



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

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

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' 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-AzNetworkManager

SYNOPSIS

Creates a network manager.

SYNTAX

```

New-AzNetworkManager [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description
<System.String>] [-Force] -Location <System.String> -Name <System.String> -NetworkManagerScope
<Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerScopes>
-NetworkManagerScopeAccess {SecurityAdmin | Connectivity} -ResourceGroupName
<System.String> [-Tag <System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The New-AzNetworkManager cmdlet creates a network manager.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Description <System.String>

Description.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Do not ask for confirmation if you want to overwrite a resource

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

-Location <System.String>

location.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Name <System.String>

The resource name.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-NetworkManagerScope <Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerScopes>

Network Manager Scope

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NetworkManagerScopeAccess

<Microsoft.Azure.Commands.Network.NewAzNetworkManagerCommand+NetworkManagerScopeAccessType[]>

Network Manager Scope Access.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

A hashtable which represents resource tags.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

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

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false
Position? named
Default value False
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.String

System.Collections.Hashtable

Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerScopes

System.String[]

OUTPUTS

Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManager

NOTES

----- Example 1: Creates a connectivity network manager. -----

```
$subscriptions = @("/subscriptions/0fd190fa-dd1c-4724-b7f6-c5cc3ba5c884")
```

```
$managementGroups = @("/providers/Microsoft.Management/managementGroups/PowerShellTest")
```

```
$scope = New-AzNetworkManagerScope -Subscription $subscriptions -ManagementGroup $managementGroups
```

```
$access = @("Connectivity")
```

```
        New-AzNetworkManager -ResourceGroupName "psResourceGroup" -Name "psNetworkManager"  
-NetworkManagerScope $scope -NetworkManagerScopeAccess $access -Location "westus"
```

```
Location          : westus
```

```
Tag               : {}
```

```
        NetworkManagerScopes                                     :
```

Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerScopes

```
NetworkManagerScopeAccesses : {Connectivity}
```

```
NetworkManagerScopeAccessesText : [
```

```
        "Connectivity"
```

```
    ]
```

```
NetworkManagerScopesText    : {
```

```
        "ManagementGroups": [
```

```
            "/providers/Microsoft.Management/managementGroups/PowerShellTest"
```

```
        ],
```

```

    "Subscriptions": [
      "/subscriptions/0fd190fa-dd1c-4724-b7f6-c5cc3ba5c884"
    ]
  }

```

```

TagsTable      :
DisplayName    :
Description    :
Type           : Microsoft.Network/networkManagers
ProvisioningState : Succeeded
SystemData     : Microsoft.Azure.Commands.Network.Models.NetworkManager.PSSystemData
SystemDataText : {
  "CreatedBy": "jaredgorthy@microsoft.com",
  "CreatedByType": "User",
  "CreatedAt": "2022-08-07T04:12:51.7463424Z",
  "LastModifiedBy": "jaredgorthy@microsoft.com",
  "LastModifiedByType": "User",
  "LastModifiedAt": "2022-08-07T04:12:51.7463424Z"
}

Name           : psNetworkManager
Etag           :
Id             :

```

/subscriptions/f0dc2b34-dfad-40e4-83e0-2309fed8d00b/resourceGroups/psResourceGroup/providers/Microsoft.Network/networkManagers/psNetworkManager

Creates a network manager with connectivity access in West US, with a subscription and management group in scope.

----- Example 2: Creates a security admin network manager. -----

```
$subscriptions = @("/subscriptions/0fd190fa-dd1c-4724-b7f6-c5cc3ba5c884")
```

```
$scope = New-AzNetworkManagerScope -Subscription $subscriptions
```

```
$access = @("SecurityAdmin")
```

```
New-AzNetworkManager -ResourceGroupName "psResourceGroup" -Name "psNetworkManager"
-NetworkManagerScope $scope -NetworkManagerScopeAccess $access -Location "westus"
```

```
Location          : westus
Tag               : {}
NetworkManagerScopes :
Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerScopes
NetworkManagerScopeAccesses : {"SecurityAdmin"}
NetworkManagerScopeAccessesText : [
    "SecurityAdmin"
]
NetworkManagerScopesText : {
    "Subscriptions": [
        "/subscriptions/0fd190fa-dd1c-4724-b7f6-c5cc3ba5c884"
    ]
}
TagsTable          :
DisplayName         :
Description         :
Type               : Microsoft.Network/networkManagers
ProvisioningState   : Succeeded
SystemData          : Microsoft.Azure.Commands.Network.Models.NetworkManager.PSSystemData
SystemDataText      : {
    "CreatedBy": "jaredgorthy@microsoft.com",
    "CreatedByType": "User",
    "CreatedAt": "2022-08-07T04:12:51.7463424Z",
    "LastModifiedBy": "jaredgorthy@microsoft.com",
    "LastModifiedByType": "User",
    "LastModifiedAt": "2022-08-07T04:12:51.7463424Z"
}
Name               : psNetworkManager
Etag               :
Id                : /subscriptions/f0dc2b34-dfad-40e4-83e0-2309fed8d00b/resourceGroups/psResourceGroup
```


Creates a network manager with security administrator access in West US, with a subscription in scope.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.network/new-aznetworkmanager>

New-AzNetworkManagerScope

Get-AzNetworkManager

Remove-AzNetworkManager