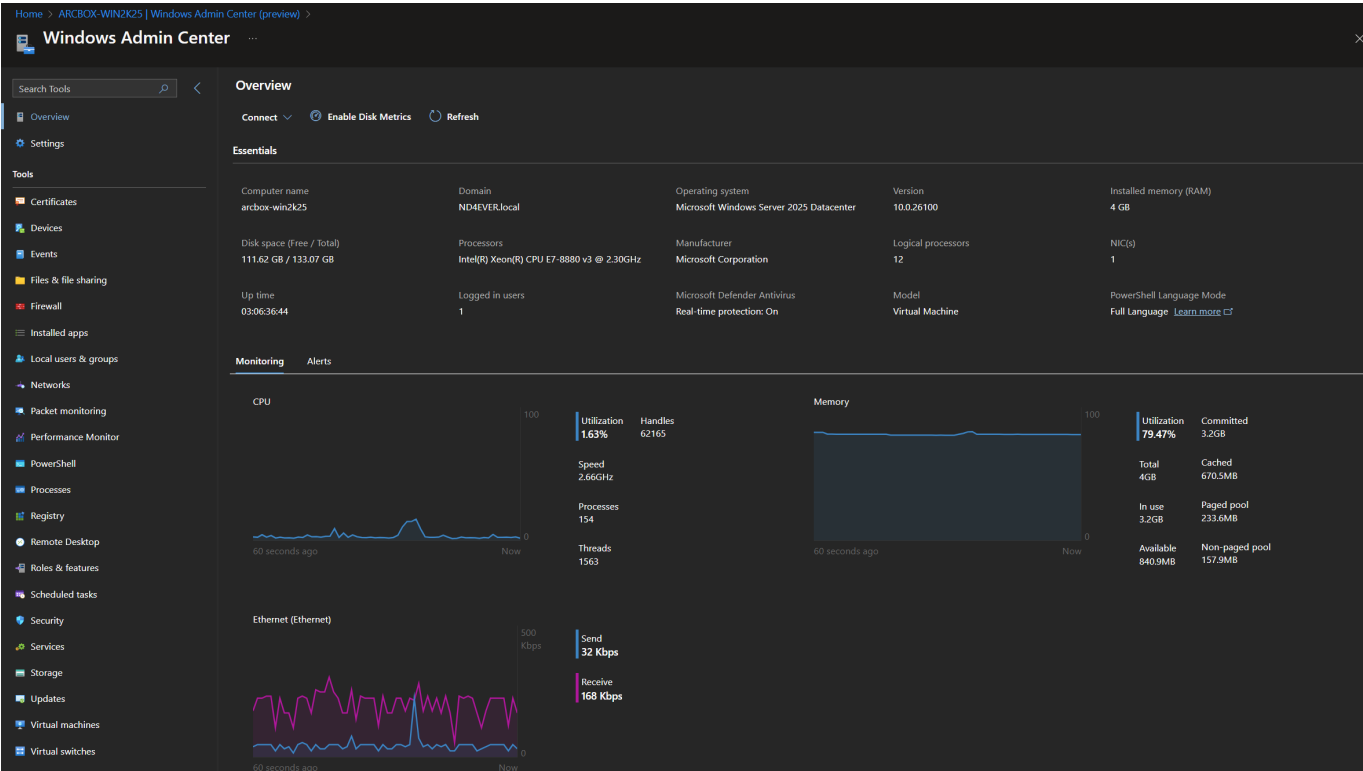
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Task 3: Connect and explore Windows Admin Center (preview)

