

Unit 5

Resize virtual machine disks

Expand a disk using the Azure CLI

```
6516aa053294:~# az vm deallocate --resource-group panchenko-serhii_group --name panchenko-serhii-vm_3
Running ..
```

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6516aa053294:~# az vm deallocate --resource-group panchenko-serhii_group --name panchenko-serhii-vm_3
6516aa053294:~#
```

Далі, щоб змінити розмір диска, я використовую команду `az disk update`, передаючи назву диска, назву групи ресурсів та новий запитаний розмір. Коли я розширюю керований диск, вказаний розмір відображається на найближчий розмір керованого диска.

```
Read more about the command in reference docs
6516aa053294:~# az disk list --resource-group panchenko-serhii_group
[
  {
    "LastOwnershipUpdateTime": "2024-02-25T00:14:21.6109287+00:00",
    "creationData": {
      "createOption": "FromImage",
      "imageReference": {
        "id": "/Subscriptions/7458e143-5356-493e-8b8b-060244d15bdb/Providers/Microsoft.Compute/Locations/eastus/Publishers/canonical/ArtifactTypes/VMImage/Offers/ubuntuserver/Skus/16.04-lts/Versions/16.04.202109280"
      }
    },
    "diskIOPSReadWrite": 120,
    "diskMBpsReadWrite": 25,
    "diskSizeBytes": 32213303296,
    "diskSizeGB": 30,
    "diskState": "Reserved",
    "encryption": {
      "type": "EncryptionAtRestWithPlatformKey"
    },
    "hyperVGeneration": "V1",
    "id": "/subscriptions/83e76598-1d8e-490d-92ea-741241e0e33e/resourceGroups/panchenko-serhii_group/providers/Microsoft.Compute/disks/panchenko-serhii-vm_3_disk1_6e174289534748a79b8ee0547bb20454",
    "location": "eastus",
    "managedBy": "/subscriptions/83e76598-1d8e-490d-92ea-741241e0e33e/resourceGroups/panchenko-serhii_group/providers/Microsoft.Compute/virtualMachines/panchenko-serhii-vm_3",
    "name": "panchenko-serhii-vm_3_disk1_6e174289534748a79b8ee0547bb20454",
    "networkAccessPolicy": "AllowAll",
    "osType": "Linux",
    "provisioningState": "Succeeded",
    "publicNetworkAccess": "Enabled",
```

```

6516aa053294:~# az disk update --resource-group panchenko-serhii_group --name panchenko-serhii-vm_3_disk1_6e174289534748a79b8ee0547bb20454 --size-gb 200
{
  "burstingEnabled": null,
  "burstingEnabledTime": null,
  "completionPercent": null,
  "creationData": {
    "createOption": "FromImage",
    "elasticSanResourceId": null,
    "galleryImageReference": null,
    "imageReference": {
      "communityGalleryImageId": null,
      "id": "/Subscriptions/7458e143-5356-493e-8b8b-060244d15bdb/Providers/Microsoft.Compute/Locations/eastus/Publishers/canonical/ArtifactTypes/VMImage/Offers/ubuntuerver/Skus/16.04-lts/Versions/16.04.202109280",
      "lun": null,
      "sharedGalleryImageId": null
    },
    "logicalSectorSize": null,
    "performancePlus": null,
    "securityDataUri": null,
    "sourceResourceId": null,
    "sourceUniqueId": null,
    "sourceUri": null,
    "storageAccountId": null,
    "uploadSizeBytes": null
  },
  "dataAccessAuthMode": null,
  "diskAccessId": null,
  "diskIopsReadOnly": null,
  "diskIopsReadWrite": 1100,

```

Нарешті, я запускаю `az vm start`, щоб перезапустити ВМ.

```

}
6516aa053294:~# az vm start --resource-group panchenko-serhii_group --name panchenko-serhii-vm_3
[+] Running ..

```

```

}
6516aa053294:~# az vm start --resource-group panchenko-serhii_group --name panchenko-serhii-vm_3
6516aa053294:~# [

```


