

Storage account access tier





Hot – this is default tier for object , here this is optimized for objects that are accessed frequently

Cool – that are frequently accessed an object can be set as cool access tier here objects needs to be stored for minimum 30 days





Cold – this is ideal for object that are rarely accessed or modified but you still need access to them. An object can be set the cool access tier. Objects stored minimum 90 days


Archive – this is ideal for object that are rarely accessed and if you need to access them, you don't mind waiting for the data to be restored first. Here data needs to be stored for minimum of 180 days


Search blobs by prefix (case-sensitive)							Only show active blobs
Showing all 2 items							
<input type="checkbox"/>	Name	Last modified	Access tier	Blob type	Size	Lease state	
<input type="checkbox"/>	ils.ps1	9/1/2025, 12:00:15 PM	Hot (Inferred)	Block blob	186 B	Available	...
<input type="checkbox"/>	install_web.sh	8/25/2025, 2:03:48 PM	Hot (Inferred)	Block blob	65 B	Available	...

 **appaccount10020 | Configuration**   

Storage account

 Save  Discard  Refresh  Give feedback


 Queues


 Tables


> Security + networking


> Data management


▼ Settings


 **Configuration**

 Data Lake Gen2 upgrade

 Resource sharing (CORS)

 Advisor recommendations

 Endpoints

 Locks

Allow storage account key access ⓘ
☐ Disabled ☒ Enabled

Allow upper limit for shared access signature (SAS) expiry interval ⓘ
☒ Disabled ☐ Enabled

Default to Microsoft Entra authorization in the Azure portal ⓘ
☒ Disabled ☐ Enabled

Minimum TLS version ⓘ

Permitted scope for copy operations (preview) ⓘ

Blob access tier (default) ⓘ
☒ Hot ☐ Cool ☐ Cold

Archive access

All services > Storage center | Storage accounts (Blobs) > appaccount10020 | Containers >

scripts
Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

+ Add Directory Upload Change access level Refresh Delete Copy Paste

scripts

Authentication method: Access key (Switch to Microsoft Entra user account)

Add filter

Search blobs by prefix (case-sensitive)

Showing all 2 items

<input type="checkbox"/>	Name	Last modified	Access tier
<input type="checkbox"/>	IISps1	9/1/2025, 12:00:15 PM	Hot (Inferred)
<input checked="" type="checkbox"/>	install_web.sh	8/25/2025, 2:03:48 PM	Hot (Inferred)

Change tier
install_web.sh

Optimize storage costs by placing your data in the appropriate access tier. [Learn more](#)

Access tier

Hot (Inferred)

Hot (Inferred)

Cool

Cold

Archive

Save Cancel Give feedback

Add or remove favorites by pressing Ctrl+Shift+F

Azure Storage Accounts - Lifecycle policies

All services > Storage center | Storage accounts (Blobs) > appaccount10020

appaccount10020 | Lifecycle management
Storage account

Search

Redundancy

Data protection

Object replication

Blob inventory

Static website

Lifecycle management

Azure AI Search

Settings

Configuration

Data Lake Gen2 upgrade

Resource sharing (CORS)

...

+ Add a rule Enable Disable Refresh Delete Give feedback

Lifecycle management offers a rich, rule-based policy for general purpose v2 and blob storage accounts. Use the policy to transition your data to the appropriate access tier of the data's lifecycle. A new or updated rule can take up to 24 hours to go into effect. [Learn more](#)

List View Code View

Enable access tracking

Name	Status	Blob type
ruleA	Enabled	Block

Storage account

h

Save Discard Download Refresh Give feedback

Redundancy

Data protection

Object replication

Blob inventory

Static website

Lifecycle management

Azure AI Search

Tags

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Advisor recommendations

Endpoints

Lifecycle management offers a rich, rule-based policy for general purpose v2 and blob storage accounts. Use the policy to transition of the data's lifecycle. A new or updated rule can take up to 24 hours to go into effect. [Learn more](#)

List View Code View

```
1 {
2   "rules": [
3     {
4       "enabled": true,
5       "name": "ruleA",
6       "type": "Lifecycle",
7       "definition": {
8         "actions": {
9           "baseBlob": {
10            "tierToCool": {
11              "daysAfterModificationGreaterThan": 40
12            }
13          }
14        },
15        "filters": {
16          "blobTypes": [
17            "blockBlob"
```

Azure Storage Accounts - Blob Snapshots

All services > Storage center | Storage account

scripts

Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

install_web.sh

Blob

Create snapshot Refresh Download Promote Delete Change tier

Overview Versions **Snapshots** Edit Generate SAS

Filter snapshots

Show deleted snapshots

Name	Modified	Access tier	Blob type	Content type	Size
No snapshots found					

Azure Storage Accounts - Blob Versioning

appaccount10020 | Data protection

Storage account

Search

Containers

File shares

Queues

Tables

Security + networking

Data management

Storage Actions

Redundancy

Data protection

Object replication

Blob inventory

Static website

Lifecycle management

Azure AI Search

Tracking

Enable versioning for blobs

Use versioning to automatically maintain previous versions of your blobs. [Learn more](#)

Consider your workloads, their impact on the number of versions created, and the resulting costs. Optimize costs by automatically managing the data lifecycle. [Learn more](#)

