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

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

NAME

New-AzDnsRecordConfig

SYNOPSIS

Creates a new DNS record local object.

SYNTAX

New-AzDnsRecordConfig -Algorithm <System.Int32> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Digest <System.String> -DigestType <System.Int32> -KeyTag <System.Int32> [<CommonParameters>]

New-AzDnsRecordConfig -CaaFlags <System.Byte> -CaaTag <System.String> -CaaValue <System.String> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [<CommonParameters>]

New-AzDnsRecordConfig -CertificateAssociationData <System.String> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -MatchingType <System.Int32> -Selector <System.Int32> -Usage <System.Int32>

[<CommonParameters>]

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

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

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

New-AzDnsRecordConfig [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Ipv6Address <System.String>
[<CommonParameters>]

New-AzDnsRecordConfig [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Nsdname <System.String>
[<CommonParameters>]

New-AzDnsRecordConfig [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Port <System.UInt16>
-Priority
<System.UInt16> -Target <System.String> -Weight <System.UInt16> [<CommonParameters>]

New-AzDnsRecordConfig [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Ptrdname

<System.String>

[<CommonParameters>]

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

[<CommonParameters>]

DESCRIPTION

The New-AzDnsRecordConfig cmdlet creates a local DnsRecord object. An array of these objects is passed to the New-AzDnsRecordSet cmdlet using the DnsRecords parameter

to specify the records to create in the record set.

PARAMETERS

-Algorithm <System.Int32>

The algorithm field of the DS record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-CaaFlags <System.Byte>

The flags for the CAA record to add. Must be a number between 0 and 255.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-CaaTag <System.String>

The tag field of the CAA record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-CaaValue <System.String>

The value field for the CAA record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-CertificateAssociationData <System.String>

The certificate association data field of the TLSA record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Cname <System.String>

Specifies the domain name for a canonical name (CNAME) record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

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

-Digest <System.String>

The digest field of the DS record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DigestType <System.Int32>

The digest type field of the DS record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Exchange <System.String>

Specifies the mail exchange server name for a mail exchange (MX) record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Ipv4Address <System.String>

Specifies an IPv4 address for an A record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Ipv6Address <System.String>

Specifies an IPv6 address for an AAAA record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-KeyTag <System.Int32>

The key tag field of the DS record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-MatchingType <System.Int32>

The matching type field of the TLSA record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Nsdname <System.String>

Specifies the name server name for a name server (NS) record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Port <System.UInt16>

Specifies the port for a service (SRV) record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Preference <System.UInt16>

Specifies the preference for an MX record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Priority <System.UInt16>

Specifies the priority for an SRV record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Ptrdname <System.String>

Specifies the target domain name of a pointer resource (PTR) record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Selector <System.Int32>

The selector field of the TLSA record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Target <System.String>

Specifies the target for an SRV record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Usage <System.Int32>

The usage field of the TLSA record to add.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Value <System.String>

Specifies the value for a TXT record.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Weight <System.UInt16>

Specifies the weight for an SRV record.

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

System.UInt16

System.Byte

OUTPUTS

Microsoft.Azure.Commands.Dns.DnsRecordBase

NOTES

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

$Records = @()

$Records += New-AzDnsRecordConfig -IPv4Address 1.2.3.4

$RecordSet = New-AzDnsRecordSet -Name "www" -RecordType A -ResourceGroupName "MyResourceGroup" -TTL

3600 -ZoneName "myzone.com" -DnsRecords $Records

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

$RecordSet = New-AzDnsRecordSet -Name "www" -RecordType A -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords (New-AzDnsRecordConfig
-IPv4Address 1.2.3.4)

To create a record set containing multiple records, use New-AzDnsRecordConfig to add each record to the $Records array,
then call New-AzDnsRecordSet, as follows:

$Records = @()
$Records += New-AzDnsRecordConfig -IPv4Address 1.2.3.4
$Records += New-AzDnsRecordConfig -IPv4Address 5.6.7.8
$RecordSet = New-AzDnsRecordSet -Name "www" -RecordType A -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords $Records

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

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

$Records = @()
$Records += New-AzDnsRecordConfig -Ipv6Address 2001:db8::1
$RecordSet = New-AzDnsRecordSet -Name "www" -RecordType AAAA -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords $Records

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

$RecordSet = New-AzDnsRecordSet -Name "www" -RecordType CNAME -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords $Records

This example creates a RecordSet named www in the zone myzone.com. The record set is of type CNAME and has a TTL of 1 hour (3600 seconds). It contains a single 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-AzDnsRecordConfig -Exchange "mail.microsoft.com" -Preference 5

$RecordSet = New-AzDnsRecordSet -Name "www" -RecordType AAAA -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords $Records

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

$Records = @()

$Records += New-AzDnsRecordConfig -Nsdname ns1-01.azure-dns.com

$RecordSet = New-AzDnsRecordSet -Name "ns1" -RecordType NS -ResourceGroupName "MyResourceGroup" -TTL

3600 -ZoneName "myzone.com" -DnsRecords $Records

This command creates a RecordSet named ns1 in the zone myzone.com. The record set is of type NS and has a TTL of 1 hour (3600 seconds). It contains a single 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 PTR ----------

$Records = @()

$Records += New-AzDnsRecordConfig -Ptrdname www.contoso.com

$RecordSet = New-AzDnsRecordSet -Name "4" -RecordType PTR -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "3.2.1.in-addr.arpa" -DnsRecords $Records

This command creates a RecordSet named 4 in the 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

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 7: Create a RecordSet of type SRV ----------

$Records = @()

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

$RecordSet = New-AzDnsRecordSet -Name "_sip._tcp" -RecordType SRV -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords $Records

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

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 8: Create a RecordSet of type TXT ----------

$Records = @()

$Records += New-AzDnsRecordConfig -Value "This is a TXT Record"

$RecordSet = New-AzDnsRecordSet -Name "text" -RecordType TXT -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords $Records

This command creates a RecordSet named text in the zone myzone.com. The record set is of type TXT and has a TTL of 1 hour (3600 seconds). It contains a single 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 9: Create a RecordSet of type DS ----------

$Records = @()

$Records += New-AzDnsRecordConfig -KeyTag 12345 -Algorithm 3 -DigestType 1 -Digest "49FD46E6C4B45C55D4AC"

$RecordSet = New-AzDnsRecordSet -Name "childds" -RecordType DS -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords $Records

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

record. The record data contains the key tag, algorithm, digest type, and digest of the child zone's DNSKEY 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 10: Create a RecordSet of type TLSA ---------

$Records = @()

$Records += New-AzDnsRecordConfig -Usage 3 -Selector 1 -MatchingType 1 -CertificateAssociationData "49FD46E6C4B45C55D4AC"

$RecordSet = New-AzDnsRecordSet -Name "_443._tcp.www" -RecordType TLSA -ResourceGroupName "MyResourceGroup" -TTL 3600 -ZoneName "myzone.com" -DnsRecords $Records

This command creates a RecordSet named _443._tcp.www in the zone myzone.com. The record set is of type TLSA and has a TTL of 1 hour (3600 seconds). It contains a

single DNS record. The record data contains the usage, selector, and matching type of the certificate association 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.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.dns/new-azdnsrecordconfig

Add-AzDnsRecordConfig

New-AzDnsRecordSet

Remove-AzDnsRecordConfig