



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

PS:\>Get-HELP Get-AzPublicIpPrefix -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-AzPublicIpPrefix

SYNOPSIS

Gets a public IP prefix

SYNTAX

```

Get-AzPublicIpPrefix [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Name
<System.String>]
[-ResourceGroupName <System.String>] [<CommonParameters>]
```

```

Get-AzPublicIpPrefix [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -ResourceId
<System.String>
```

[<CommonParameters>]

DESCRIPTION

The Get-AzPublicIpPrefix cmdlet gets one or more public IP prefixes in a resource group.

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

-Name <System.String>

The resource name.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	true

-ResourceGroupName <System.String>

The resource group name.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)

Accept wildcard characters? true

-ResourceId <System.String>

The resource Id.

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.PSPublicIpPrefix

NOTES

```
Get-AzPublicIpPrefix -ResourceGroupName myRg -Name myPublicIpPrefix1
```

```
Name           : myPublicIpPrefix1
ResourceGroupName : myRg
Location        : westus
Id              : /subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/myRg/providers/Mic
                rosoft.Network/publicIPPrefixes/myPublicIpPrefix1
Etag            : W/"00000000-0000-0000-0000-000000000000"
ResourceGuid     : 00000000-0000-0000-0000-000000000000
ProvisioningState : Succeeded
Tags            :
PublicIpAddressVersion : IPv4
PrefixLength     : 28
IPPrefix         : xx.xx.xx.xx/xx
IdleTimeoutInMinutes :
Zones            : {}
Sku              : {
                  "Name": "Standard",
                  "Tier": "Regional"
                }
IpTags           : []
PublicIpAddresses : []
```

This command gets a public IP prefix resource with myPublicIpPrefix1 in resource group myRg

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

```
Get-AzPublicIpPrefix -Name myPublicIpPrefix*
```

```
Name           : myPublicIpPrefix1
ResourceGroupName : myRg
```

Location : westus

Id : /subscriptions/00000000-0000-0000-0000-000000000000/resourceGroups/myRg/providers/Microsoft.Network/publicIPPrefixes/myPublicIpPrefix1

Etag : W/"00000000-0000-0000-0000-000000000000"

ResourceGuid : 00000000-0000-0000-0000-000000000000

ProvisioningState : Succeeded

Tags :

PublicIpAddressVersion : IPv4

PrefixLength : 28

IPPrefix : xx.xx.xx.xx/xx

IdleTimeoutInMinutes :

Zones : {}

Sku : {
 "Name": "Standard",
 "Tier": "Regional"
}

IpTags : []

PublicIpAddresses : []

This command gets all public IP prefix resources that start with myPublicIpPrefix.

RELATED LINKS

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

New-AzPublicIpPrefix

Remove-AzPublicIpPrefix

Set-AzPublicIpPrefix