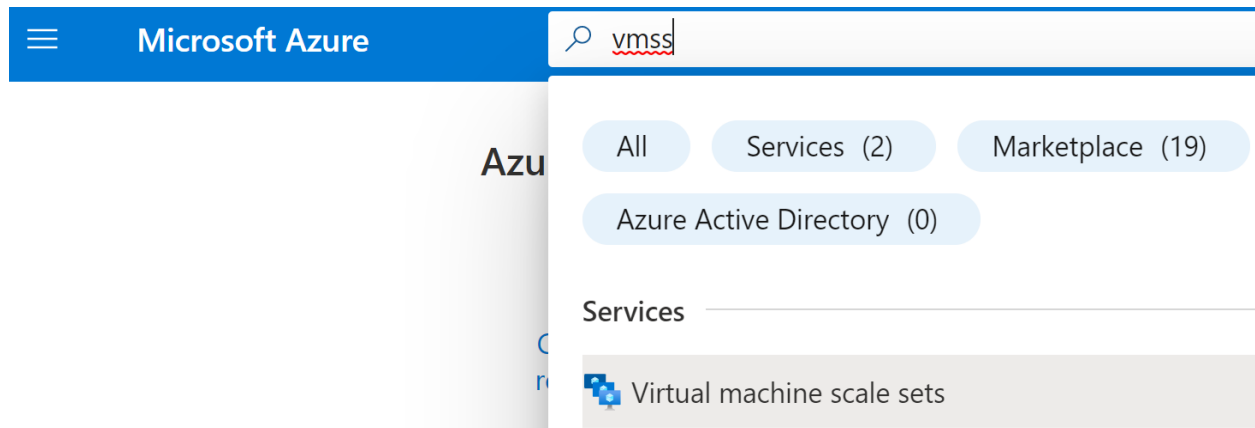


Steps to create a Hosted Build Agent and Pipeline

1. In the Azure Portal, click in the search bar, type vmss and then click Virtual machine scale sets option as shown below:



2. Click **Create** button

3. In the *Create a virtual machine scale set* page, select your subscription, the same resource group that you used in this lab, and under the *virtual machine scale set name*, type build-agent as shown below:

Basics Disks Networking Scaling Management Health Advanced Tags Review + create

Azure virtual machine scale sets let you create and manage a group of load balanced VMs. The number of VM instances can automatically increase or decrease in response to demand or a defined schedule. Scale sets provide high availability to your applications, and allow you to centrally manage, configure, and update a large number of VMs.
[Learn more about virtual machine scale sets](#)

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription *

Resource group * [Create new](#)

Scale set details

Virtual machine scale set name * ✓

Region *

Availability zone ⓘ

4. Leave all other options as is and only change the image, as shown below:

Instance details

Image * ⓘ

Windows Server 2022 Datacenter: Azure Edition - Gen2

[See all images](#) | [Configure VM generation](#)

VM architecture ⓘ

☐ Arm64

☒ x64

5. In the same page, change the user name and password for this VMSS and click **Review + create** button
6. In the next page you should see that all validation has passed and you can click **Create** button. The deployment will take some minutes to finish.
7. Once the deployment is finished, click **Go to resource** button.
8. In the build-agent page click Instances option in the left as shown below.

[Home](#) > [CreateVmss-MicrosoftWindowsServer.WindowsServer-2-20221005182612](#) | [Overview](#) > [build-agent](#)

build-agent | Instances ☆ ...
Virtual machine scale set

Search

Start Restart Stop Reimage Delete Upgrade Refresh

Search virtual machine instances

	Name	Computer name	Status	Pro
<input type="checkbox"/>	build-agent_0	build-age000000	Running	
<input type="checkbox"/>	build-agent_1	build-age000001	Running	

After you confirm the build-agent is running, open Azure ADO and follow the steps below:

1. In the main page, click on your project
2. In the bottom of left navigation page, click **Project settings** option.
3. In the left navigation page, under **Pipelines** section, click **Agent pools** option.

Pipelines

Agent pools

4. In the top corner of the right page, click Add pool button.
5. In the Add agent pool page, click the drop down list and select Azure virtual machine scale set as shown below:

6. Select the appropriate subscription and click Authorize button as shown below:

7. After the authorization is done, click on the virtual machine scale set drop down list and select *build-agent*.

8. Under the Name field, type: windows-build-agents and type 1 in the fields shown below:

Name:

windows-build-agents

Description (optional):

 [Markdown supported.](#)

Pool options:

- ☐ Automatically tear down virtual machines after every use
- ☐ Configure VMs to run interactive tests

Maximum number of virtual machines in the scale set



1

You can run 1 private project parallel jobs and unlimited public project parallel jobs. [Learn more.](#)

Number of agents to keep on standby






1

9. Click **Create** button.

10. In the Agent pools page you should see your new pool as shown the sample below:

Agent pools

Name	
	Azure Pipelines Azure Pipelines
	Default Azure Pipelines
	windows-build-agents yurid