

# Microsoft retiring Basic and Standard A-series virtual machines (VMs) | Due Date: August 31<sup>st</sup> 2024

## Virtual Machine A-Series

**On August 31st 2024, Microsoft will retire Basic and Standard A-series virtual machines (VMs) and therefore before that date you will need to act and resize your A-series VMs to Av2-series VMs.**

Resizing a virtual machine results in a restart. We recommend that you perform actions that result in a restart during off-peak business hours. In some cases, you must deallocate the VM prior to resizing. This can happen if the new size is not available on the hardware cluster that is currently hosting the VM.

The Av2-series VMs can be deployed on a variety of hardware types and processors. Av2-series run on the 3rd Generation Intel® Xeon® Platinum 8370C (Ice Lake), the Intel® Xeon® Platinum 8272CL (Cascade Lake), the Intel® Xeon® 8171M 2.1 GHz (Skylake), the Intel® Xeon® E5-2673 v4 2.3 GHz (Broadwell), or the Intel® Xeon® E5-2673 v3 2.4 GHz (Haswell) processors.

Av2-series VMs have CPU performance and memory configurations best suited for entry level workloads like development and test. The size is throttled to offer consistent processor performance for the running instance, regardless of the hardware it is deployed on.

To determine the physical hardware on which this size is deployed, query the virtual hardware from within the Virtual Machine. Some example use cases include development and test servers, low traffic web servers, small to medium databases, proof-of-concepts, and code repositories.

<https://learn.microsoft.com/en-us/azure/virtual-machines/av2-series>

## HOW TO RESIZE A VM

### Azure portal

1. Open the [Azure portal](#).
2. Type *virtual machines* in the search.
3. Under **Services**, select **Virtual machines**.
4. In the **Virtual machines** page, select the virtual machine you want to resize.
5. In the left menu, select **size**.
6. Pick a new Av2 size from the list of available sizes and select **Resize**.

### Azure PowerShell

1. Set the resource group and VM name variables. Replace the values with information of the VM you want to resize.  

```
$resourceGroup = "myResourceGroup"  
$vmName = "myVM"
```
2. List the VM sizes that are available on the hardware cluster where the VM is hosted.  

```
Get-AzVMSize -ResourceGroupName $resourceGroup -VMName $vmName
```
3. Resize the VM to the new size.  

```
$vm = Get-AzVM -ResourceGroupName $resourceGroup -VMName $vmName  
$vm.HardwareProfile.VmSize = "<newAv2VMsize>"  
Update-AzVM -VM $vm -ResourceGroupName $resourceGroup
```

If you have questions, ask community experts in [Microsoft Q&A](#). If you have a support plan and need technical help, create a support request or contact your local TD SYNEX BDM.