

az disk

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Manage Azure Managed Disks.

Azure Virtual Machines use disks as a place to store an operating system, applications, and data. All Azure virtual machines have at least two disks: An operating system disk, and a temporary disk. The operating system disk is created from an image, and both the operating system disk and the image are actually virtual hard disks (VHDs) stored in an Azure storage account. Virtual machines also can have one or more data disks, that are also stored as VHDs. Azure Unmanaged Data Disks have a maximum size of 4095 GB. To use disks larger than 4095 GB use [Azure Managed Disks](#).

Name	Description	Type	Status
az disk config	Manage disk config.	Core	GA
az disk config update	Update disk config.	Core	GA
az disk create	Create a managed disk.	Core	GA
az disk delete	Delete a managed disk.	Core	GA
az disk grant-access	Grant a resource access to a managed disk.	Core	GA

Name	Description	Type	Status
az disk list	List managed disks.	Core	GA
az disk revoke-access	Revoke a resource's read access to a managed disk.	Core	GA
az disk show	Get information about a disk.	Core	GA
az disk update	Update a managed disk.	Core	GA
az disk wait	Place the CLI in a waiting state until a condition is met.	Core	GA

Create a managed disk.

```

az disk create --name
    --resource-group
    [--accelerated-network {false, true}]
    [--action-on-disk-delay {AutomaticReattach}]
    [--architecture {Arm64, x64}]
    [--data-access-auth-mode {AzureActiveDirectory, None}]
    [--disk-access]
    [--disk-encryption-set]
    [--disk-iops-read-only]
    [--disk-iops-read-write]
    [--disk-mbps-read-only]
    [--disk-mbps-read-write]
    [--edge-zone]
    [--enable-bursting {false, true}]
    [--encryption-type {EncryptionAtRestWithCustomerKey, EncryptionAtRestWithPlatformAndCustomerKeys,
    [--gallery-image-reference]
    [--gallery-image-reference-lun]
    [--hyper-v-generation {V1, V2}]
    [--image-reference]
    [--image-reference-lun]
    [--location]
    [--logical-sector-size]
    [--max-shares]
    [--network-access-policy {AllowAll, AllowPrivate, DenyAll}]
    [--no-wait]
    [--optimized-for-frequent-attach {false, true}]

```

```
[--os-type {Linux, Windows}]
[--performance-plus {false, true}]
[--public-network-access {Disabled, Enabled}]
[--secure-vm-disk-encryption-set]
[--security-data-uri]
[--security-metadata-uri]
[--security-option --supported-security-option {TrustedLaunchAndConfidentialVMSupported, TrustedL
[--security-type {ConfidentialVM_DiskEncryptedWithCustomerKey, ConfidentialVM_DiskEncryptedWithP
[--size-gb]
[--sku {PremiumV2_LRS, Premium_LRS, Premium_ZRS, StandardSSD_LRS, StandardSSD_ZRS, Standard_LRS,
[--source]
[--source-storage-account-id]
[--support-hibernation {false, true}]
[--tags]
[--tier]
[--upload-size-bytes]
[--upload-type {Upload, UploadWithSecurityData}]
[--zone]
```

Create a managed disk by importing from a blob uri.

```
az disk create -g MyResourceGroup -n MyDisk --source https://vhds1234.blob.core.windows.net/vhds/osdisk1234.vhd
```

Create an empty managed disk.

```
az disk create -g MyResourceGroup -n MyDisk --size-gb 10
```

Create an empty managed disk with bursting enabled.

```
az disk create -g MyResourceGroup -n MyDisk --size-gb 1024 --location centraluseuap --enable-bursting
```

Create a managed disk by copying an existing disk or snapshot.

```
az disk create -g MyResourceGroup -n MyDisk2 --source MyDisk
```

Create a disk in an availability zone in the region of "East US 2"

```
az disk create -g MyResourceGroup -n MyDisk --size-gb 10 --location eastus2 --zone 1
```

Create a disk from image.

```
az disk create -g MyResourceGroup -n MyDisk --image-reference Canonical:0001-com-ubuntu-server-jammy:22_04-lts-
```

Create a disk from the OS Disk of a compute gallery image version

```
az disk create -g MyResourceGroup -n MyDisk --gallery-image-reference /subscriptions/00000000-0000-0000-0000-000000000000
```