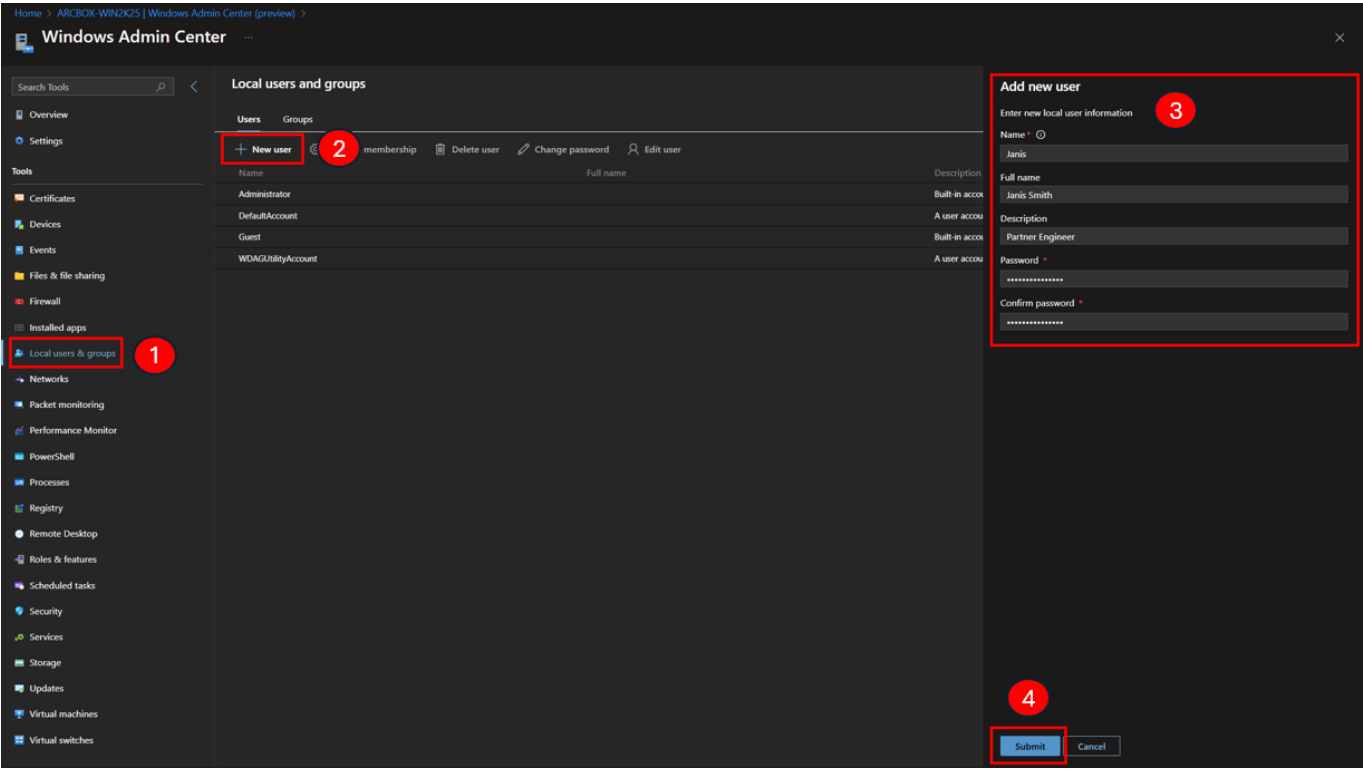
1. [] Once the installation is complete then you can connect to the Windows Admin Center.



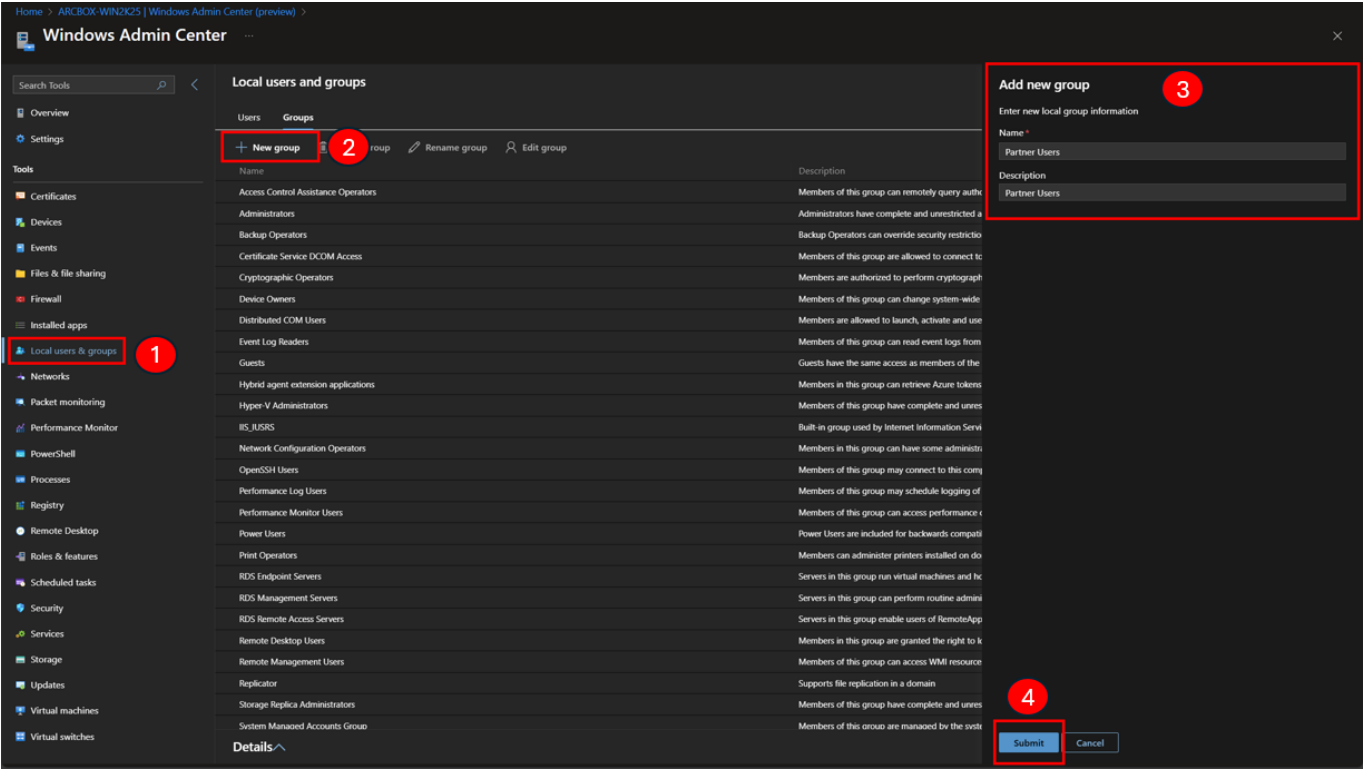
2. [] Start exploring the capabilities offered by the Windows Admin Center to manage your Arc-enabled Windows machine.



