



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

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

SYNOPSIS

Creates an Azure RouteServer.

SYNTAX

```

New-AzRouteServer [-AllowBranchToBranchTraffic] [-AsJob] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Force] -HostedSubnet <System.String> [-HubRoutingPreference {ExpressRoute | VpnGateway | ASPath}] -Location
<System.String> [-PublicIpAddress
<Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress>] -ResourceGroupName <System.String>
-RouteServerName <System.String> [-Tag <System.Collections.Hashtable>]
[-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The New-AzRouteServer cmdlet creates an Azure RouteServer

PARAMETERS

-AllowBranchToBranchTraffic <System.Management.Automation.SwitchParameter>

Flag to allow branch to branch traffic for route server.

Required? false

Position? named

Default value False

Accept pipeline input? False

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

-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

-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

-HostedSubnet <System.String>

The subnet where the route server is hosted.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-HubRoutingPreference <System.String>

Routing Preference to route traffic

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Location <System.String>

The location.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PublicIpAddress <Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress>

The public ip address of ip configuration.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name of the route server.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-RouteServerName <System.String>

The name of the route server.

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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSRouteServer

NOTES

----- Example 1: Create a new router server -----

New-AzResourceGroup -Name myResourceGroup -Location eastus

\$subnet = New-AzVirtualNetworkSubnetConfig -Name RouteServerSubnet -AddressPrefix 10.0.0.0/24

\$vnet = New-AzVirtualNetwork -Name myVNet -ResourceGroupName myResourceGroup -Location eastus
-AddressPrefix 10.0.0.0/16 -Subnet \$subnet

\$subnetId = (Get-AzVirtualNetworkSubnetConfig -Name RouteServerSubnet -VirtualNetwork \$vnet).Id

\$publicIpAddress = New-AzPublicIpAddress -Name myRouteServerIP -ResourceGroupName myResourceGroup
-AllocationMethod Static -Location eastus -Sku Standard -Tier
Regional

New-AzRouteServer -RouteServerName myRouteServer -ResourceGroupName myResourceGroup -Location eastus
-HostedSubnet \$subnetId -PublicIpAddress \$publicIpAddress

RELATED LINKS

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