Create a disk from the OS Disk of the latest version in a compute gallery image

```
az disk create -g MyResourceGroup -n MyDisk --gallery-image-reference /subscriptions/00000000-0000-0000-0000-000000000000
```

Create a disk from the OS Disk of a shared gallery image version

```
az disk create -g MyResourceGroup -n MyDisk --gallery-image-reference /SharedGalleries/sharedGalleryUniqueName,
```

Create a disk from the OS Disk of a community gallery image version

```
az disk create -g MyResourceGroup -n MyDisk --gallery-image-reference /CommunityGalleries/communityGalleryPubl:
```

Create a disk from the Data Disk of a gallery image

```
az disk create -g MyResourceGroup -n MyDisk --gallery-image-reference /subscriptions/00000000-0000-0000-0000-000000000000
```

Create a disk with total number of IOPS and total throughput (MBps) limitation.

```
az disk create -g MyResourceGroup -n MyDisk --size-gb 10 --sku UltraSSD_LRS --disk-iops-read-only 200 --disk-mb
```

Create a disk and specify maximum number of VMs that can attach to the disk at the same time.

```
az disk create -g MyResourceGroup -n MyDisk --size-gb 256 --max-shares 2 -l centraluseuap
```

Create a disk and associate it with a disk access resource.

```
az disk create -g MyResourceGroup -n MyDisk --size-gb 10 --network-access-policy AllowPrivate --disk-access MyI
```

Create a disk from the blob URI for VM guest state VHD.

```
az disk create -g MyResourceGroup -n MyDisk --size-gb 10 --security-data-uri GuestStateDiskVhdUri --security-ty
```

Create a standard disk for uploading blobs.

```
az disk create -g MyResourceGroup -n MyDisk --upload-size-bytes 20972032 --upload-type Upload
```

Create an OS disk for uploading along with VM guest state.

```
az disk create -g MyResourceGroup -n MyDisk --upload-size-bytes 20972032 --upload-type UploadWithSecurityData
```

`--name -n`

The name of the managed disk.

`--resource-group -g`

Name of resource group. You can configure the default group using `az configure --defaults group=<name>`.

The following parameters are optional, but depending on the context, one or more might become required for the command to execute successfully.

`--accelerated-network`

Preview

Customers can set on Managed Disks or Snapshots to enable the accelerated networking if the OS disk image support.

Property	Value
Accepted values:	false, true

`--action-on-disk-delay`

Determine on how to handle disks with slow I/O.

Property	Value
Accepted values:	AutomaticReattach

`--architecture`

CPU architecture.

Property	Value
Accepted values:	Arm64, x64

`--data-access-auth-mode`

Specify the auth mode when exporting or uploading to a disk or snapshot.

Property	Value
Accepted values:	AzureActiveDirectory, None

--disk-access

Name or ID of the disk access resource for using private endpoints on disks.

--disk-encryption-set

Name or ID of disk encryption set that is used to encrypt the disk.

--disk-iops-read-only

The total number of IOPS that will be allowed across all VMs mounting the shared disk as ReadOnly. One operation can transfer between 4k and 256k bytes.

--disk-iops-read-write

The number of IOPS allowed for this disk. Only settable for UltraSSD disks. One operation can transfer between 4k and 256k bytes.

--disk-mbps-read-only

The total throughput (MBps) that will be allowed across all VMs mounting the shared disk as ReadOnly. MBps means millions of bytes per second - MB here uses the ISO notation, of powers of 10.

--disk-mbps-read-write

The bandwidth allowed for this disk. Only settable for UltraSSD disks. MBps means millions of bytes per second with ISO notation of powers of 10.

--edge-zone

The name of edge zone.

--enable-bursting

Enable on-demand bursting beyond the provisioned performance target of the disk. On-demand bursting is disabled by default, and it does not apply to Ultra disks.

Property	Value
Accepted values:	false, true

--encryption-type

Encryption type. EncryptionAtRestWithPlatformKey: Disk is encrypted with XStore managed key at rest. It is the default encryption type. EncryptionAtRestWithCustomerKey: Disk is encrypted with Customer managed key at

rest.

