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

PS:\>Get-HELP Get-AzExpressRouteCircuitAuthorization -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-AzExpressRouteCircuitAuthorization

SYNOPSIS

Gets information about ExpressRoute circuit authorizations.

SYNTAX

Get-AzExpressRouteCircuitAuthorization [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-ExpressRouteCircuit <Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuit> [-Name <System.String>] [<CommonParameters>]

DESCRIPTION

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

ExpressRoute circuit. ExpressRoute circuits connect your

on-premises network to the Microsoft cloud by using a connectivity provider instead of the public Internet. The owner of an ExpressRoute circuit can create as many as

10 authorizations for each circuit; these authorizations generate an authorization key that can be used by a virtual network owner to connect his or her network to

the circuit (one authorization per virtual network). Authorization keys, as well as other information about the authorization, can be viewed at any time by running

Get-AzExpressRouteCircuitAuthorization .

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

-ExpressRouteCircuit <Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuit>

Specifies the ExpressRoute circuit authorization.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-Name <System.String>

Specifies the name of the ExpressRoute circuit authorization that this cmdlet gets. -Name "ContosoCircuitAuthorization"

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.PSExpressRouteCircuit

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuitAuthorization

NOTES

-------- Example 1: Get all ExpressRoute authorizations --------

```
$Circuit = Get-AzExpressRouteCircuit -Name "ContosoCircuit" -ResourceGroupName "ContosoResourceGroup"
Get-AzExpressRouteCircuitAuthorization -ExpressRouteCircuit $Circuit
```

These commands return information about all the ExpressRoute authorizations associated with an ExpressRoute circuit.

The first command uses the

Get-AzExpressRouteCircuit cmdlet to create an object reference a circuit named ContosoCircuit; that object reference is stored in the variable $Circuit. The second

command then uses that object reference and the Get-AzExpressRouteCircuitAuthorization cmdlet to return information about the authorizations associated with

ContosoCircuit.

Example 2: Get all ExpressRoute authorizations using the Where-Object cmdlet

```
$Circuit = Get-AzExpressRouteCircuit -Name "ContosoCircuit" -ResourceGroupName "ContosoResourceGroup"
Get-AzExpressRouteCircuitAuthorization -ExpressRouteCircuit $Circuit | Where-Object {$_.AuthorizationUseStatus -eq "Available"}
```

These commands represent a variation on the commands used in Example 1. In this case, however, information is returned only for those authorizations that are

available for use (that is, for authorizations that have not been assigned to a virtual network). To do this, the circuit authorization information is returned in

command 2 and is piped to the Where-Object cmdlet. Where-Object then picks out only those authorizations where the AuthorizationUseStatus property is set to

Available. To list only those authorizations that are not available, use this syntax for the Where clause: `{$_.AuthorizationUseStatus -ne "Available"}`

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.network/get-azexpressroutecircuitauthorization

Add-AzExpressRouteCircuitAuthorization

Get-AzExpressRouteCircuit

New-AzExpressRouteCircuitAuthorization

Remove-AzExpressRouteCircuitAuthorization