



Windows PowerShell Get-Help on Cmdlet 'New-AzNetworkCloudL3Network'

PS:\>Get-HELP New-AzNetworkCloudL3Network -Full

WARNING: The names of some imported commands from the module 'Az.NetworkCloud.private' include unapproved verbs that might make them less discoverable. To find the

commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

WARNING: The names of some imported commands from the module 'Az.NetworkCloud.private' include unapproved verbs that might make them less discoverable. To find the

commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

WARNING: The names of some imported commands from the module 'Az.NetworkCloud.private' include unapproved verbs that might make them less discoverable. To find the

commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

New-AzNetworkCloudL3Network

SYNOPSIS

Create a new layer 3 (L3) network or update the properties of the existing network.

SYNTAX

New-AzNetworkCloudL3Network -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>]
 -ExtendedLocationName <String> -ExtendedLocationType <String>
 -L3IsolationDomainId <String> -Location <String> -Vlan <Int64> [-HybridAksIpamEnabled <HybridAksIpamEnabled>]
 [-HybridAksPluginType <HybridAksPluginType>]
 [-IPAllocationType <IPAllocationType>] [-InterfaceName <String>] [-Ipv4ConnectedPrefix <String>] [-Ipv6ConnectedPrefix
 <String>] [-Tag <Hashtable>] [-DefaultProfile
 <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend <SendAsyncStep[]>]
 [-NoWait] [-Proxy <Uri>] [-ProxyCredential
 <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]

DESCRIPTION

Create a new layer 3 (L3) network or update the properties of the existing network.

PARAMETERS

-Name <String>

The name of the L3 network.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the resource group.

The name is case insensitive.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

The value must be an UUID.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ExtendedLocationName <String>

The resource ID of the extended location on which the resource will be created.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ExtendedLocationType <String>

The extended location type, for example, CustomLocation.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-L3IsolationDomainId <String>

The resource ID of the Network Fabric l3IsolationDomain.

Required? true
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Location <String>

The geo-location where the resource lives

Required? true
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-Vlan <Int64>

The VLAN from the I3IsolationDomain that is used for this network.

Required? true
Position? named
Default value 0
Accept pipeline input? false
Accept wildcard characters? false

-HybridAksIpamEnabled <HybridAksIpamEnabled>

Field Deprecated.

The field was previously optional, now it will have no defined behavior and will be ignored.

The indicator of whether or not to disable IPAM allocation on the network attachment definition injected into the Hybrid AKS Cluster.

Required? false
Position? named
Default value

Accept pipeline input? false

Accept wildcard characters? false

-HybridAksPluginType <HybridAksPluginType>

Field Deprecated.

The field was previously optional, now it will have no defined behavior and will be ignored.

The network plugin type for Hybrid AKS.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-IPAllocationType <IPAllocationType>

The type of the IP address allocation, defaulted to "DualStack".

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-InterfaceName <String>

The default interface name for this L3 network in the virtual machine.

This name can be overridden by the name supplied in the network attachment configuration of that virtual machine.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

`-Ipv4ConnectedPrefix <String>`

The IPV4 prefix (CIDR) assigned to this L3 network.

Required when the IP allocation type is IPV4 or DualStack.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

`-Ipv6ConnectedPrefix <String>`

The IPV6 prefix (CIDR) assigned to this L3 network.

Required when the IP allocation type is IPV6 or DualStack.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

`-Tag <Hashtable>`

Resource tags.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

`-DefaultProfile <PSObject>`

The DefaultProfile parameter is not functional.

Use the SubscriptionId parameter when available if executing the cmdlet against a different subscription.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug,

ErrorAction, ErrorVariable, WarningAction, WarningVariable,

OutBuffer, PipelineVariable, and OutVariable. For more information, see

about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.NetworkCloud.Models.Api20230701.IL3Network

----- EXAMPLE 1 -----

PS C:\>New-AzNetworkCloudL3Network -ResourceGroupName resourceGroupName -Name l3NetworkName -Location eastus -ExtendedLocationName

"subscriptions/subscriptionId/resourceGroups/resourceGroupName/providers/Microsoft.ExtendedLocation/customLocations/clusterExtendedLocationName" -ExtendedLocationType

"CustomLocation" -Vlan 1001 -L3IsolationDomainId

"/subscriptions/subscriptionId/resourceGroups/resourceGroupName/providers/Microsoft.ManagedNetworkFabric/l3IsolationDomains/l3IsolationDomainName"

-Ipv4ConnectedPrefix "10.1.100.0/24" -Ipv6ConnectedPrefix "fd01:1::0/64" -SubscriptionId subscriptionId

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.networkcloud/new-aznetworkcloudl3network>