



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

PS:\>Get-HELP Get-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

Get-AzExpressRoutePortAuthorization

SYNOPSIS

Gets information about ExpressRoutePort authorizations.

SYNTAX

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

DESCRIPTION

The Get-AzExpressRoutePortAuthorization cmdlet gets information about the authorizations assigned to an

ExpressRoutePort. The owner of an 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. Authorization keys, as well as other information about the authorization,

can be viewed at any time by running Get-AzExpressRoutePortAuthorization .

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 the name of the ExpressRoutePort authorization that this cmdlet gets.

Required? false

Position? named

Default value None

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

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/ContosoResourceGroup/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/ContosoResourceGroup/providers/Microsoft.Network/expressRoutePorts/ContosoPort/links/link2",

 "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"

 }

 }
]

```

    rceGroup/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 : []

```

```
Get-AzExpressRoutePortAuthorization -ExpressRoutePortObject $ERPort
```

```

Name           : ContosoPortAuthorization
Id             : /subscriptions/62364504-2406-418e-971c-05822ff72fad/resourceGroups/ContosoResourceGroup/provid
                ers/Microsoft.Network/expressRoutePorts/ContosoPort/authorizations/ContosoPortAuthorization
Etag           : W/"36ccc199-c371-4d19-88cc-90d51bfe7ea9"
AuthorizationKey : 10d01cd7-0b67-4c44-88ca-51e7effa452d
AuthorizationUseStatus : Available
ProvisioningState : Succeeded
CircuitResourceUri :

```

These commands return information about all the ExpressRoute authorizations associated with an ExpressRoutePort. The first command uses the Get-AzExpressRoutePort cmdlet to create an object reference a ExpressRoutePort named ContosoPort; that object reference is stored in the variable \$ERPort. The second command then uses that object reference and the Get-AzExpressRoutePortAuthorization cmdlet to return information about the authorizations associated with ContosoPort. You can also specify

the name of the authorization with this command to a specific authorization associated with ContosoPort.

RELATED LINKS

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

[Add-AzExpressRoutePortAuthorization](#)

[Remove-AzExpressRoutePortAuthorization](#)