Property	Value
Accepted values:	EncryptionAtRestWithCustomerKey, EncryptionAtRestWithPlatformAndCustomerKeys, EncryptionAtRestWithPlatformKey

--gallery-image-reference

ID of the Compute, Shared or Community Gallery image version from which to create a disk. For details about valid format, please refer to the help sample.

--gallery-image-reference-lun

If the disk is created from an image's data disk, this is an index that indicates which of the data disks in the image to use. For OS disks, this field is null.

--hyper-v-generation

The hypervisor generation of the Virtual Machine. Applicable to OS disks only.

Property	Value
Accepted values:	V1, V2

--image-reference

ID or URN (publisher:offer:sku:version) of the image from which to create a disk.

--image-reference-lun

If the disk is created from an image's data disk, this is an index that indicates which of the data disks in the image to use. For OS disks, this field is null.

--location -l

Location. Values from: `az account list-locations` . You can configure the default location using `az configure --defaults location=<location>` . If location is not specified and no default location specified, location will be automatically set as same as the resource group.

--logical-sector-size

Logical sector size in bytes for Ultra disks. Supported values are 512 ad 4096. 4096 is the default.

--max-shares

The maximum number of VMs that can attach to the disk at the same time. Value greater than one indicates a disk that can be mounted on multiple VMs at the same time.

--network-access-policy

Policy for accessing the disk via network.

Property	Value
Accepted values:	AllowAll, AllowPrivate, DenyAll

--no-wait

Do not wait for the long-running operation to finish.

Property	Value
Default value:	False

--optimized-for-frequent-attach

Setting this property to true improves reliability and performance of data disks that are frequently (more than 5 times a day) by detached from one virtual machine and attached to another. This property should not be set for disks that are not detached and attached frequently as it causes the disks to not align with the fault domain of the virtual machine.

Property	Value
Accepted values:	false, true

--os-type

The Operating System type of the Disk.

Property	Value
Accepted values:	Linux, Windows

--performance-plus

Set this flag to true to get a boost on the performance target of the disk deployed. This flag can only be set on disk creation time and cannot be disabled after enabled.

Property	Value
Accepted values:	false, true

--public-network-access

Preview

Customers can set on Managed Disks or Snapshots to control the export policy on the disk.

Property	Value
Accepted values:	Disabled, Enabled

--secure-vm-disk-encryption-set

Name or ID of disk encryption set created with ConfidentialVmEncryptedWithCustomerKey encryption type.

--security-data-uri

Please specify the blob URI of VHD to be imported into VM guest state.

--security-metadata-uri

Specify the blob URI to be imported into VM metadata for Confidential VM.

--security-option --supported-security-option

Refer to the security capability of the disk supported to create a Trusted launch or Confidential VM.

Property	Value
Accepted values:	TrustedLaunchAndConfidentialVMSupported, TrustedLaunchSupported

--security-type

The security type of the VM. Applicable for OS disks only.

Property	Value
Accepted values:	ConfidentialVM_DiskEncryptedWithCustomerKey, ConfidentialVM_DiskEncryptedWithPlatformKey, ConfidentialVM_VMGuestStateOnlyEncryptedWithPlatformKey, Standard, TrustedLaunch

--size-gb -z

Size in GB. Max size: 4095 GB (certain preview disks can be larger).

--sku

Underlying storage SKU.

Property	Value
Default value:	Premium_LRS

Property	Value
Accepted values:	PremiumV2_LRS, Premium_LRS, Premium_ZRS, StandardSSD_LRS, StandardSSD_ZRS, Standard_LRS, UltraSSD_LRS

--source

Source to create the disk/snapshot from, including unmanaged blob uri, managed disk id or name, or snapshot id or name.

--source-storage-account-id

Used when source blob is in a different subscription.

--support-hibernation

Indicate the OS on a disk supports hibernation.

Property	Value
Accepted values:	false, true

--tags

Space-separated tags: key[=value] [key[=value] ...]. Use "" to clear existing tags.

--tier

--upload-size-bytes

The size (in bytes) of the contents of the upload including the VHD footer. Min value: 20972032. Max value: 35183298347520. This parameter is required if --upload-type is specified.

--upload-type

Create the disk for upload scenario. 'Upload' is for Standard disk only upload. 'UploadWithSecurityData' is for OS Disk upload along with VM Guest State. Please note the 'UploadWithSecurityData' is not valid for data disk upload, it only to be used for OS Disk upload at present.