Keep all versions

Delete versions after (in days) *

7

Enable blob change feed

Keep track of create, modification, and delete changes to blobs in your account. [Learn more](#)

Keep all logs

Delete change feed logs after (in days)

Access control

All services > Storage center | Storage account

scripts

Container

Search

Overview

Diagnose and solve problems

Access Control (IAM)

Settings

install_web.sh

Blob

Refresh | Download | Make current version | Delete | Change tier

Overview | Versions | Snapshots | Edit | Generate SAS

When blob versioning is enabled, you can restore an earlier version of a blob to recover your data. Every write operation to a blob in the account results in the creation of a new version. Consider your workloads, their impact on the number of versions created, and the resulting costs. Optimize costs by automatically managing the data lifecycle. [Learn more](#)

Filter versions

Show deleted versions

Version Id	Modified	Access tier	Blob type	Size	
<input type="checkbox"/> 2025-09-03T06:07:35.1072977Z	9/3/2025, 11:37:35 AM	Hot	Block blob	64 B	...
<input type="checkbox"/> 2025-09-03T06:02:04.1514745Z	9/3/2025, 11:32:04 AM	Hot	Block blob	65 B	...

Microsoft Entra ID

This is cloud based identity and access management service. This identity service can be used for azure , Microsoft 365 and even other software as a service applications


creating a user in Microsoft Entra ID


[All services](#) > [Default Directory](#) | [Users](#) >


Users ...


Default Directory


× « + New user ▼ ✎ Edit ▼ Delete ↓ Download users


 All users


 Audit logs


 Sign-in logs


 Diagnose and solve problems

 Deleted users

 Password reset

 User settings


 Bulk operation results

 Bulk operation results (Preview)

ⓘ [Azure Active Directory is now Microsoft ID.](#) [🔗](#)

🔍 Add

1 user found


<input type="checkbox"/>	Display name ↑	User principal
<input type="checkbox"/>	 manisha b	manishabalid1

Create new user ...

Create a new internal user in your organization

Basics Properties Assignments Review + create

Basics

User principal name UserA@manishabali179gmail.onmicrosoft.com 

Display name UserA

Mail nickname UserA

Password 

Account enabled Yes

Properties

User type Member

Assignments

Administrative units

Create

< Previous










Next >

Users ...

Default Directory

   New user   Edit   Delete  Download users (Preview)  Bulk operations   Refresh 





 All users

-  Audit logs
-  Sign-in logs
-  Diagnose and solve problems
-  Deleted users
-  Password reset
-  User settings
-  Bulk operation results
-  Bulk operation results (Preview)
-  New support request

 Azure Active Directory is now Microsoft Entra 

 Add

2 users found

<input type="checkbox"/>	Display name ↑	User principal name ↑↓	User type	On-premises sy...
<input type="checkbox"/>	 manisha b	manishabali179_... 	Member	No
<input type="checkbox"/>	 UserA	UserA@manishab... 	Member	No


Welcome to Azure!

Don't have a subscription? Check out the following options.



Default Directory

Sign out



UserA@manishabal...
UserA@manishabalid179gmai...
[View account](#)
[Switch directory](#) ...

Role based access control

You can assign role subscription level, resource group level and resource level

Owner role – user would complete access and be able to manage resources. The user also delegate access to other users.

Contributor role – here user would have complete access an be able to manage the resource

User access administrator role – here user would be able to deletegate access to other users/

Reader role – the user would be just be able to read the properties for the resources

role-based assignments - Resource level

Home > Compute infrastructure > Virtual machines > linuxvm | Access control (IAM) >

Add role assignment

Role **Members** Conditions Review + assign

Selected role Reader

Assign access to ☒ User, group, or service principal ☐ Managed identity

Members + Select members

Name	Object ID	Type
No members selected		

Description Optional

Review + assign Previous Next

Select members

Search by name or email address

- manisha b(Guest)
manishabid179_gmail.com#EXT#@manishabid179gmail.onmicrosoft.com
- UserA
UserA@manishabid179gmail.onmicrosoft.com

Selected members:

- UserA
UserA@manishabid179gmail.onmicrosoft.com

Select Close

Add role assignment

Role Members Conditions **Review + assign**

Role	Reader		
Scope	/subscriptions/b435e57d-913c-4896-baf9-12e1971e7539/resourceGroups/app-rg/providers/Microsoft.Compute/virtualMachines/linuxvm		
Members	Name	Object ID	Type
	UserA	fc132303-9c0f-4934-8da4-1247aec7c816	User
Description	No description		

Review + assign

Previous

Next

Feedback

linuxvm | Access control (IAM)

Search Add Download role assignments Edit columns Refresh Delete Feedback

- Overview
- Activity log
- Access control (IAM)**
- Tags
- Diagnose and solve problems
- Resource visualizer
- Connect
 - Connect
 - Bastion
- Networking
- Settings
- Availability + scale
- Security

Check access **Role assignments** Roles Deny assignments Classic administrators

Number of role assignments for this subscription

3 4000

Search by name or email





Type: All

Role: All

Scope: All scopes

Group by: Role

All (3) Job function roles (2) Privileged administrator roles (1)

<input type="checkbox"/>	Name ↑↓	Type ↑↓	Role ↑↓	Scope ↑↓	Condition ↑↓
Owner (1)					
<input type="checkbox"/>	 manisha b b914430b-9993-4314-9f...	User	Owner	 Subscription (Inherited)	None
Reader (1)					
<input type="checkbox"/>	 UserA fc132303-9c0f-4934-8da...	User	Reader	 This resource	None

Compute infrastructure | Virtual machines

Search Virtual machines Get started

+ Create Switch to classic Reservations Manage view Refresh Export to CSV Open query Assign tags Group by none

You are viewing a new version of Browse experience. Click here to access the old experience.

