



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

PS: \>Get-HELP Get-AzExpressRouteCrossConnectionArpTable -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-AzExpressRouteCrossConnectionArpTable

SYNOPSIS

Gets the ARP table from an ExpressRoute cross connection.

SYNTAX

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

```
Get-AzExpressRouteCrossConnectionArpTable [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -DevicePath
{Primary | Secondary} -ExpressRouteCrossConnectionName <System.String> [<CommonParameters>]
```

<Microsoft.Azure.Commands.Network.Models.PSExpressRouteCrossConnection> -PeeringType {AzurePrivatePeering | AzurePublicPeering | MicrosoftPeering} [<CommonParameters>]

DESCRIPTION

The `Get-AzExpressRouteCrossConnectionARPTable` cmdlet retrieves the ARP table from both interfaces of an ExpressRoute cross connection. 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

`-CrossConnectionName` <System.String>

The Name of Express Route Cross Connection

Required? true

Position? named

Default value None

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

`-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

-ExpressRouteCrossConnection <Microsoft.Azure.Commands.Network.Models.PSExpressRouteCrossConnection>

The Express Route Cross Connection

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 cross connection.

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

None

This cmdlet does not accept any input.

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSExpressRouteCircuitArpTable

NOTES

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

```
Get-AzExpressRouteCrossConnectionARPTable -ResourceGroupName $RG -CrossConnectionName  
$CrossConnectionName -PeeringType MicrosoftPeering -DevicePath Primary
```

RELATED LINKS

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

Get-AzExpressRouteCrossConnectionRouteTable

