



Windows PowerShell Get-Help on Cmdlet 'Get-AzVirtualHub'

PS:\>Get-HELP Get-AzVirtualHub -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

Get-AzVirtualHub

SYNOPSIS

Gets an Azure VirtualHub by Name and ResourceGroupName or lists all Virtual Hubs by ResourceGroupName/Subscription.

SYNTAX

```

Get-AzVirtualHub [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>]
[-ResourceGroupName <System.String>] [<CommonParameters>]

```

DESCRIPTION

Gets an Azure VirtualHub by Name and ResourceGroupName or lists all Virtual Hubs by ResourceGroupName/Subscription.

PARAMETERS

-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

-Name <System.String>

The resource name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? true

-ResourceGroupName <System.String>

The resource group name.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? true

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

None

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSVirtualHub

NOTES

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

```
New-AzResourceGroup -Location "West US" -Name "testRG"
```

```
$virtualWan = New-AzVirtualWan -ResourceGroupName "testRG" -Name "myVirtualWAN" -Location "West US"
```

```
New-AzVirtualHub -VirtualWan $virtualWan -ResourceGroupName "testRG" -Name "westushub" -AddressPrefix  
"10.0.1.0/24"
```

```
Get-AzVirtualHub -ResourceGroupName "testRG" -Name "westushub"
```

VirtualWan :

/subscriptions/{subscriptionId}resourceGroups/testRG/providers/Microsoft.Network/virtualWans/myVirtualWAN

ResourceGroupName : testRG

Name : westushub

Id

```
/subscriptions/{subscriptionId}resourceGroups/testRG/providers/Microsoft.Network/virtualHubs/westushub
```

AddressPrefix : 10.0.1.0/24

RouteTable :

VirtualNetworkConnections : {}

Location : West US

Type : Microsoft.Network/virtualHubs

ProvisioningState : Succeeded

The above will create a resource group "testRG", a Virtual WAN and a Virtual Hub in West US in that resource group in Azure. The virtual hub will have the address space "10.0.1.0/24".

It then gets the virtual hub using its ResourceGroupName and ResourceName.

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

Get-AzVirtualHub -Name westushub*

VirtualWan :

```
/subscriptions/{subscriptionId}resourceGroups/testRG/providers/Microsoft.Network/virtualWans/myVirtualWAN
```

ResourceGroupName : testRG

Name : westushub1

Id :

```
/subscriptions/{subscriptionId}resourceGroups/testRG/providers/Microsoft.Network/virtualHubs/westushub1
```

AddressPrefix : 10.0.1.0/24

RouteTable :

VirtualNetworkConnections : {}

Location : West US

Type : Microsoft.Network/virtualHubs

ProvisioningState : Succeeded

VirtualWan

/subscriptions/{subscriptionId}resourceGroups/testRG/providers/Microsoft.Network/virtualWans/myVirtualWAN

ResourceGroupName : testRG

Name : westushub2

Id :

/subscriptions/{subscriptionId}resourceGroups/testRG/providers/Microsoft.Network/virtualHubs/westushub2

AddressPrefix : 10.0.1.0/24

RouteTable :

VirtualNetworkConnections : {}

Location : West US

Type : Microsoft.Network/virtualHubs

ProvisioningState : Succeeded

This cmdlet gets the virtual hub using filtering.

RELATED LINKS

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

New-AzVirtualHub

Remove-AzVirtualHub

Update-AzVirtualHub