Filter for any field... Subscription equals all Type equals all Resource Group equals all Location equals all Add filter

<input type="checkbox"/>	Name ↑	Subscription	Resource Group	Location	Status	Operating syst...	Size	Public IP addre...
<input type="checkbox"/>	linuxvm	Azure subscript...	app-rg	North Europe	Running	Linux	Standard_B2s	-

Role-based assignments - Resource group level

Home > Compute infrastructure | Virtual machines > app-grplb

app-grplb | Access control (IAM)

☆

...

Search

◊ ◀

+

Add

Download role assignments

Edit columns

Refresh

Delete

Feedback

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Cost Management

Monitoring

Automation

Help

Check access

Role assignments

Roles

Deny assignments

Classic administrators

Number of role assignments for this subscription

3

4000

Privileged

1

View assignments

Search by name or email

Type : All

Role : All

Scope : All scopes

Group by : Role

All (2)

Job function roles (1)

Privileged administrator roles (1)

Name ↑↓

Type ↑↓

Role ↑↓

Scope ↑↓

Condition ↑↓

Owner (1)

manisha b

b914430b-9993-4314-9f...

User

Owner

Subscription (Inherited)

None

Home > Compute infrastructure | Virtual machines > app-grplb | Access control (IAM) >

Add role assignment

Role

Members

Conditions

Review + assign

Role

Reader

Scope

/subscriptions/b435e57d-913c-4896-baf9-12e1971e7539/resourceGroups/app-grplb

Members

Name	Object ID	Type
UserA	fc132303-9c0f-4934-8da4-1247aec7c816	User

Description

No description

Review + assign

Previous

Next

Microsoft Azure

Search resources, services, and docs (G+J)

Copilot

UserA@manishabali17...
DEFAULT DIRECTORY

Home >

app-grplb | Access control (IAM)

Are there any alerts fired for this resource group?

What are the best practices for managing this resource group?

How do I monitor this resource group?

Search

◊ ◀

+

Create

Manage view

Delete resource group

Refresh

Export to CSV

Open query

Assign tags

Move

Delete

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Cost Management

Monitoring

Automation

Help

Essentials

Resources

Recommendations (15)

Filter for any field...

Type equals all

Location equals all

Add filter

Showing 1 to 12 of 12 records.

Show hidden types

No grouping

List view

Name ↑↓	Type ↑↓	Location ↑↓	
app-balancer	Load balancer	West Europe	...
app-nsg	Network security group	West Europe	...
app-set	Availability set	West Europe	...
appvnet-west europe	Virtual network	West Europe	...
webvm-linux01	Virtual machine	West Europe	...

Azure monitor

Home > Monitor | Alerts >

Create an alert rule

Scope

Condition

Actions

Details

Tags

Review + create

Create an alert rule to identify and address issues when important conditions are found in your resources.

Scope level ⓘ

Subscription

+ Select scope

Resource

Hierarchy

No resource selected yet

Select a resource

Browse

Recent

Resource types

Locations

All resource types

All locations

Search to filter items...

Resource	Resource type	Location
<input type="checkbox"/> Azure subscription 1	Subscription	-
<input type="checkbox"/> > app-grplb	Resource group	-

ⓘ Metric and Log signals might not be available if the scope includes multiple resources.

Refine scope

Resource type

Location

Select a resource type

Select a location

Home > Monitor | Alerts >

Create an alert rule

Scope

Condition

Actions

Details

Tags

Review + create

Configure when the alert rule should trigger by selecting a signal and defining its logic.

Signal name * ⓘ

Select a signal

[See all signals](#)

Select a signal

Search by signal name

Signal type : All

Signal source : All

Signal name	Signal source
Log search	
<input checked="" type="checkbox"/> Custom log search	Log Analytics
<input type="checkbox"/> Operations causing server side throttling	Log Analytics (example query)
<input type="checkbox"/> Show anonymous requests	Log Analytics (example query)
Resource health	
<input checked="" type="checkbox"/> Resource health	Resource health
Metrics	
<input checked="" type="checkbox"/> Availability	Platform metrics
<input type="checkbox"/> Egress	Platform metrics
<input type="checkbox"/> Ingress	Platform metrics

Apply

Cancel

Review + create

Previous

Next: Actions >

Log Analytics Workspace

Used to collect log data

Events occurring on machin

Enable diagnostics settings to send metrics and log data


Data collected sent to log analytics workspace

[Home](#) > [Log Analytics workspaces](#) >

Create Log Analytics workspace ...

 Validation passed

Basics Tags Review + Create

 **Log Analytics workspace**
by Microsoft

Basics

Subscription	Azure subscription 1
Resource group	app-rg
Name	logworkspace10000
Region	North Europe

Pricing

Pricing tier	Pay-as-you-go (Per GB 2018)
--------------	-----------------------------

The cost of your workspace depends on the volume of data ingested and how long it is retained. Regional pricing details are available on the [Azure Monitor pricing page](#). You can change to a different pricing tier after the workspace is created. [Learn more](#) about Log Analytics pricing models.