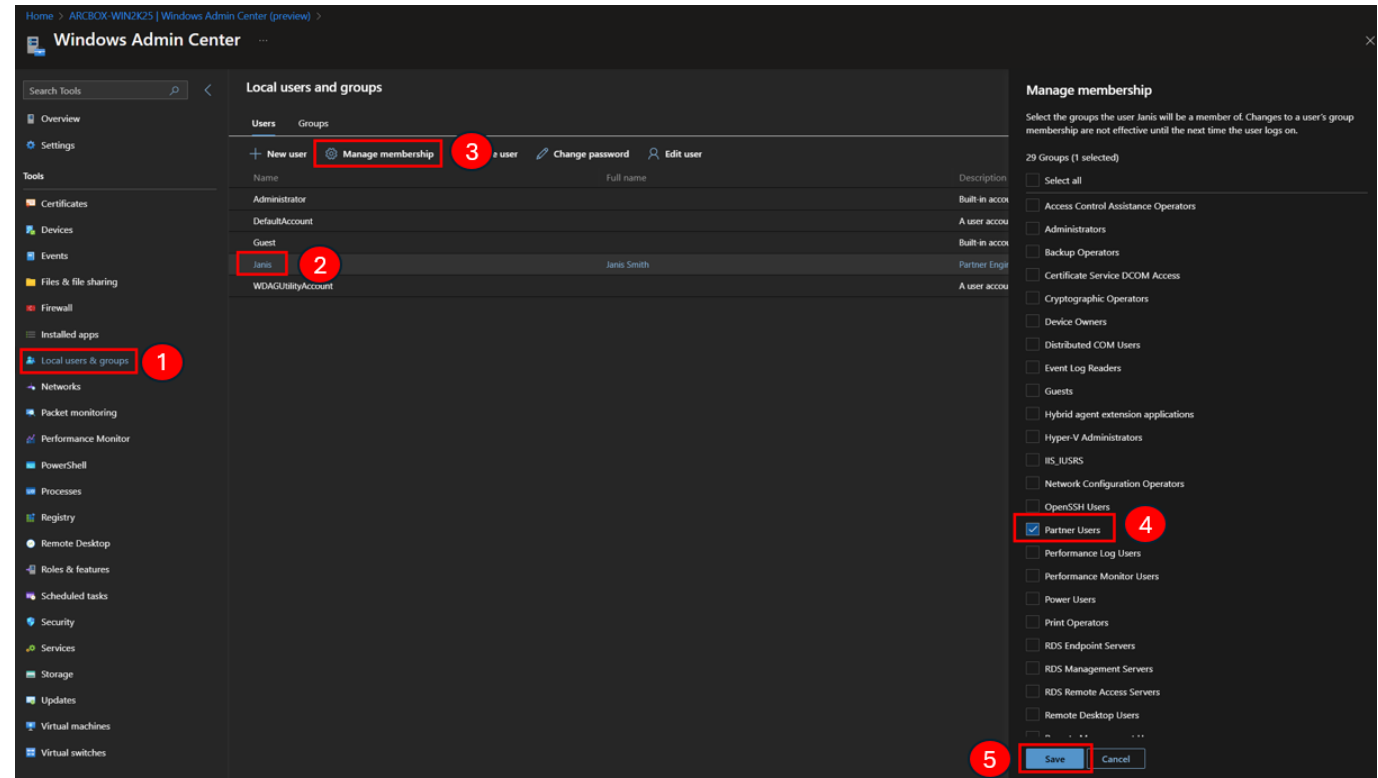
3. [] Let us use the Windows Admin Center to add a local user, a new group and assign the new user to the new group. From the left menu select "Local users & groups". Then from the "Users" tab click "New user". Enter the user details and click on "Submit". Verify that the user has been added.



4. [] Now select the "Groups" tab and click on "New Group". Enter the group details and click on "Submit". Verify that the group has been added.



5. [] Back to the "Users" tab, select the new user you have added, then click "Manage membership". Add the selected user to the new group and save.



Task 3 has been completed

Congratulations, you have completed all tasks in this lab

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