



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

PS: \>Get-HELP Get-AzVirtualNetworkSubnetConfig -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-AzVirtualNetworkSubnetConfig

SYNOPSIS

Gets a subnet in a virtual network.

SYNTAX

```

Get-AzVirtualNetworkSubnetConfig [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>]
-VirtualNetwork <Microsoft.Azure.Commands.Network.Models.PSVirtualNetwork> [<CommonParameters>]
```

```

Get-AzVirtualNetworkSubnetConfig [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ResourceId
<System.String> [<CommonParameters>]
```

DESCRIPTION

The Get-AzVirtualNetworkSubnetConfig cmdlet gets one or more subnet configurations in an Azure virtual network.

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>

Specifies the name of the subnet configuration that this cmdlet gets.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceId <System.String>

Specifies the resource id of the subnet that this cmdlet gets.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-VirtualNetwork <Microsoft.Azure.Commands.Network.Models.PSVirtualNetwork>

Specifies the VirtualNetwork object that contains the subnet configuration that this cmdlet gets.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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

Microsoft.Azure.Commands.Network.Models.PSVirtualNetwork

System.String

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSSubnet

NOTES

----- 1: Get a subnet in a virtual network -----

```
New-AzResourceGroup -Name TestResourceGroup -Location centralus

$frontendSubnet = New-AzVirtualNetworkSubnetConfig -Name frontendSubnet -AddressPrefix "10.0.1.0/24"

$virtualNetwork = New-AzVirtualNetwork -Name MyVirtualNetwork -ResourceGroupName TestResourceGroup -Location
centralus -AddressPrefix "10.0.0.0/16" -Subnet
$frontendSubnet

Get-AzVirtualNetworkSubnetConfig -Name frontendSubnet -VirtualNetwork $virtualNetwork
```

This example creates a resource group and a virtual network with a single subnet in that resource group. It then retrieves data about that subnet.

RELATED LINKS

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

Add-AzVirtualNetworkSubnetConfig

New-AzVirtualNetworkSubnetConfig

Remove-AzVirtualNetworkSubnetConfig

Set-AzVirtualNetworkSubnetConfig