



## *Windows PowerShell Get-Help on Cmdlet 'New-AzPrivateDnsRecordConfig'*

***PS:\>Get-HELP New-AzPrivateDnsRecordConfig -Full***

### NAME

New-AzPrivateDnsRecordConfig

### SYNOPSIS

Creates a new Private DNS record local object.

### SYNTAX

```
New-AzPrivateDnsRecordConfig -Cname <System.String> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[<CommonParameters>]
```

```
New-AzPrivateDnsRecordConfig [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-Exchange
<System.String>
-Preference <System.UInt16> [<CommonParameters>]
```

```
New-AzPrivateDnsRecordConfig [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-Ipv4Address
<System.String>
```

[<CommonParameters>]

New-AzPrivateDnsRecordConfig

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-Ipv6Address

<System.String>

[<CommonParameters>]

New-AzPrivateDnsRecordConfig

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Port <System.UInt16>

-Priority <System.UInt16> -Target <System.String> -Weight <System.UInt16> [<CommonParameters>]

New-AzPrivateDnsRecordConfig

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

-Ptrdname

<System.String>

[<CommonParameters>]

New-AzPrivateDnsRecordConfig

[-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Value <System.String>

[<CommonParameters>]

## DESCRIPTION

The New-AzPrivateDnsRecordConfig cmdlet creates a local PSPrivateDnsRecord object. An array of these objects is passed to the New-AzPrivateDnsRecordSet cmdlet using

the PrivateDnsRecord parameter to specify the records to create in the record set.

## PARAMETERS

-Cname <System.String>

The canonical name for the CNAME record to add. Must not be relative to the name of the zone. Must not have a terminating dot

Required? true  
Position? named  
Default value None  
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

-Exchange <System.String>

The mail exchange host for the MX record to add. Must not be relative to the name of the zone. Must not have a terminating dot

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

-Ipv4Address <System.String>

The IPv4 address for the A record to add.

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

-Ipv6Address <System.String>

The IPv6 address for the AAAA record to add.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Port <System.UInt16>

The port number for the SRV record to add.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Preference <System.UInt16>

The preference value for the MX record to add.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Priority <System.UInt16>

The priority value SRV record to add.

Required? true

Position? named

Default value           None

Accept pipeline input?   False

Accept wildcard characters? false

**-Ptrdname <System.String>**

The target host for the PTR record to add. Must not be relative to the name of the zone. Must not have a terminating dot

Required?           true

Position?           named

Default value           None

Accept pipeline input?   False

Accept wildcard characters? false

**-Target <System.String>**

The target host for the SRV record to add. Must not be relative to the name of the zone. Must not have a terminating dot

Required?           true

Position?           named

Default value           None

Accept pipeline input?   False

Accept wildcard characters? false

**-Value <System.String>**

The text value for the TXT record to add.

Required?           true

Position?           named

Default value           None

Accept pipeline input?   False

Accept wildcard characters? false

-Weight <System.UInt16>

The weight value for the SRV record to add.

Required? true

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.PSPrivateDnsRecordSet

#### NOTES

----- Example 1: Create a RecordSet of type A -----

\$Records = @()

```
$Records += New-AzPrivateDnsRecordConfig -IPv4Address 1.2.3.4
```

```
$RecordSet = New-AzPrivateDnsRecordSet -Name "www" -RecordType A -ResourceGroupName "MyResourceGroup"  
-TTL 3600 -ZoneName "myzone.com" -PrivateDnsRecords $Records
```

# When creating a RecordSet containing a single record, the above sequence can also be condensed into a single line:

```
$RecordSet = New-AzPrivateDnsRecordSet -Name "www" -RecordType A -ResourceGroupName "MyResourceGroup"  
-TTL 3600 -ZoneName "myzone.com" -PrivateDnsRecords  
(New-AzPrivateDnsRecordConfig -IPv4Address 1.2.3.4)
```

```
Id :  
  
/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/MyResourceGroup/providers/Microsoft.Netwo  
rk/privateDnsZones/myzone.com/A/www  
  
Name : www  
  
ZoneName : myzone.com  
  
ResourceGroupName : MyResourceGroup  
  
Ttl : 3600  
  
Etag : xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx  
  
RecordType : A  
  
Records : {1.2.3.4}  
  
Metadata :  
  
IsAutoRegistered :
```