Property	Value
Accepted values:	Upload, UploadWithSecurityData

--zone

Availability zone into which to provision the resource.

► Global Parameters

Delete a managed disk.

```
az disk delete [--disk-name --name]
               [--ids]
               [--no-wait {0, 1, f, false, n, no, t, true, y, yes}]
               [--resource-group]
               [--subscription]
               [--yes]
```

Delete a managed disk.

```
az disk delete --name MyManagedDisk --resource-group MyResourceGroup
```

The following parameters are optional, but depending on the context, one or more might become required for the command to execute successfully.

`--disk-name --name -n`

The name of the managed disk that is being created. The name can't be changed after the disk is created. Supported characters for the name are a-z, A-Z, 0-9, `_` and `-`. The maximum name length is 80 characters.

Property	Value
Parameter group:	Resource Id Arguments

`--ids`

One or more resource IDs (space-delimited). It should be a complete resource ID containing all information of 'Resource Id' arguments. You should provide either `--ids` or other 'Resource Id' arguments.

Property	Value
Parameter group:	Resource Id Arguments

`--no-wait`

Do not wait for the long-running operation to finish.

Property	Value
Accepted values:	0, 1, f, false, n, no, t, true, y, yes

`--resource-group -g`

Name of resource group. You can configure the default group using `az configure --defaults group=<name>`.

Property	Value
Parameter group:	Resource Id Arguments

--subscription

Name or ID of subscription. You can configure the default subscription using `az account set -s NAME_OR_ID`.

Property	Value
Parameter group:	Resource Id Arguments

--yes -y

Do not prompt for confirmation.

Property	Value
Default value:	False

► Global Parameters

Grant a resource access to a managed disk.

```
az disk grant-access --duration-in-seconds
                        [--access --access-level {None, Read, Write}]
                        [--disk-name --name]
                        [--ids]
                        [--no-wait {0, 1, f, false, n, no, t, true, y, yes}]
                        [--resource-group]
                        [--secure-vm-guest-state-sas {0, 1, f, false, n, no, t, true, y, yes}]
                        [--subscription]
```

Grant a resource read access to a managed disk.

```
az disk grant-access --access-level Read --duration-in-seconds 3600 --name MyManagedDisk --resource-group MyRe
```

Grant a resource read access to a disk to generate access SAS and security data access SAS

```
az disk grant-access --access-level Read --duration-in-seconds 3600 --name MyDisk --resource-group MyResourceG
```

--duration-in-seconds

Time duration in seconds until the SAS access expires.

Property	Value
Parameter group:	GrantAccessData Arguments

The following parameters are optional, but depending on the context, one or more might become required for the command to execute successfully.

--access --access-level

Access level.

Property	Value
Parameter group:	GrantAccessData Arguments
Default value:	Read
Accepted values:	None, Read, Write

--disk-name --name -n

The name of the managed disk that is being created. The name can't be changed after the disk is created. Supported characters for the name are a-z, A-Z, 0-9, _ and -. The maximum name length is 80 characters.

Property	Value
Parameter group:	Resource Id Arguments

--ids

One or more resource IDs (space-delimited). It should be a complete resource ID containing all information of 'Resource Id' arguments. You should provide either --ids or other 'Resource Id' arguments.

Property	Value
Parameter group:	Resource Id Arguments

--no-wait

Do not wait for the long-running operation to finish.

Property	Value
Accepted values:	0, 1, f, false, n, no, t, true, y, yes

--resource-group -g

Name of resource group. You can configure the default group using `az configure --defaults group=<name>`.

Property	Value
Parameter group:	Resource Id Arguments

--secure-vm-guest-state-sas -s

Get SAS on managed disk with VM guest state. It will be used by default when the create option of disk is 'secureOSUpload'.

Property	Value
Parameter group:	GrantAccessData Arguments
Accepted values:	0, 1, f, false, n, no, t, true, y, yes

--subscription

Name or ID of subscription. You can configure the default subscription using `az account set -s NAME_OR_ID`.

Property	Value
Parameter group:	Resource Id Arguments

► Global Parameters

List managed disks.

```
az disk list --resource-group
                [--max-items]
                [--next-token]
```

--resource-group -g

Name of resource group. You can configure the default group using `az configure --defaults group=<name>`.

