



Windows PowerShell Get-Help on Cmdlet 'New-AzRecoveryServicesAsrVMNicConfig'

PS: \>Get-HELP New-AzRecoveryServicesAsrVMNicConfig -Full

NAME

New-AzRecoveryServicesAsrVMNicConfig

SYNOPSIS

Creates an ASR NIC config that contains the failover and test failover related configuration details.

SYNTAX

```

New-AzRecoveryServicesAsrVMNicConfig [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-EnableAcceleratedNetworkingOnRecovery] [-EnableAcceleratedNetworkingOnTfo] [-IPConfig
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.PSIPConfigInputDetails[]>] -NicId <System.String>
[-RecoveryNetworkSecurityGroupId <System.String>]
[-RecoveryNicName <System.String>] [-RecoveryNicResourceGroupName <System.String>] [-RecoveryVMNetworkId
<System.String>] -ReplicationProtectedItem
<Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem> [-ReuseExistingNic]
[-TfoNetworkSecurityGroupId <System.String>] [-TfoNicName
<System.String>] [-TfoNicResourceGroupName <System.String>] [-TfoReuseExistingNic] [-TfoVMNetworkId
<System.String>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The `New-AzRecoveryServicesAsrVMNicConfig` cmdlet creates an ASR NIC config object that contains the failover and test failover related details. In case any information

is not passed, the corresponding values are picked from the replication protected item to avoid these values being updated to null.

> [!IMPORTANT] > We have deprecated the parameters corresponding to IP Configs from the cmdlet, and encapsulated them into a new cmdlet object. Please create a new

object using the cmdlet `New-AzRecoveryServicesAsrVMNicIPConfig` and pass that as a parameter. Please refer to the examples below for more clarity.

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

`-EnableAcceleratedNetworkingOnRecovery <System.Management.Automation.SwitchParameter>`

Specifies whether accelerated networking is enabled on recovery NIC.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-EnableAcceleratedNetworkingOnTfo <System.Management.Automation.SwitchParameter>`

Specifies whether accelerated networking is enabled on test failover NIC.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-IPConfig <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.PSIPConfigInputDetails[]>

Specifies test failover/failover settings of NIC IP configs.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-NicId <System.String>

Specify the ASR NIC GUID.

Required?	true
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-RecoveryNetworkSecurityGroupId <System.String>

Specifies the ID of the NSG associated with recovery NIC.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False

Accept wildcard characters? false

-RecoveryNicName <System.String>

Specifies the name of the recovery NIC.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RecoveryNicResourceGroupName <System.String>

Specifies the name of the recovery NIC resource group.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-RecoveryVMNetworkId <System.String>

Specifies the ID of the recovery virtual network.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ReplicationProtectedItem <Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRReplicationProtectedItem>

Specify the ASR Replication Protected Item.

Required? true

Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-ReuseExistingNic <System.Management.Automation.SwitchParameter>

Specifies whether an existing NIC can be used during failover.

Required? false
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-TfoNetworkSecurityGroupId <System.String>

Specifies the ID of the NSG associated with test failover NIC.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-TfoNicName <System.String>

Specifies the name of the test failover NIC.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-TfoNicResourceGroupName <System.String>

Specifies the name of the test failover NIC resource group.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-TfoReuseExistingNic <System.Management.Automation.SwitchParameter>

Specifies whether an existing NIC can be used during test failover.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-TfoVMNetworkId <System.String>

Specifies the ID of the test failover virtual network.

Required?	false
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>).

INPUTS

None

OUTPUTS

Microsoft.Azure.Commands.RecoveryServices.SiteRecovery.ASRVMNicConfig

NOTES

```

$ipConfig1 = New-AzRecoveryServicesAsrVMNicIPConfig -IpConfigName "ipconfig1" -RecoverySubnetName "default" `
-TfoSubnetName "default" -RecoveryStaticIPAddress "10.1.40.10" -TfoStaticIPAddress "10.3.4.33"

$ipConfig2 = New-AzRecoveryServicesAsrVMNicIPConfig -IpConfigName "ipconfig2" -IsSelectedForFailover
-RecoverySubnetName "default" `
-TfoSubnetName "default" -RecoveryStaticIPAddress "10.1.40.13" -TfoStaticIPAddress "10.3.4.32"

$ipConfigs = @($ipConfig1, $ipConfig2)

$nicConfig = New-AzRecoveryServicesAsrVMNicConfig -NicId $AsrNicGuid -ReplicationProtectedItem $Rpi
-RecoveryVMNetworkId $recoveryNetworkId `
-TfoVMNetworkId $tfoNetworkId -IPConfig $ipConfigs

```

Creates an ASRVmNicConfig object with the failover and test failover networking settings configured for the NIC. Any property that's not passed above is fetched from the protected item passed.

----- Example 2 -----

```

$nicConfig = New-AzRecoveryServicesAsrVMNicConfig -NicId $AsrNicGuid -ReplicationProtectedItem $Rpi -TfoNicName
$TfoNicName -TfoNicResourceGroupName $TfoNicRgName
-TfoReuseExistingNic

```

Creates an ASRVmNicConfig object with the test faiover networking settings configured for the NIC renaming. Any property that's not passed above is fetched from the protected item passed.

RELATED LINKS

Online

Version:

<https://learn.microsoft.com/powershell/module/az.recoveryservices/New-AzRecoveryServicesAsrVMNicConfig>

