



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

PS: \>Get-HELP New-AzNetworkManagerConnectivityConfiguration -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-AzNetworkManagerConnectivityConfiguration

SYNOPSIS

Creates a network manager connectivity configuration.

SYNTAX

```

New-AzNetworkManagerConnectivityConfiguration -AppliesToGroup
<Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerConnectivityGroupItem[]>
    [-AsJob] -ConnectivityTopology {HubAndSpoke | Mesh} [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
    [-DeleteExistingPeering] [-Description <System.String>] [-Force] [-Hub
<Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerHub[]>] [-IsGlobal]
    -Name <System.String> -NetworkManagerName <System.String> -ResourceGroupName <System.String> [-Confirm]
[-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The New-AzNetworkManagerConnectivityConfiguration cmdlet creates a network manager connectivity configuration.

PARAMETERS

-AppliesToGroup

<Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerConnectivityGroupItem[]>

Connectivity Group.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-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

-ConnectivityTopology <System.String>

Connectivity Topology.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

-DeleteExistingPeering <System.Management.Automation.SwitchParameter>

DeleteExistingPeering Flag.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

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

-Hub <Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerHub[]>

Hub Id list.

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

-IsGlobal <System.Management.Automation.SwitchParameter>

IsGlobal Flag.

Required? false
Position? named
Default value False
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

-NetworkManagerName <System.String>

The network manager name.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? true

-ResourceGroupName <System.String>

The resource group name.

Required? true

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>).

INPUTS

System.String

System.Collections.Generic.List`1[[Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerConnectivityGroupItem,

Microsoft.Azure.PowerShell.Cmdlets.Network, Version=4.16.1.0, Culture=neutral, PublicKeyToken=null]]

System.Collections.Generic.List`1[[Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerHub, Microsoft.Azure.PowerShell.Cmdlets.Network,

Version=4.16.1.0, Culture=neutral, PublicKeyToken=null]]

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerConnectivityConfiguration

NOTES

----- Example 1 -----

```
$connectivityGroupItem = New-AzNetworkManagerConnectivityGroupItem -NetworkGroupId  
"/subscriptions/f0dc2b34-dfad-40e4-83e0-2309fed8d00b/resourceGroups/psResourceGroup/  
providers/Microsoft.Network/networkManagers/psNetworkManager/networkGroups/psNetworkGroup"  
$connectivityGroup = @($connectivityGroupItem)
```

```
$hub = New-AzNetworkManagerHub -ResourceId  
"/subscriptions/0fd190fa-dd1c-4724-b7f6-c5cc3ba5c884/resourceGroups/jaredgorthy-PowerShellTestResources/providers/  
Microsoft.
```

```
Network/virtualNetworks/powerShellTestVnetHub" -ResourceType "Microsoft.Network/virtualNetworks"
```

```
$hubList = @($hub)
```

```
New-AzNetworkManagerConnectivityConfiguration -ResourceGroupName psResourceGroup -Name  
"psConnectivityConfig" -NetworkManagerName psNetworkManager  
-ConnectivityTopology "HubAndSpoke" -Hub $hublist -AppliesToGroup $connectivityGroup -DeleteExistingPeering
```

```
ConnectivityTopology : HubAndSpoke
```

```
Hubs :
```

```
{/subscriptions/0fd190fa-dd1c-4724-b7f6-c5cc3ba5c884/resourceGroups/jaredgorthy-PowerShellTestResources/providers/  
Microsoft.Network/virtualNetw
```

```
orks/powerShellTestVnetHub}
```

```
DeleteExistingPeering : True
```

```
IsGlobal : False
```

```
AppliesToGroups :
```

```
{/subscriptions/f0dc2b34-dfad-40e4-83e0-2309fed8d00b/resourceGroups/psResourceGroup/providers/Microsoft.Network/ne  
tworkManagers/psNetworkManage
```