The following parameters are optional, but depending on the context, one or more might become required for the command to execute successfully.

--max-items

Total number of items to return in the command's output. If the total number of items available is more than the value specified, a token is provided in the command's output. To resume pagination, provide the token value in `--next-token` argument of a subsequent command.

Property	Value
Parameter group:	Pagination Arguments

--next-token

Token to specify where to start paginating. This is the token value from a previously truncated response.

Property	Value
Parameter group:	Pagination Arguments

► Global Parameters

Revoke a resource's read access to a managed disk.

```
az disk revoke-access [--disk-name --name]
                    [--ids]
                    [--no-wait {0, 1, f, false, n, no, t, true, y, yes}]
                    [--resource-group]
                    [--subscription]
```

Revoke a resource's read access to a managed disk.

```
az disk revoke-access --ids $id
```

Revoke a resource's read access to a managed disk.

```
az disk revoke-access --name MyManagedDisk --resource-group MyResourceGroup
```

The following parameters are optional, but depending on the context, one or more might become required for the command to execute successfully.

--disk-name --name -n

The name of the managed disk that is being created. The name can't be changed after the disk is created.

Supported characters for the name are a-z, A-Z, 0-9, _ and -. The maximum name length is 80 characters.

Property	Value
Parameter group:	Resource Id Arguments

--ids

One or more resource IDs (space-delimited). It should be a complete resource ID containing all information of 'Resource Id' arguments. You should provide either --ids or other 'Resource Id' arguments.

Property	Value
Parameter group:	Resource Id Arguments

--no-wait

Do not wait for the long-running operation to finish.

Property	Value
Accepted values:	0, 1, f, false, n, no, t, true, y, yes

--resource-group -g

Name of resource group. You can configure the default group using `az configure --defaults group=<name>`.

Property	Value
Parameter group:	Resource Id Arguments

--subscription

Name or ID of subscription. You can configure the default subscription using `az account set -s NAME_OR_ID`.

Property	Value
Parameter group:	Resource Id Arguments

► Global Parameters

Get information about a disk.

```
az disk show [--disk-name --name]
             [--ids]
             [--resource-group]
             [--subscription]
```

The following parameters are optional, but depending on the context, one or more might become required for the command to execute successfully.

--disk-name --name -n

The name of the managed disk that is being created. The name can't be changed after the disk is created. Supported characters for the name are a-z, A-Z, 0-9, _ and -. The maximum name length is 80 characters.

Property	Value
Parameter group:	Resource Id Arguments

--ids

One or more resource IDs (space-delimited). It should be a complete resource ID containing all information of 'Resource Id' arguments. You should provide either --ids or other 'Resource Id' arguments.

Property	Value
Parameter group:	Resource Id Arguments

--resource-group -g

Name of resource group. You can configure the default group using `az configure --defaults group=<name>`.

Property	Value
Parameter group:	Resource Id Arguments

--subscription

Name or ID of subscription. You can configure the default subscription using `az account set -s NAME_OR_ID`.

Property	Value
Parameter group:	Resource Id Arguments

► Global Parameters

Update a managed disk.

```
az disk update [--accelerated-network {0, 1, f, false, n, no, t, true, y, yes}]
               [--action-on-disk-delay {AutomaticReattach, None}]
               [--add]
               [--architecture {Arm64, x64}]
               [--bursting-enabled --enable-bursting {0, 1, f, false, n, no, t, true, y, yes}]
               [--data-access-auth-mode {AzureActiveDirectory, None}]
               [--disk-access]
               [--disk-encryption-set]
               [--disk-iops-read-only]
               [--disk-iops-read-write]
               [--disk-mbps-read-only]
               [--disk-mbps-read-write]
               [--disk-name --name]
               [--disk-size-gb --size-gb]
               [--encryption-type {EncryptionAtRestWithCustomerKey, EncryptionAtRestWithPlatformAndCustomerKeys,
               EncryptionAtRestWithPlatformAndCustomerKeysAndCustomerKey}]
               [--force-string {0, 1, f, false, n, no, t, true, y, yes}]
               [--ids]
               [--max-shares]
               [--network-access-policy {AllowAll, AllowPrivate, DenyAll}]
               [--no-wait {0, 1, f, false, n, no, t, true, y, yes}]
               [--public-network-access {Disabled, Enabled}]
```

```
[--remove]
[--resource-group]
[--security-option --supported-security-option {TrustedLaunchAndConfidentialVMSupported, TrustedL
[--set]
[--sku {PremiumV2_LRS, Premium_LRS, Premium_ZRS, StandardSSD_LRS, StandardSSD_ZRS, Standard_LRS,
[--subscription]
```