Create

« Previous

[Download a template for automation](#)

Azure VM Insights

Home > linuxvm

linuxvm | Insights

Virtual machine

Search

Disaster recovery

Restore point

Operations

Auto-shutdown

Run command

Updates

Health monitoring

Configuration management

Policies

Inventory

Change tracking

Monitoring

Insights

Alerts

Add or remove favorites by pressing Ctrl+Shift+F

Resource Group Monitoring

Azure Monitor

Monitoring configuration

VM Insights now supports data collection using the Azure Monitor Agent and data collection rules.

Subscription *

Azure subscription 1

Data collection rule ⓘ

(new) MSVMI-DefaultWorkspace-b435e57d-913c-4896-baf9-12e1971e7539-EUS

Create New

MSVMI-DefaultWorkspace-b435e57d-913c-4896-baf9-12e1971e7539-EUS

Guest performance

Enabled

Processes and dependencies (Map)

Disabled

Log Analytics workspace

DefaultWorkspace-b435e57d-913c-4896-baf9-12e1971e7539-EUS

This will also enable System Assigned Managed Identity, in addition to existing User Assigned identities (if any).

Note: Unless specified in the request, the machine will default to using System Assigned Identity. [Learn More](#)

Currently, only resources in certain regions are supported. [Learn More](#)

Configure

Cancel

Home > linuxvm

linuxvm | Insights

Virtual machine

Search

Health monitoring

Configuration management

Policies

Inventory

Change tracking

Monitoring

Insights

Alerts

Metrics

Diagnostics settings

Logs

Workbooks

Automation

Help

Add or remove favorites by pressing Ctrl+Shift+F

Resource Group Monitoring

Azure Monitor

Diagnose and solve problems

Refresh

Monitoring configuration

Provide Feedback

Performance and utilization

Logical Disk Performance

DISK	CURRENT SIZE (GB)	CURRENT USED (%)	P95 IOPS READ	P95 IOPS WRITE	P95 IOPS TOTAL	P95 MB/s READ	P95 MB/s WRITE	P95 MB/s TOTAL
No Data								

CPU Utilization % ⓘ

15m granularity

Avg

Min

50th

90th

95th

Max

100%

80%

60%

40%

20%

0%

06 PM

Wed 03

06 AM

12 PM

Average

Expand property panel?

VM backup

Home > linuxvm

linuxvm | Backup ☆ ...

Search

Security

Identity

Microsoft Defender for Cloud

Backup + disaster recovery

Backup

Disaster recovery

Restore point

Operations

Auto-shutdown

Run command

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Health monitoring

Configuration management

Recovery Services vault ⓘ

Backup vault *

Resource group

Policy sub type *

Choose backup policy * ⓘ

Create new

Select existing

vault509

app-rg

Create new

Enhanced

Multiple backups per day

Up to 30 days operational tier retention

Support for Trusted Launch Azure VM

Support for VMs with Ultra Disks and Premium SSD v2

Standard

Once-a-day backup

Up to 5 days operational tier retention

(new) EnhancedPolicy-mf3qlp22

Edit this policy

Enable backup

Cancel

Add or remove favorites by pressing Ctrl+Shift+F

Home > linuxvm

linuxvm | Backup

Virtual machine

Search

Security

Identity

Microsoft Defender for Cloud

Backup + disaster recovery

Backup

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Policy sub type *

Choose backup policy *

Protecting a VM with enhanced policy can increase the cost of backup. Once you enable a VM backup with enhanced policy, you cannot disable it. [Learn more.](#)

Policy Details

Enable backup

Cancel

Create policy

Azure Virtual Machine

Recovery points can be automatically moved to the vault-archive tier using backup policy. [Learn more.](#)

Policy name

EnhancedPolicy-mf3qlp22

Backup schedule

Frequency

Daily

Time

8:00 AM

Timezone

(UTC) Coordinated Universal Time

Instant restore

Retain instant recovery snapshot(s) for

7

Day(s)

Retention range

☒ Retention of daily backup point

At

8:00 AM

For

30

Day(s)

☐ Retention of weekly backup point

OK

linuxvm | Backup

Virtual machine

Search

Properties

Locks

Availability + scale

Size

Availability + scaling

Security

Identity

Microsoft Defender for Cloud

Backup + disaster recovery

Backup

Disaster recovery

Restore point

Operations

Auto-shutdown

Backup now

Restore VM

File Recovery

Stop backup

Resume backup

Delete backup data

Restore to Secondary Region

Undelete

Feedback

Try our new Business Continuity Center for the at scale BCDR management of your resources protected across Azure Backup and Site Recovery.

JSON View

Essentials

Recovery services vault : vault509

Subscription (move) : Azure subscription 1

Subscription ID : b435e57d-913c-4896-baf9-12e1971e7539

Alerts (in last 24 hours) : View alerts

Jobs (in last 24 hours) : View jobs

Backup Pre-Check : Passed

Last backup status : Warning (initial backup pending)

Backup policy : EnhancedPolicy-mf3qlp22 (Enhanced)

Oldest restore point : -

Included disk(s) : All disks

Recovery points

This list is filtered for last 30 days of recovery points. To recover from recovery point older than 30 days, as well as vault-archive, [click here.](#)

Long term recovery points can be moved to vault-archive. To move all 'recommended recovery points' to vault-archive tier, [click here.](#)

CRASH CONSISTENT

0

APPLICATION CONSISTENT

0

FILE-SYSTEM CONSISTENT

0

Creation time ↑↓

Consistency

Recovery type

No restore points available.

