



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

PS:\>Get-HELP Get-AzPrivateDnsZone -Full

NAME

Get-AzPrivateDnsZone

SYNOPSIS

Gets a Private DNS zone.

SYNTAX

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

DESCRIPTION

The Get-AzPrivateDnsZone cmdlet gets a Private Domain Name System (DNS) zone from the specified resource group. If you specify the Name parameter, a single PrivateDnsZone object is returned. If you do not specify the Name parameter, an array containing all of the zones in the specified resource group is returned. You can use the PrivateDnsZone object to update the zone, for example you can add RecordSet objects to it.

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>

Specifies the name of the Private DNS zone to get. If you do not specify a value for the Name parameter, this cmdlet gets all Private DNS zones in the specified

resource group. If you also omit the ResourceGroupName parameter, this cmdlet gets all Private DNS zones in the current Azure subscription.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group that contains the Private DNS zone to get. If you do not specify the ResourceGroupName , then you must also omit the Name

parameter. In this case, this cmdlet gets all Private DNS zones in the current Azure subscription.

Required? false

Position? named

Default value None

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.PrivateDns.Models.PSPrivateDnsZone

NOTES

----- Example 1: Get a zone -----

```
$Zone = Get-AzPrivateDnsZone -ResourceGroupName "MyResourceGroup" -Name "myzone.com"
```

Name : myzone.com

ResourceId: :

"/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/MyResourceGroup/PrivateZones/myzone.com"

ResourceGroupName : MyResourceGroup

Location :

Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

Tags : {}
NumberOfRecordSets : 1
MaxNumberOfRecordSets : 5000

This example gets the Private DNS zone named myzone.com from the specified resource group, and then stores it in the \$Zone variable.

----- Example 2: Get all of the zones in a resource group -----

\$Zones = Get-AzPrivateDnsZone -ResourceGroupName "MyResourceGroup"

Name : zone1.com
ResourceId :
/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/MyResourceGroup/providers/Microsoft.Network/privateDnsZones/zone1.com
ResourceGroupName : MyResourceGroup
Location :
Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
Tags :
NumberOfRecordSets : 1
MaxNumberOfRecordSets : 5000

Name : zone2.com
ResourceId :
/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/MyResourceGroup/providers/Microsoft.Network/privateDnsZones/zone2.com
ResourceGroupName : MyResourceGroup
Location :
Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
Tags :
NumberOfRecordSets : 1
MaxNumberOfRecordSets : 5000

This example gets all of the Private DNS zones in the specified resource group, and then stores it in the \$Zones variable.

----- Example 3: Get all of the zones in a subscription -----

```
$Zones = Get-AzPrivateDnsZone
```

```
Name           : zone1.com
ResourceId      : /subscriptions/xxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/MyResourceGroup1/providers/Microsoft.Network/privateDnsZones/zone1.com
ResourceGroupName : MyResourceGroup1
Location        :
Etag            : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
Tags           :
NumberOfRecordSets : 1
MaxNumberOfRecordSets : 5000
```

```
Name           : zone2.com
ResourceId      : /subscriptions/xxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/MyResourceGroup2/providers/Microsoft.Network/privateDnsZones/zone2.com
ResourceGroupName : MyResourceGroup2
Location        :
Etag            : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
Tags           :
NumberOfRecordSets : 1
MaxNumberOfRecordSets : 5000
```

This example gets all of the Private DNS zones in the current Azure subscription, and then stores them in the \$Zones variable.

RELATED LINKS

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

New-AzPrivateDnsZone

Remove-AzPrivateDnsZone

Set-AzPrivateDnsZone