Update a managed disk and associate it with a disk access resource.

```
az disk update --name MyManagedDisk --resource-group MyResourceGroup --network-access-policy AllowPrivate --dis
```

Update a managed disk.

```
az disk update --name MyManagedDisk --resource-group MyResourceGroup --size-gb 20
```

The following parameters are optional, but depending on the context, one or more might become required for the command to execute successfully.

--accelerated-network

Preview

Customers can set on Managed Disks or Snapshots to enable the accelerated networking if the OS disk image support.

Property	Value
Parameter group:	SupportedCapabilities Arguments
Accepted values:	0, 1, f, false, n, no, t, true, y, yes

--action-on-disk-delay

Determine on how to handle disks with slow I/O.

Property	Value
Parameter group:	AvailabilityPolicy Arguments
Accepted values:	AutomaticReattach, None

--add

Add an object to a list of objects by specifying a path and key value pairs. Example: `--add property.listProperty <key=value, string or JSON string> .`

Property	Value
Parameter group:	Generic Update Arguments

--architecture

CPU architecture supported by an OS disk.

Property	Value
Parameter group:	SupportedCapabilities Arguments
Accepted values:	Arm64, x64

--bursting-enabled --enable-bursting

Enable on-demand bursting beyond the provisioned performance target of the disk. On-demand bursting is disabled by default, and it does not apply to Ultra disks.

Property	Value
Parameter group:	Properties Arguments
Accepted values:	0, 1, f, false, n, no, t, true, y, yes

--data-access-auth-mode

Specify the auth mode when exporting or uploading to a disk or snapshot.

Property	Value
Parameter group:	Properties Arguments
Accepted values:	AzureActiveDirectory, None

--disk-access

Name or ID of the disk access resource for using private endpoints on disks.

--disk-encryption-set

Name or ID of disk encryption set that is used to encrypt the disk.

--disk-iops-read-only

The total number of IOPS that will be allowed across all VMs mounting the shared disk as ReadOnly. One operation can transfer between 4k and 256k bytes.

Property	Value
Parameter group:	Properties Arguments

--disk-iops-read-write

The number of IOPS allowed for this disk; only settable for UltraSSD disks. One operation can transfer between 4k and 256k bytes.

Property	Value
Parameter group:	Properties Arguments

--disk-mbps-read-only

The total throughput (MBps) that will be allowed across all VMs mounting the shared disk as ReadOnly. MBps means millions of bytes per second - MB here uses the ISO notation, of powers of 10.

Property	Value
Parameter group:	Properties Arguments

--disk-mbps-read-write

The bandwidth allowed for this disk; only settable for UltraSSD disks. MBps means millions of bytes per second - MB here uses the ISO notation, of powers of 10.

Property	Value
Parameter group:	Properties Arguments

--disk-name --name -n

The name of the managed disk that is being created. The name can't be changed after the disk is created. Supported characters for the name are a-z, A-Z, 0-9, _ and -. The maximum name length is 80 characters.

Property	Value
Parameter group:	Resource Id Arguments

--disk-size-gb --size-gb -z

Size in GB. Max size: 4095 GB (certain preview disks can be larger).

Property	Value
Parameter group:	Properties Arguments

--encryption-type

Encryption type.

Property	Value
Parameter group:	Encryption Arguments
Accepted values:	EncryptionAtRestWithCustomerKey, EncryptionAtRestWithPlatformAndCustomerKeys, EncryptionAtRestWithPlatformKey

--force-string

When using 'set' or 'add', preserve string literals instead of attempting to convert to JSON.

Property	Value
Parameter group:	Generic Update Arguments
Accepted values:	0, 1, f, false, n, no, t, true, y, yes

--ids

One or more resource IDs (space-delimited). It should be a complete resource ID containing all information of 'Resource Id' arguments. You should provide either --ids or other 'Resource Id' arguments.