Home > linuxvm | Backup

Backup Jobs

Choose columns

Filter

Export jobs

Refresh

Feedback

Analyze all job failures for this vault

Filtered by: Item Type - All, Operation - All, Status - All, Start Time - 9/2/2025, 2:26:41 PM, End Time - 9/3/2025, 2:26:41 PM

Try our new Business Continuity Center for the at scale BCDR management of your resources protected across Azure Backup and Site Recovery.

All data fetched from the service.

Filter items ...

Workload name ↑↓	Operation	Status	Type	Start time ↑↓	Total Duration ↑↓	Details
linuxvm	Configure backup	Completed	Azure Virtual Machine	9/3/2025, 2:22:25 PM	00:00:40	View details

< Previous

Page 1 of 1

Next >

Lab - Creating a resource group

```
3 $resourceGroupName="staging-grp"
4 $location="North Europe"
5
6 New-AzResourceGroup -Name $resourceGroupName -Location $location
```

PS C:\WINDOWS\system32> \$resourceGroupName="staging-grp"
\$location="North Europe"

New-AzResourceGroup -Name \$resourceGroupName -Location \$location

ResourceGroupName : staging-grp
Location : northeurope
ProvisioningState : Succeeded
Tags :
ResourceId : /subscriptions/b435e57d-913c-4896-baf9-12e1971e7539/resourceGroups/staging-grp

Home > Resource groups >

Resource groups

Default Directory

+ Create Manage view ...

You are viewing a new version of Browse experience. Click here to access the old experience.

<input type="checkbox"/>	Name ↑
<input type="checkbox"/>	app-grplb
<input type="checkbox"/>	app-rg
<input type="checkbox"/>	DefaultResourceGroup-EUS
<input type="checkbox"/>	DefaultResourceGroup-NEU
<input type="checkbox"/>	NetworkWatcherRG
<input checked="" type="checkbox"/>	staging-grp

staging-grp

Resource group

Are there any alerts fired for this resource group? How do I monitor this resource group? +1

Search

+ Create Manage view Delete resource group Refresh Export to CSV Open query

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events
- Settings
- Cost Management
- Monitoring
- Automation
- Help

Essentials

Resources Recommendations

Filter for any field... Type equals all Location equals all

Showing 0 to 0 of 0 records. Show hidden types No grouping

Name ↑↓ Type ↑↓ Location ↑↓

Switch between a list view of your resource groups and a summary chart view of resource counts.

Lab - Creating a virtual network

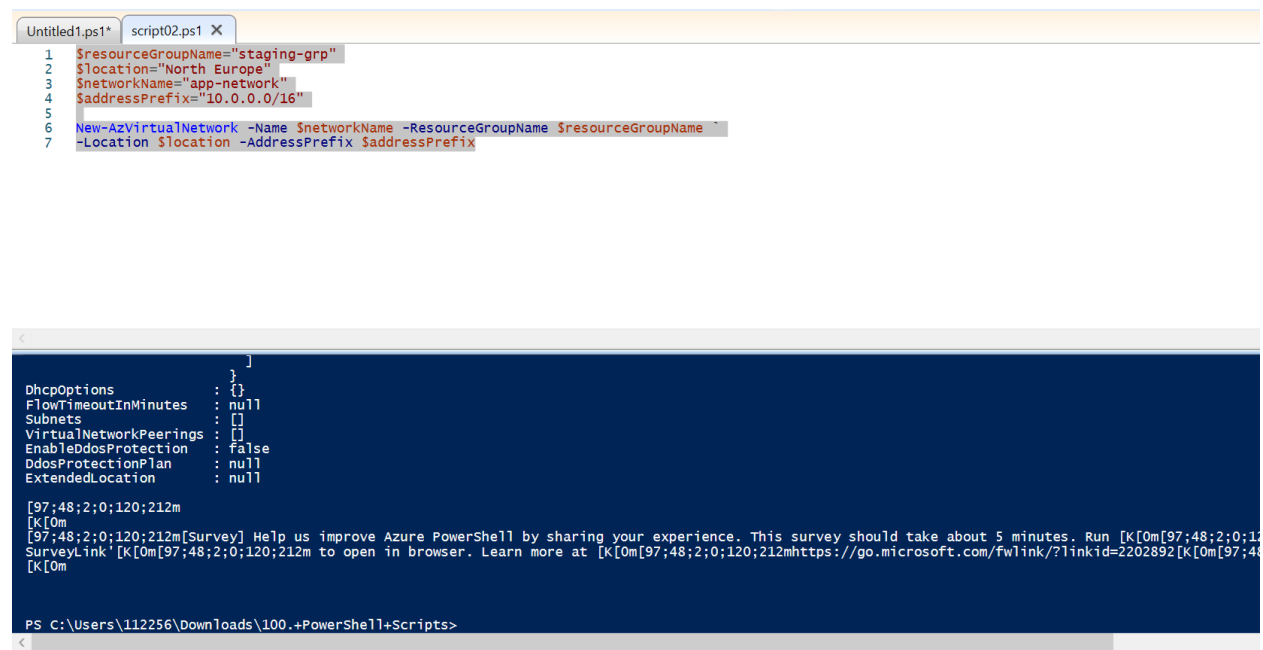
```
$resourceGroupName="staging-grp"
```

```
$location="North Europe"
```

```
$networkName="app-network"
```

```
$addressPrefix="10.0.0.0/16"
```

```
New-AzVirtualNetwork -Name $networkName -ResourceGroupName $resourceGroupName `
-Location $location -AddressPrefix $addressPrefix
```