# To create a record set containing multiple records, use New-AzPrivateDnsRecordConfig to add each record to the \$Records array,

# then call New-AzPrivateDnsRecordSet, as follows:

```
$Records = @()  
  
$Records += New-AzPrivateDnsRecordConfig -IPv4Address 1.2.3.4  
  
$Records += New-AzPrivateDnsRecordConfig -IPv4Address 5.6.7.8  
  
$RecordSet = New-AzPrivateDnsRecordSet -Name "www" -RecordType A -ResourceGroupName "MyResourceGroup"  
-TTL 3600 -ZoneName "myzone.com" -PrivateDnsRecords $Records
```

Id

:

/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/MyResourceGroup/providers/Microsoft.Network/privateDnsZones/myzone.com/A/www

Name : www

ZoneName : myzone.com

ResourceGroupName : MyResourceGroup

Ttl : 3600

Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

RecordType : A

Records : {1.2.3.4, 5.6.7.8}

Metadata :

IsAutoRegistered :

This example creates a RecordSet named www in the private zone myzone.com. The record set is of type A and has a TTL of 1 hour (3600 seconds). It contains a single Private DNS record.

----- Example 2: Create a RecordSet of type AAAA -----

\$Records = @()

\$Records += New-AzPrivateDnsRecordConfig -Ipv6Address 2001:db8::1

\$RecordSet = New-AzPrivateDnsRecordSet -Name "www" -RecordType AAAA -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -PrivateDnsRecords \$Records

Id : /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/myresourcegroup/providers/Microsoft.Network/privateDnsZones/myzone.com/AAAA/www

Name : www

ZoneName : myzone.com

ResourceGroupName : MyResourceGroup

Ttl : 3600

Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx

RecordType : AAAA  
Records : {2001:db8::1}  
Metadata :  
IsAutoRegistered :

This example creates a RecordSet named www in the private zone myzone.com. The record set is of type AAAA and has a TTL of 1 hour (3600 seconds). It contains a single

Private DNS record. To create a RecordSet using only one line of `pn_PowerShell_short`, or to create a record set with multiple records, see Example 1.

----- Example 3: Create a RecordSet of type CNAME -----

```
$Records = @()
$Records += New-AzPrivateDnsRecordConfig -Cname www.contoso.com
$RecordSet = New-AzPrivateDnsRecordSet -Name "www" -RecordType CNAME -ResourceGroupName
"MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -PrivateDnsRecords $Records
```

Id : /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/myresourcegroup/providers/Microsoft.Network/privateDnsZones/myzone.com/CNAME/www  
Name : www  
ZoneName : myzone.com  
ResourceGroupName : MyResourceGroup  
Ttl : 3600  
Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx  
RecordType : CNAME  
Records : {www.contoso.com}  
Metadata :  
IsAutoRegistered :

This example creates a RecordSet named www in the private zone myzone.com. The record set is of type CNAME and has a TTL of 1 hour (3600 seconds). It contains a

single Private DNS record. To create a RecordSet using only one line of `pn_PowerShell_short`, or to create a record set

with multiple records, see Example 1.

----- Example 4: Create a RecordSet of type MX -----

```
$Records = @()
$Records += New-AzPrivateDnsRecordConfig -Exchange "mail.microsoft.com" -Preference 5
$RecordSet = New-AzPrivateDnsRecordSet -Name "www" -RecordType MX -ResourceGroupName "MyResourceGroup"
-TTL 3600 -ZoneName "myzone.com" -PrivateDnsRecords $Records
```

```
Id          : /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/myresourcegroup/providers/Micros
             oft.Network/privateDnsZones/myzone.com/MX/www
Name        : www
ZoneName    : myzone.com
ResourceGroupName : MyResourceGroup
Ttl         : 3600
Etag        : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx
RecordType  : MX
Records     : {[5,mail.microsoft.com]}
Metadata    :
IsAutoRegistered :
```

This command creates a RecordSet named www in the private zone myzone.com. The record set is of type MX and has a TTL of 1 hour (3600 seconds). It contains a single

Private DNS record. To create a RecordSet using only one line of `pn_PowerShell_short`, or to create a record set with multiple records, see Example 1.

