



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

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

NAME

New-AzServiceBusNamespace

SYNOPSIS

Creates a new ServiceBus namespace.

SYNTAX

```
New-AzServiceBusNamespace -Name <String> -ResourceGroupName <String> [-SubscriptionId <String>] -Location  
<String> [-AlternateName <String>] [-DisableLocalAuth]  
[-KeyVaultProperty <IKeyVaultProperties[]>] [-PremiumMessagingPartition <Int32>] [-RequireInfrastructureEncryption]  
[-IdentityType <String>] [-ZoneRedundant]  
[-UserAssignedIdentityId <String[]>] [-MinimumTlsVersion <String>] [-PublicNetworkAccess <String>] [-SkuName  
<String>] [-SkuCapacity <Int32>] [-Tag <Hashtable>]  
[-DefaultProfile <PSObject>] [-AsJob] [-Break] [-HttpPipelineAppend <SendAsyncStep[]>] [-HttpPipelinePrepend  
<SendAsyncStep[]>] [-NoWait] [-Proxy <Uri>]  
[-ProxyCredential <PSCredential>] [-ProxyUseDefaultCredentials] [-WhatIf] [-Confirm] [<CommonParameters>]
```

Creates a new ServiceBus namespace.

PARAMETERS

-Name <String>

The name of ServiceBusNamespace

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ResourceGroupName <String>

The name of the ResourceGroupName.

Required? true

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SubscriptionId <String>

The ID of the target subscription.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Location <String>

Resource Location.

Required? true
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AlternateName <String>

Alternate name for namespace

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-DisableLocalAuth [<SwitchParameter>]

This property disables SAS authentication for the Service Bus namespace.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-KeyVaultProperty <IKeyVaultProperties[]>

Properties of KeyVault

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PremiumMessagingPartition <Int32>

The number of partitions of a Service Bus namespace.

This property is only applicable to Premium SKU namespaces.

The default value is 1 and possible values are 1, 2 and 4

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-RequireInfrastructureEncryption [<SwitchParameter>]

Enable Infrastructure Encryption (Double Encryption)

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-IdentityType <String>

Type of managed service identity.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ZoneRedundant [<SwitchParameter>]

Enabling this property creates a Premium Service Bus Namespace in regions supported availability zones.

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-UserAssignedIdentityId <String[]>

Properties for User Assigned Identities

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-MinimumTlsVersion <String>

The minimum TLS version for the cluster to support, e.g.
'1.2'

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-PublicNetworkAccess <String>

This determines if traffic is allowed over public network.
By default it is enabled.

Required? false
Position? named
Default value
Accept pipeline input? false

Accept wildcard characters? false

-SkuName <String>

Name of this SKU.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-SkuCapacity <Int32>

The specified messaging units for the tier.

For Premium tier, capacity are 1,2 and 4.

Required? false

Position? named

Default value 0

Accept pipeline input? false

Accept wildcard characters? false

-Tag <Hashtable>

Resource tags.

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-DefaultProfile <PSObject>

The credentials, account, tenant, and subscription used for communication with Azure.

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-AsJob [<SwitchParameter>]

Run the command as a job

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-Break [<SwitchParameter>]

Wait for .NET debugger to attach

Required? false
Position? named
Default value False
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelineAppend <SendAsyncStep[]>

SendAsync Pipeline Steps to be appended to the front of the pipeline

Required? false
Position? named
Default value
Accept pipeline input? false
Accept wildcard characters? false

-HttpPipelinePrepend <SendAsyncStep[]>

SendAsync Pipeline Steps to be prepended to the front of the pipeline

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-NoWait [<SwitchParameter>]

Run the command asynchronously

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-Proxy <Uri>

The URI for the proxy server to use

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyCredential <PSCredential>

Credentials for a proxy server to use for the remote call

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-ProxyUseDefaultCredentials [<SwitchParameter>]

Use the default credentials for the proxy

Required? false

Position? named

Default value False

Accept pipeline input? false

Accept wildcard characters? false

-WhatIf [<SwitchParameter>]

Required? false

Position? named

Default value

Accept pipeline input? false

Accept wildcard characters? false

-Confirm [<SwitchParameter>]

Required? false

Position? named

Default value

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

OUTPUTS

Microsoft.Azure.PowerShell.Cmdlets.ServiceBus.Models.ISbNamespace

NOTES

COMPLEX PARAMETER PROPERTIES

To create the parameters described below, construct a hash table containing the appropriate properties. For information on hash tables, run Get-Help

about_Hash_Tables.

KEYVAULTPROPERTY <IKeyVaultProperties[]>: Properties of KeyVault

[KeyName <String>]: Name of the Key from KeyVault

[KeyVaultUri <String>]: Uri of KeyVault

[KeyVersion <String>]: Version of KeyVault

[UserAssignedIdentity <String>]: ARM ID of user Identity selected for encryption

----- EXAMPLE 1 -----

```
PS C:\>$id1 = "/subscriptions/0000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedIdentities/myFirstIdentity"
```

```
$id2 = "/subscriptions/0000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedIdentities/mySecondIdentity"
```

```
$keyVaultProperty1 = New-AzServiceBusKeyVaultPropertiesObject -KeyName key4 -KeyVaultUri https://testkeyvault.vault.azure.net/ -UserAssignedIdentity
```

```
"/subscriptions/0000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedIdentities/myFirstIdentity"
```

```
$keyVaultProperty2 = New-AzServiceBusKeyVaultPropertiesObject -KeyName key5 -KeyVaultUri https://testkeyvault.vault.azure.net/ -UserAssignedIdentity
```

```
"/subscriptions/0000000000000000/resourceGroups/myResourceGroup/providers/Microsoft.ManagedIdentity/userAssignedIdentities/myFirstIdentity"
```

```
New-AzServiceBusNamespace -ResourceGroupName myResourceGroup -Name myNamespace -SkuName Premium  
-Location northeurope -IdentityType UserAssigned  
-UserAssignedIdentityID $id1,$id2 -KeyVaultProperty $keyVaultProperty1,$keyVaultProperty2
```

----- EXAMPLE 2 -----

```
PS C:\>New-AzServiceBusNamespace -ResourceGroupName myResourceGroup -Name myNamespace -SkuName  
Premium -Location northeurope -IdentityType SystemAssigned
```

----- EXAMPLE 3 -----

```
PS C:\>New-AzServiceBusNamespace -ResourceGroupName myResourceGroup -Name myNamespace -SkuName  
Standard -Location southcentralus -Tag @{k1='v1'; k2='v2'}  
-DisableLocalAuth
```

RELATED LINKS

<https://learn.microsoft.com/powershell/module/az.servicebus/new-azservicebusnamespace>