



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

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

SYNOPSIS

Creates an Azure ExpressRoutePort.

SYNTAX

```
New-AzExpressRoutePort [-AsJob] -BandwidthInGbps <System.Int32> [-BillingType <System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Encapsulation
    <System.String> [-Force] [-Identity
        <Microsoft.Azure.Commands.Network.Models.PSManagedServiceIdentity>] [-Link
        <Microsoft.Azure.Commands.Network.Models.PSExpressRouteLink[]>] -Location <System.String>
    -Name <System.String> -PeeringLocation <System.String> -ResourceGroupName <System.String> [-Tag
    <System.Collections.Hashtable>] [-Confirm] [-WhatIf]
    [<CommonParameters>]
```

New-AzExpressRoutePort [-AsJob] -BandwidthInGbps <System.Int32> [-BillingType <System.String>] [-DefaultProfile
 <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Encapsulation
 <System.String> [-Force] [-Identity
 <Microsoft.Azure.Commands.Network.Models.PSManagedServiceIdentity>] [-Link
 <Microsoft.Azure.Commands.Network.Models.PSExpressRouteLink[]>] -Location <System.String>
 -PeeringLocation <System.String> -ResourceId <System.String> [-Tag <System.Collections.Hashtable>] [-Confirm]
 [-WhatIf] [<CommonParameters>]

DESCRIPTION

The New-AzExpressRoutePort cmdlet creates an Azure ExpressRoutePort

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

-BandwidthInGbps <System.Int32>

Bandwidth of procured ports in Gbps

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-BillingType <System.String>

Billing type of the port

Required? false

Position? named

Default value MeteredData

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

-Encapsulation <System.String>

Encapsulation method on physical ports.

Required? true

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

-Identity <Microsoft.Azure.Commands.Network.Models.PSManagedServiceIdentity>

User Assigned Identity for reading MacSec configuration

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Link <Microsoft.Azure.Commands.Network.Models.PSExpressRouteLink[]>

The set of physical links of the ExpressRoutePort resource

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

-Name <System.String>

The name of the ExpressRoutePort.

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

-PeeringLocation <System.String>

The name of the peering location that the ExpressRoutePort is mapped to physically.

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

-ResourceGroupName <System.String>

The resource group name of the ExpressRoutePort.

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

-ResourceId <System.String>

ResourceId of the express route port.

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>).

INPUTS

System.String

System.Int32

System.Collections.Hashtable

Microsoft.Azure.Commands.Network.Models.PSExpressRouteLink[]

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSExpressRoutePort

NOTES

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

```
$parameters = @{  
    Name='ExpressRoutePort'  
    ResourceGroupName='ExpressRouteResourceGroup'  
    Location='West US'  
    PeeringLocation='Silicon Valley'  
    BandwidthInGbps=100  
    Encapsulation='QinQ'
```

```
}
```

```
New-AzExpressRoutePort @parameters
```

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

```
$parameters = @{
```

```
ResourceId='/subscriptions/<SubId>/resourceGroups/<ResourceGroupName>/providers/Microsoft.Network/expressRoutePorts/<PortName>'
```

```
Location='West US'
```

```
PeeringLocation='Silicon Valley'
```

```
BandwidthInGbps=100
```

```
Encapsulation='QinQ'
```

```
}
```

```
New-AzExpressRoutePort @parameters
```

RELATED LINKS

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

Get-AzExpressRoutePort

Remove-AzExpressRoutePort

Set-AzExpressRoutePort