----- Example 5: Create a RecordSet of type PTR -----

```
$Records = @()
$Records += New-AzPrivateDnsRecordConfig -Ptrdname www.contoso.com
$RecordSet = New-AzPrivateDnsRecordSet -Name "4" -RecordType PTR -ResourceGroupName "MyResourceGroup"
```

-TTL 3600 -ZoneName "3.2.1.in-addr.arpa" -PrivateDnsRecords

\$Records

Id : /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx/resourceGroups/myresourcegroup/providers/Microsoft.Network/privateDnsZones/3.2.1.in-addr.arpa/PTR/4

Name : 4

ZoneName : 3.2.1.in-addr.arpa

ResourceGroupName : MyResourceGroup

Ttl : 3600

Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx

RecordType : PTR

Records : {www.contoso.com}

Metadata :

IsAutoRegistered :

This command creates a RecordSet named 4 in the private zone 3.2.1.in-addr.arpa. The record set is of type PTR and has a TTL of 1 hour (3600 seconds). It contains a

single Private DNS record. To create a RecordSet using only one line of `pn_PowerShell_short`, or to create a record set with multiple records, see Example 1.

----- Example 6: Create a RecordSet of type SRV -----

\$Records = @()

\$Records += New-AzPrivateDnsRecordConfig -Priority 0 -Weight 5 -Port 8080 -Target sipservice.contoso.com

\$RecordSet = New-AzPrivateDnsRecordSet -Name "\_sip.\_tcp" -RecordType SRV -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -PrivateDnsRecords

\$Records

Id : /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx/resourceGroups/myresourcegroup/providers/Microsoft.Network/privateDnsZones/myzone.com/SRV/\_sip.\_tcp

Name : \_sip.\_tcp

ZoneName : myzone.com

ResourceGroupName : MyResourceGroup  
Ttl : 3600  
Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx  
RecordType : SRV  
Records : {[0,5,8080,sip,service.contoso.com]}  
Metadata :  
IsAutoRegistered :

This command creates a RecordSet named `_sip._tcp` in the private zone `myzone.com`. The record set is of type SRV and has a TTL of 1 hour (3600 seconds). It contains a

single Private DNS record, pointing to the IP address 2001.2.3.4. The service (sip) and the protocol (tcp) are specified as part of the record set name, not as part

of the record data. To create a RecordSet using only one line of `pn_PowerShell_short`, or to create a record set with multiple records, see Example 1.

----- Example 7: Create a RecordSet of type TXT -----

```
$Records = @()  
$Records += New-AzPrivateDnsRecordConfig -Value "This is a TXT Record"  
$RecordSet = New-AzPrivateDnsRecordSet -Name "text" -RecordType TXT -ResourceGroupName "MyResourceGroup"  
-TTL 3600 -ZoneName "myzone.com" -PrivateDnsRecords $Records
```

Id : /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx/resourceGroups/myresourcegroup/providers/Microsoft.Network/privateDnsZones/myzone.com/TXT/text  
Name : text  
ZoneName : myzone.com  
ResourceGroupName : MyResourceGroup  
Ttl : 3600  
Etag : xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxx  
RecordType : TXT  
Records : {This is a TXT Record}  
Metadata :

IsAutoRegistered :

This command creates a RecordSet named text in the private zone myzone.com. The record set is of type TXT and has a TTL of 1 hour (3600 seconds). It contains a single

Private DNS record. To create a RecordSet using only one line of `pn_PowerShell_short`, or to create a record set with multiple records, see Example 1.

#### RELATED LINKS

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