



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

PS:\>Get-HELP Get-AzExpressRouteCircuitARPTable -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-AzExpressRouteCircuitARPTable

SYNOPSIS

Gets the ARP table from an ExpressRoute circuit.

SYNTAX

```
Get-AzExpressRouteCircuitARPTable [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DevicePath {Primary |  
    Secondary} -ExpressRouteCircuitName <System.String> -PeeringType {AzurePrivatePeering | AzurePublicPeering |  
    MicrosoftPeering} -ResourceGroupName <System.String>  
[<CommonParameters>]
```

DESCRIPTION

The Get-AzExpressRouteCircuitARPTable cmdlet retrieves the ARP table from both interfaces of an ExpressRoute circuit. The ARP table provides a mapping of the IPv4

address to MAC address for a particular peering. You can use the ARP table to validate layer 2 configuration and connectivity.

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

-DevicePath <Microsoft.Azure.Commands.Network.DevicePathEnum>

The acceptable values for this parameter are: `Primary` or `Secondary`

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ExpressRouteCircuitName <System.String>

The name of the ExpressRoute circuit being examined.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-PeeringType <System.String>

The acceptable values for this parameter are: `AzurePrivatePeering`, `AzurePublicPeering`, and `MicrosoftPeering`

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

The name of the resource group containing the ExpressRoute circuit.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuitArpTable

NOTES

-- Example 1: Display the ARP table for an ExpressRoute peer --

```
Get-AzExpressRouteCircuitARPTable -ResourceGroupName $RG -ExpressRouteCircuitName $CircuitName  
-PeeringType MicrosoftPeering -DevicePath Primary
```

RELATED LINKS

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

Get-AzExpressRouteCircuitRouteTable

Get-AzExpressRouteCircuitRouteTableSummary

Get-AzExpressRouteCircuitStat