```
r/networkGroups/psNetworkGroup}
```

```
AppliesToGroupsText : [
```

```

{
    "NetworkGroupId":
"/subscriptions/f0dc2b34-dfad-40e4-83e0-2309fed8d00b/resourceGroups/psResourceGroup/providers/Microsoft.Network/ne
tworkManagers/psNetworkManager/networkGroups/psNetworkGroup",
    "UseHubGateway": "False",
    "IsGlobal": "False",
    "GroupConnectivity": "None"
}
]
HubsText      : [
{
    "ResourceId":
"/subscriptions/0fd190fa-dd1c-4724-b7f6-c5cc3ba5c884/resourceGroups/jaredgorthy-PowerShellTestResources/providers/
Microsoft.N
etwork/virtualNetworks/powerShellTestVnetHub",
    "ResourceType": "Microsoft.Network/virtualNetworks"
}
]
DisplayName    :
Description    :
Type           : Microsoft.Network/networkManagers/connectivityConfigurations
ProvisioningState : Succeeded
SystemData     : Microsoft.Azure.Commands.Network.Models.NetworkManager.PSSystemData
SystemDataText : {
    "CreatedBy": "jaredgorthy@microsoft.com",
    "CreatedByType": "User",
    "CreatedAt": "2022-08-07T04:37:43.1186543Z",
    "LastModifiedBy": "jaredgorthy@microsoft.com",
    "LastModifiedByType": "User",
    "LastModifiedAt": "2022-08-07T04:37:43.1186543Z"
}
Name           : psConnectivityConfig

```

Etag :
Id :

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

Creates a hub and spoke network manager connectivity configuration.

----- Example 2 -----

```
$connectivityGroupItem = New-AzNetworkManagerConnectivityGroupItem -NetworkGroupId  
"/subscriptions/f0dc2b34-dfad-40e4-83e0-2309fed8d00b/resourceGroups/psResourceGroup/  
providers/Microsoft.Network/networkManagers/psNetworkManager/networkGroups/psNetworkGroup"
```

```
[System.Collections.Generic.List[Microsoft.Azure.Commands.Network.Models.NetworkManager.PSNetworkManagerConnectivityGroupItem]]$connectivityGroup = @()
```

```
$connectivityGroup.Add($connectivityGroupItem)
```

```
New-AzNetworkManagerConnectivityConfiguration -ResourceGroupName psResourceGroup -Name  
"psConnectivityConfigMesh" -NetworkManagerName psNetworkManager  
-ConnectivityTopology "Mesh" -AppliesToGroup $connectivityGroup -DeleteExistingPeering
```

ConnectivityTopology : Mesh

Hubs : {}

DeleteExistingPeering : True

IsGlobal : False

AppliesToGroups :

```
{/subscriptions/f0dc2b34-dfad-40e4-83e0-2309fed8d00b/resourceGroups/psResourceGroup/providers/Microsoft.Network/networkManagers/psNetworkManager/networkGroups/psNetworkGroup}
```

AppliesToGroupsText : [

{

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

"UseHubGateway": "False",

"IsGlobal": "False",

"GroupConnectivity": "None"

}

]

HubsText : []

DisplayName :

Description :

Type : Microsoft.Network/networkManagers/connectivityConfigurations

ProvisioningState : Succeeded

SystemData : Microsoft.Azure.Commands.Network.Models.NetworkManager.PSSystemData

SystemDataText : {

"CreatedBy": "jaredgorthy@microsoft.com",

"CreatedByType": "User",

"CreatedAt": "2022-08-07T04:43:00.9075845Z",

"LastModifiedBy": "jaredgorthy@microsoft.com",

"LastModifiedByType": "User",

"LastModifiedAt": "2022-08-07T04:43:00.9075845Z"

}

Name : psConnectivityConfigMesh

Etag :

Id

:

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

/connectivityConfigurations/psConnectivityConfigMesh

Creates a mesh network manager connectivity configuration.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.network/new-aznetworkmanagerconnectivityconfiguration>

Get-AzNetworkManagerConnectivityConfiguration

Remove-AzNetworkManagerConnectivityConfiguration

Set-AzNetworkManagerConnectivityConfiguration