The image shows a PowerShell script editor with a file named 'script02.ps1'. The script contains the following commands:

```
1 $resourceGroupName="staging-grp"
2 $location="North Europe"
3 $networkName="app-network"
4 $addressPrefix="10.0.0.0/16"
5
6 New-AzVirtualNetwork -Name $networkName -ResourceGroupName $resourceGroupName `
7 -Location $location -AddressPrefix $addressPrefix
```

Below the script editor, the output of the command is displayed in a dark blue console window. The output shows the configuration of the virtual network, including DHCP options, flow timeout, subnets, and peering settings. It also includes a survey link for user feedback.

```
[97:48;2;0;120;212m
[K[0m
DhcpOptions      : {}
FlowTimeoutInMinutes : null
Subnets         : []
VirtualNetworkPeering : []
EnableDdosProtection : false
DdosProtectionPlan : null
ExtendedLocation  : null

[97:48;2;0;120;212m
[K[0m
[97:48;2;0;120;212m[Survey] Help us improve Azure PowerShell by sharing your experience. This survey should take about 5 minutes. Run [K[0m[97:48;2;0;120;212m
SurveyLink'[K[0m[97:48;2;0;120;212m to open in browser. Learn more at [K[0m[97:48;2;0;120;212mhttps://go.microsoft.com/fwlink/?linkid=2202892[K[0m[97:48;2;0;120;212m
[K[0m

PS C:\Users\112256\Downloads\100.+PowerShell+Scripts>
```

Home > Resource groups >

staging-grp
Resource group

Are there any alerts fired for this resource group? How do I monitor this resource group? How do I troubleshoot issues with this resource group?

Search

+ Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Cost Management

Monitoring

Automation

Help

Essentials

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Showing 1 to 1 of 1 records. Show hidden types

No grouping

Switch between a list view of your resources and a summary chart view of resource counts.

Name	Type	Location
app-network	Virtual network	North Europe

Getting details of a virtual network

```
Untitled1.ps1* script02.ps1 script03.ps1 X
1 $resourceGroupName="staging-grp"
2 $networkName="app-network"
3
4 $VirtualNetwork = Get-AzVirtualNetwork -Name $networkName -ResourceGroupName $resourceGroupName
5
6 Write-Host $VirtualNetwork.Location
7 Write-Host $VirtualNetwork.AddressSpace.AddressPrefixes
```

```
PS C:\Users\112256\Downloads\100.+PowerShell+Scripts> $resourceGroupName="staging-grp"
$networkName="app-network"

$VirtualNetwork = Get-AzVirtualNetwork -Name $networkName -ResourceGroupName $resourceGroupName

Write-Host $VirtualNetwork.Location
Write-Host $VirtualNetwork.AddressSpace.AddressPrefixes
northeurope
10.0.0.0/16

PS C:\Users\112256\Downloads\100.+PowerShell+Scripts>
```

Add subnet

Home > Resource groups > staging-grp > app-network

app-network | Subnets

Virtual network

Search

+ Subnet Refresh Manage users Delete

Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet.

Search subnets

<input type="checkbox"/>	Name ↑	IPv4	IPv6	Available IPs	Delegated to	Security group	Route table	
<input type="checkbox"/>	SubnetA	10.0.0.0/24	-	251	-	-	-	

No subnets [Give feedback](#)

Showing 1 subnet [Give feedback](#)

Add or remove favorites by pressing Ctrl+L+Shift+F

3:14 PM

A new virtual network with a subnet

Home > Resource groups > staging-grp > app-network

app-network | Subnets

Virtual network

Search

+ Subnet Refresh Manage users Delete

Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet.

Search subnets

<input type="checkbox"/>	Name ↑	IPv4	IPv6	Available IPs	Delegated to	Security group	Route table	
<input type="checkbox"/>	SubnetB	10.0.0.0/24	-	251	-	-	-	

No subnets [Give feedback](#)

ARM template

Azure Resource Manager template (ARM template). It presents the different sections of a template and the properties that are available in those sections.

