



Windows PowerShell Get-Help on Cmdlet 'Add-AzExpressRoutePortAuthorization'

PS:\>Get-HELP Add-AzExpressRoutePortAuthorization -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

Add-AzExpressRoutePortAuthorization

SYNOPSIS

Adds an ExpressRoutePort authorization.

SYNTAX

```
Add-AzExpressRoutePortAuthorization [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>  
-ExpressRoutePortObject <Microsoft.Azure.Commands.Network.Models.PSExpressRoutePort> -Name <System.String>  
[-Confirm] [-WhatIf] [<CommonParameters>]
```

DESCRIPTION

The Add-AzExpressRoutePortAuthorization cmdlet adds an authorization to an ExpressRoutePort. The command can be used to add an authorization to an ExpressRoutePort.

ExpressRoutePort can create these authorizations which

generate an authorization key that can be used by a ExpressRoute circuit owner to create the circuit on the ExpressRoutePort (with a different owner). Only one

circuit can be created with one ExpressRoutePort authorization. Add-AzExpressRoutePortAuthorization adds a new authorization to a ExpressRoutePort and, at the same

time, generates the corresponding authorization key. These keys can be viewed at any time by running the Get-AzExpressRoutePortAuthorization cmdlet and, as needed,

can then be copied and forwarded to the appropriate circuit owner.

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

-ExpressRoutePortObject <Microsoft.Azure.Commands.Network.Models.PSExpressRoutePort>

The ExpressRoutePort Object

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Specifies a unique name for the new ExpressRoutePort authorization.

Required? true

Position? named
Default value None
Accept pipeline input? False
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

Microsoft.Azure.Commands.Network.Models.PSExpressRoutePort

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSExpressRoutePortAuthorization

NOTES

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

```
$ERPort = Get-AzExpressRoutePort -Name "ContosoPort" -ResourceGroupName "ContosoResourceGroup"
```

```
Name           : ContosoPort
ResourceGroupName : ContosoResourceGroup
Location        : westcentralus
Id              : /subscriptions/62364504-2406-418e-971c-05822ff72fad/resourceGroups/ContosoResourceGroup/providers/Microsoft.Network/expressRoutePorts/ContosoPort
Etag            : W/"cf987288-013e-40bf-a2aa-b29d017e7b7f"
ResourceGuid     : 4c0e5cdb-79e1-4cb8-a430-0ce9b24472ca
ProvisioningState : Succeeded
PeeringLocation  : Area51-ERDirect
BandwidthInGbps  : 100
ProvisionedBandwidthInGbps : 0
Encapsulation    : QinQ
Mtu              : 1500
EtherType        : 0x8100
AllocationDate    : Thursday, March 31, 2022
Identity         : null
Links            : [
                  {
```

```

    "Name": "link1",
    "Etag": "W/\"cf987288-013e-40bf-a2aa-b29d017e7b7f\"\"",
    "Id": "/subscriptions/62364504-2406-418e-971c-05822ff72fad/resourceGroups/ContosoResou
resourceGroup/providers/Microsoft.Network/expressRoutePorts/ContosoPort/links/link1",
    "RouterName": "a51-test-06gmr-cis-3",
    "InterfaceName": "HundredGigE15/15/19",
    "PatchPanelId": "PP:0123:1110201 - Port 42",
    "RackId": "A51 02050-0123-L",
    "ConnectorType": "LC",
    "AdminState": "Disabled",
    "ProvisioningState": "Succeeded",
    "MacSecConfig": {
      "SciState": "Disabled",
      "Cipher": "GcmAes128"
    }
  },
  {
    "Name": "link2",
    "Etag": "W/\"cf987288-013e-40bf-a2aa-b29d017e7b7f\"\"",
    "Id": "/subscriptions/62364504-2406-418e-971c-05822ff72fad/resourceGroups/ContosoResou
resourceGroup/providers/Microsoft.Network/expressRoutePorts/ContosoPort/links/link2",
    "RouterName": "a51-test-06gmr-cis-4",
    "InterfaceName": "HundredGigE15/15/19",
    "PatchPanelId": "2050:0124:1110854 - Port 42",
    "RackId": "A51 02050-0124-L",
    "ConnectorType": "LC",
    "AdminState": "Disabled",
    "ProvisioningState": "Succeeded",
    "MacSecConfig": {
      "SciState": "Disabled",
      "Cipher": "GcmAes128"
    }
  }
}

```

]

Circuits : []

```
Add-AzExpressRoutePortAuthorization -Name "ContosoPortAuthorization" -ExpressRoutePortObject $ERPort
```

Name : ContosoPortAuthorization

Id : /subscriptions/62364504-2406-418e-971c-05822ff72fad/resourceGroups/ContosoResourceGroup/providers/Microsoft.Network/expressRoutePorts/ContosoPort/authorizations/ContosoPortAuthorization

Etag : W/"36ccc199-c371-4d19-88cc-90d51bfe7ea9"

AuthorizationKey : 10d01cd7-0b67-4c44-88ca-51e7effa452d

AuthorizationUseStatus : Available

ProvisioningState : Succeeded

CircuitResourceUri :

The commands in this example add a new authorization to an existing ExpressRoutePort. The first command uses Get-AzExpressRoutePort to create an object reference to a

ExpressRoutePort named ContosoPort. That object reference is stored in a variable named \$ERPort. In the second command, the Add-AzExpressRoutePortAuthorization cmdlet

is used to add a new authorization (ContosoPortAuthorization) to the ExpressRoutePort.

RELATED LINKS

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

Get-AzExpressRoutePortAuthorization

Remove-AzExpressRoutePortAuthorization