



Windows PowerShell Get-Help on Cmdlet 'Set-AzPublicIpAddress'

PS:\>Get-HELP Set-AzPublicIpAddress -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

Set-AzPublicIpAddress

SYNOPSIS

Updates a public IP address.

SYNTAX

```
Set-AzPublicIpAddress [-AsJob] [-DefaultProfile  
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -PublicIpAddress  
<Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress> [<CommonParameters>]
```

DESCRIPTION

The Set-AzPublicIpAddress cmdlet updates a public IP address.

PARAMETERS

-AsJob <System.Management.Automation.SwitchParameter>

Run cmdlet in the background

Required? false

Position? named

Default value False

Accept pipeline input? False

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

-PublicIpAddress <Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress>

Specifies a public IP address object representing the state to which the public IP address should be set.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

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.PSPublicIpAddress

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSPublicIpAddress

NOTES

----- 1: Change allocation method of a public IP address -----

```
$publicIp = Get-AzPublicIpAddress -Name $publicIpName -ResourceGroupName $rgName
```

```
$publicIp.PublicIpAllocationMethod = "Static"
```

```
Set-AzPublicIpAddress -PublicIpAddress $publicIp
```

```
Get-AzPublicIpAddress -Name $publicIpName -ResourceGroupName $rgName
```

First command gets the public IP address resource with name \$publicIPName in the resource group \$rgName.

Second command sets the allocation method of the

public IP address object to "Static". Set-AzPublicIPAddress command updates the public IP address resource with the updated object, and modifies the

allocation method to 'Static'. A public IP address gets allocated immediately.

----- 2: Add DNS domain label of a public IP address -----

```
$publicIp = Get-AzPublicIpAddress -Name $publicIpName -ResourceGroupName $rgName
```

```
$publicIp.DnsSettings = @{"DomainNameLabel" = "newdnsprefix"}
```

```
Set-AzPublicIpAddress -PublicIpAddress $publicIp
```

```
$publicIp = Get-AzPublicIpAddress -Name $publicIpName -ResourceGroupName $rgName
```

First command gets the public IP address resource with name \$publicIPName in the resource group \$rgName.
Second command sets the DomainNameLabel property to the required dns prefix. Set-AzPublicIpAddress command updates the public IP address resource with the updated object. DomainNameLabel & Fqdn are modified as expected.

----- 3: Change DNS domain label of a public IP address -----

```
$publicIp = Get-AzPublicIpAddress -Name $publicIpName -ResourceGroupName $rgName
```

```
$publicIp.DnsSettings.DomainNameLabel = "newdnsprefix"
```

```
Set-AzPublicIpAddress -PublicIpAddress $publicIp
```

```
$publicIp = Get-AzPublicIpAddress -Name $publicIpName -ResourceGroupName $rgName
```

First command gets the public IP address resource with name \$publicIPName in the resource group \$rgName.
Second command sets the DomainNameLabel property to the required dns prefix. Set-AzPublicIpAddress command updates the public IP address resource with the updated object. DomainNameLabel & Fqdn are modified as expected.

RELATED LINKS

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

[Get-AzPublicIpAddress](#)

[New-AzPublicIpAddress](#)

[Remove-AzPublicIpAddress](#)