Using PowerShell to deploy the template

```
PS /home/manisha> New-AzDeployment -Location northeurope -TemplateFile .\template01.json

Id                : /subscriptions/b435e57d-913c-4896-baf9-12e1971e7539/providers/Microsoft.Resources/deployments/template01
DeploymentName     : template01
Location          : northeurope
ProvisioningState  : Succeeded
Timestamp         : 9/3/2025 10:44:42 AM
Mode              : Incremental
TemplateLink      :
Parameters        :
Outputs           :
DeploymentDebugLogLevel :
```

Azure Storage Account - Building the template

Home > Custom deployment >

Edit template

Edit your Azure Resource Manager template

+ Add resource ↑ Quickstart template ↑ Load file ↓ Download

Parameters (0)

Variables (0)

Resources (1)

- appstore455453443 (Microsoft.Storage/storageAccounts)

```
1 {
2   "$schema": "https://schema.management.azure.com/schemas/2019-04-01/deploymentTemplate.json#",
3   "contentVersion": "1.0.0.0",
4   "parameters": {},
5   "functions": {},
6   "variables": {},
7   "resources": [
8     {
9       "name": "appstore455453443",
10      "type": "Microsoft.Storage/storageAccounts",
11      "apiVersion": "2023-04-01",
12      "location": "northeurope",
13      "kind": "StorageV2",
14      "sku": {
15        "name": "Standard_LRS"
16      }
17    }
18  ],
19  "outputs": {}
20 }
```

Home >

Custom deployment

Deploy from a custom template

Generate a Powershell script to deploy a resource Summarize the deployment methods Azure offers Help me generate Terraform to

Select a template Basics **Review + create**

Summary

Customized template
1 resource

Terms

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Submitting deployment...
Submitting the deployment template for resource group 'app-rg'.

Home > Resource groups > app-rg >

appstore45545343
Storage account

Help me optimize storage costs for this account Ensure disaster recovery readiness for storage account Is this storage account vulnerable

Search

Upload Open in Explorer Delete Move Refresh Open in mobile CLI / PS Feedback

Storage is retiring support for TLS 1.0 and 1.1 starting Nov 1, 2025. If you are using any of these, please migrate to TLS 1.2. [Learn more](#)

JSON View

Essentials

Resource group (move)	: app-rg	Performance	: Standard
Location	: northeurope	Replication	: Locally-redundant storage (LRS)
Subscription (move)	: Azure subscription 1	Account kind	: StorageV2 (general purpose v2)
Subscription ID	: b435e57d-913c-4896-baf9-12e1971e7539	Provisioning state	: Succeeded
Disk state	: Available	Created	: 9/3/2025, 5:52:31 PM
Tags (edit)	: Add tags		

Multiple copies of a resource

Home >

Microsoft.Template-20250903175754 | Overview ...
Deployment

Search Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : Microsoft.Template-20250903175754 Start time : 9/3/2025, 5:58:02 PM
Subscription : [Azure subscription 1](#) Correlation ID : 6bef277f-03af-43f4-a922-75c9d51ecc79
Resource group : [app-rg](#)

Deployment details

Resource	Type	Status	Operation details
✓ 2appstoreaccount4554	Storage account	OK	Operation details
✓ 1appstoreaccount4554	Storage account	OK	Operation details
✓ 0appstoreaccount4554	Storage account	OK	Operation details

Next steps

[Go to resource group](#)

app-rg

Resource group

How do I troubleshoot issues with this resource group?

What are the best practices for managing this resource group?

How do I monitor this resource group?

Search

+

Create

Manage view

Delete resource group

Refresh

Export to CSV

Open query

Assign tags

Move

Delete

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Recommendations (28)

Filter for any field...

Type equals all

Location equals all

Add filter

Showing 1 to 5 of 5 records.

Show hidden types

No grouping

List view

Name	Type	Location
0appstoreaccount45545343	Storage account	North Europe
1appstoreaccount45545343	Storage account	North Europe
2appstoreaccount45545343	Storage account	North Europe

Azure Virtual network

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

manishabald179@gmail...
DEFAULT DIRECTORY (MANISHA...

Home

Custom deployment

Deploy from a custom template

How do ARM templates work?

Automate Azure deployments with CLI

Can I deploy multiple resources within a single ARM template?

Select a template

Basics

Review + create

Summary

Customized template

1 resource

Terms

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Home

Microsoft.Template-20250903180157 | Overview

Deployment

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Cancel

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Template

✓ Your deployment is complete

Deployment name : Microsoft.Template-20250903180157

Subscription : Azure subscription 1

Resource group : app-rg

Start time : 9/3/2025, 6:02:04 PM

Correlation ID : 77c24e1c-d319-4e3c-a370-92c268ff71c5

Deployment details

Resource	Type	Status	Operation details
✓ appnetwork	Virtual network	OK	Operation details

Public IP address

[Home](#) >

Custom deployment

Deploy from a custom template

[I want to deploy resources using Bicep](#)[Can I deploy multiple resources within a single ARM template?](#)[How do I roll back a failed A](#)

*** Initializing deployment...
Initializing template deployment to resource group 'app-rg'.

Select a templateBasicsReview + create

Summary

Customized template
1 resource

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[Home](#) >

Microsoft.Template-20250903181146 | Overview
Deployment

[Delete](#)[Cancel](#)[Redeploy](#)[Download](#)[Refresh](#)

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment name : Microsoft.Template-20250903181146
Subscription : [Azure subscription 1](#)
Resource group : [app-rg](#)

Start time : 9/3/2025, 6:11:55 PM
Correlation ID : e1d7c8d2-10e1-40c9-9b1a-b082f8451f4d

Deployment details

Resource	Type	Status	Operation details
app-ip	Public IP address	OK	Operation details

Next steps

Deploy resource

Network Interface - Using an existing virtual network



Microsoft.Template-20250903184837 | Overview ...