Property	Value
Parameter group:	Resource Id Arguments

--max-shares

The maximum number of VMs that can attach to the disk at the same time. Value greater than one indicates a disk that can be mounted on multiple VMs at the same time.

Property	Value
Parameter group:	Properties Arguments

--network-access-policy

Policy for accessing the disk via network.

Property	Value
Parameter group:	Properties Arguments

Property	Value
Accepted values:	AllowAll, AllowPrivate, DenyAll

`--no-wait`

Do not wait for the long-running operation to finish.

Property	Value
Accepted values:	0, 1, f, false, n, no, t, true, y, yes

`--public-network-access`

Preview

Customers can set on Managed Disks or Snapshots to control the export policy on the disk.

Property	Value
Parameter group:	Properties Arguments
Accepted values:	Disabled, Enabled

`--remove`

Remove a property or an element from a list. Example: `--remove property.list <indexToRemove>` OR `--remove propertyToRemove` .

Property	Value
Parameter group:	Generic Update Arguments

`--resource-group -g`

Name of resource group. You can configure the default group using `az configure --defaults group=<name>` .

Property	Value
Parameter group:	Resource Id Arguments

`--security-option --supported-security-option`

Refer to the security capability of the disk supported to create a Trusted launch or Confidential VM.

Property	Value
Parameter group:	SupportedCapabilities Arguments
Accepted values:	TrustedLaunchAndConfidentialVMSupported, TrustedLaunchSupported

--set

Update an object by specifying a property path and value to set. Example: `--set property1.property2=<value>` .

Property	Value
Parameter group:	Generic Update Arguments

--sku

Underlying storage SKU.

Property	Value
Accepted values:	PremiumV2_LRS, Premium_LRS, Premium_ZRS, StandardSSD_LRS, StandardSSD_ZRS, Standard_LRS, UltraSSD_LRS

--subscription

Name or ID of subscription. You can configure the default subscription using `az account set -s NAME_OR_ID` .

Property	Value
Parameter group:	Resource Id Arguments

► Global Parameters

Place the CLI in a waiting state until a condition is met.

```

az disk wait [--created]
              [--custom]
              [--deleted]
              [--disk-name --name]
              [--exists]
              [--ids]
              [--interval]
              [--resource-group]
              [--subscription]
              [--timeout]
              [--updated]
    
```

The following parameters are optional, but depending on the context, one or more might become required for the command to execute successfully.

--created

Wait until created with 'provisioningState' at 'Succeeded'.

Property	Value
Parameter group:	Wait Condition Arguments
Default value:	False

--custom

Wait until the condition satisfies a custom JMESPath query. E.g. provisioningState!='InProgress', instanceView.statuses[?code=='PowerState/running'].

Property	Value
Parameter group:	Wait Condition Arguments

--deleted

Wait until deleted.

Property	Value
Parameter group:	Wait Condition Arguments
Default value:	False

--disk-name --name -n

The name of the managed disk that is being created. The name can't be changed after the disk is created. Supported characters for the name are a-z, A-Z, 0-9, _ and -. The maximum name length is 80 characters.

Property	Value
Parameter group:	Resource Id Arguments

--exists

Wait until the resource exists.

Property	Value
Parameter group:	Wait Condition Arguments

Property	Value
Default value:	False

--ids

One or more resource IDs (space-delimited). It should be a complete resource ID containing all information of 'Resource Id' arguments. You should provide either --ids or other 'Resource Id' arguments.

Property	Value
Parameter group:	Resource Id Arguments

--interval

Polling interval in seconds.

Property	Value
Parameter group:	Wait Condition Arguments
Default value:	30

--resource-group -g

Name of resource group. You can configure the default group using `az configure --defaults group=<name>`.

Property	Value
Parameter group:	Resource Id Arguments

--subscription

Name or ID of subscription. You can configure the default subscription using `az account set -s NAME_OR_ID`.

Property	Value
Parameter group:	Resource Id Arguments

--timeout

Maximum wait in seconds.

Property	Value
Parameter group:	Wait Condition Arguments

Property	Value
Default value:	3600

--updated

Wait until updated with provisioningState at 'Succeeded'.

Property	Value
Parameter group:	Wait Condition Arguments
Default value:	False

► Global Parameters

Source: <https://learn.microsoft.com/en-us/cli/azure/disk?view=azure-cli-latest>