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

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Template

Your deployment is complete

Deployment name : Microsoft.Template-20250903184837 Start time : 9/3/2025, 6:48:45 PM
Subscription : Azure subscription 1 Correlation ID : e4fc9cf2-10a0-46f2-8d78-1d6b31a496c0
Resource group : app-rg

Deployment details

Resource	Type	Status	Operation details
app-interface	Microsoft.Network/networkInter	Created	Operation details

Next steps



app-rg
Resource group

How do I troubleshoot issues with this resource group? What are the best practices for managing this resource group? How do I monitor this resource group?

Search

Create Manage view Delete resource group Refresh Export to CSV Open query Assign tags Move Delete

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JSON View

Resources Recommendations (28)

Filter for any field... Type equals all Location equals all Add filter


Showing 1 to 8 of 8 records. Show hidden types

No grouping List view

Name	Type	Location	
0appstoreaccount45545343	Storage account	North Europe	...
1appstoreaccount45545343	Storage account	North Europe	...
2appstoreaccount45545343	Storage account	North Europe	...
app-interface	Network Interface	North Europe	...

Resource group location

[Home](#) >

 **Microsoft.Template-20250903191540** | Overview ...

Deployment

Delete

Cancel

Redeploy

Download

Refresh

Overview

Inputs

Outputs

Template

✔

Your deployment is complete

Deployment name : Microsoft.Template-20250903191540

Subscription : [Azure subscription 1](#)

Resource group : [new-grp](#)


Start time : 9/3/2025, 7:15:47 PM

Correlation ID : 78f88d45-13e2-4bb5-9f24-b92cfa8e031d

Deployment details

Resource	Type	Status	Operation details
✔ app-interface	Microsoft.Network/networkInter	OK	Operation details
✔ appnetwork	Virtual network	OK	Operation details
✔ app-ip	Public IP address	OK	Operation details

Next steps

 **new-grp**

Resource group

How do I troubleshoot issues with this resource group?

Are there any alerts fired for this resource group?

How do I monitor this resource group?

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Filter for any field...

Type equals all

Location equals all

Add filter

Showing 1 to 3 of 3 records. ☐ Show hidden types

No grouping

List view

Name	Type	Location
<input type="checkbox"/> app-interface	Network interface	UK South
<input type="checkbox"/> app-ip	Public IP address	UK South
<input type="checkbox"/> appnetwork	Virtual network	UK South

Creating a Network Security Group

Microsoft.Template-20250903192411 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : Microsoft.Template-20250903192411

Subscription : Azure subscription 1

Resource group : app-rg

Start time : 9/3/2025, 7:24:20 PM

Correlation ID : d45a7475-3fca-4360-941b-027b1441470c

Deployment details

Resource	Type	Status	Operation details
✓ app-nsg	Network security group	OK	Operation details

Creating an Azure virtual machine

app-stg

Resource group

What are the best practices for managing this resource group? How do I monitor this resource group? How do I troubleshoot iss

Search

Create Manage view Delete resource group Refresh Export to CSV Open query

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Essentials

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Showing 1 to 3 of 3 records. Show hidden types

Name	Type
app-nsg	Network security group
appnetwork	Virtual network
vmstore4434434556900	Storage account

< Previous Page 1 of 1 Next >

Creating a VM with a data disk

Home >

Microsoft.Template-20250903200935 | Overview

Deployment

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Deployment details

Resource	Type	Status	Operation details
appvm	Virtual machine	OK	Operation details
vmstore443443455678	Storage account	OK	Operation details
app-interface	Microsoft.Network/networkInter	Created	Operation details
vmstore443443455678	Storage account	OK	Operation details
app-ip	Public IP address	OK	Operation details
app-nsg	Network security group	OK	Operation details
appnetwork	Virtual network	OK	Operation details

Next steps

Go to resource group

Give feedback

newResource group

How do I troubleshoot issues with this resource group?Are there any alerts fired for this resource group?How do I monitor this resource group?

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ResourcesRecommendations

Filter for any field...Type equals allLocation equals allAdd filter


Showing 1 to 8 of 8 records. Show hidden types

Name	Type	Location
app-interface	Network Interface	North Europe
app-ip	Public IP address	North Europe
app-nsg	Network security group	North Europe
appnetwork	Virtual network	North Europe
appvm	Virtual machine	North Europe
data-disk01	Disk	North Europe
vmstore443443455678	Storage account	North Europe

Give feedback

Azure Web App

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 **Microsoft.Template-20250903202010** | Overview

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Overview

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 **Your deployment is complete**

 Deployment name : Microsoft.Template-20250903202010





Subscription : [Azure subscription 1](#)




Resource group : [new-grp](#)

Start time : 9/3/2025, 8:20:20 PM

Correlation ID : d91083a7-094c-41a6-9db7-96e5d0905420

Deployment details

Resource	Type	Status	Operation details
 webapp554434545678	 Microsoft.Web/sites	OK	Operation details
 plan443453	 Microsoft.Web/serverfarms	OK	Operation details

 **new-grp**  

Resource group

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Are there any alerts fired for this resource group? How do I monitor this resource group? What are the best practices for managing this resource group?

JSON View

Essentials



Resources Recommendations

Filter for any field... Type equals 2 selected Location equals all Add filter

Showing 1 to 2 of 2 records. ☐ Show hidden types

No grouping

List view

Name	Type	Location	
 plan443453	App Service plan	North Europe	...
 webapp554434545678	App Service	North Europe	...

