



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

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

NAME

New-AzAutomationConnection

SYNOPSIS

Creates an Automation connection.

SYNTAX

```
New-AzAutomationConnection [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String>
[-Name] <System.String> [-ConnectionTypeName] <System.String>
                                [-ConnectionFieldValues] <System.Collections.IDictionary> [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
                                [-Description <System.String>] [<CommonParameters>]
```

DESCRIPTION

The New-AzAutomationConnection cmdlet creates a connection in Azure Automation.

-AutomationAccountName <System.String>

Specifies the name of the Automation account for which this cmdlet creates a connection.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ConnectionFieldValues <System.Collections.IDictionary>

Specifies a hash table that contains key/value pairs. The keys represent the connection fields for the specified connection type. The values represent the

specific values of each connection field for the connection instance.

Required? true

Position? 4

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ConnectionTypeName <System.String>

Specifies the name of the connection type.

Required? true

Position? 3

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

-Description <System.String>

Specifies a description for the connection.

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

-Name <System.String>

Specifies a name for the connection.

Required? true
Position? 2
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of the resource group for which this cmdlet creates a connection.

Required? true
Position? 0
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

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.Collections.IDictionary

OUTPUTS

Microsoft.Azure.Commands.Automation.Model.Connection

NOTES

- Example 1: Create a connection for ConnectionTypeName=Azure -

```
$FieldValues = @{"AutomationCertificateName"="ContosoCertificate";"SubscriptionID"="81b59010-dc55-45b7-89cd-5ca26db62472"}
New-AzAutomationConnection -Name "Connection12" -ConnectionTypeName Azure -ConnectionFieldValues $FieldValues -ResourceGroupName "ResourceGroup01" -AutomationAccountName "AutomationAccount01"
```

The first command assigns a hash table of field values to the \$FieldValue variable. The second command creates an Azure connection named Connection12 in the

Automation account named AutomationAccount01. The command uses the connection field values in \$FieldValues.

Example 2: Create a connection for ConnectionTypeName=AzureServicePrincipal

```
$Thumbprint = "0SZTNJ34TCCMUJ5MJZGR8XQD3S0RVHJBA33Z8ZXV"
```

```
$TenantId = "4cd76576-b611-43d0-8f2b-adcb139531bf"
```

```
$ApplicationId = "3794a65a-e4e4-493d-ac1d-f04308d712dd"
```

```
$SubscriptionId = "81b59010-dc55-45b7-89cd-5ca26db62472"
```

```
$RunAsAccountConnectionFieldValues = @{"ApplicationId" = $ApplicationId; "TenantId" = $TenantId;
```

```
"CertificateThumbprint" = $Thumbprint; "SubscriptionId" =
```

```
$SubscriptionId}
```

```
New-AzAutomationConnection -Name "Connection13" -ConnectionTypeName AzureServicePrincipal
```

```
-ConnectionFieldValues $RunAsAccountConnectionFieldValues -ResourceGroupName
```

```
"ResourceGroup01" -AutomationAccountName "AutomationAccount01"
```

The command creates an Azure connection named Connection13 in the Automation account named AutomationAccount01 using \$RunAsAccountConnectionFieldValues and

ConnectionTypeName=AzureServicePrincipal. This ConnectionTypeName=AzureServicePrincipal is mainly used for Azure Run As Account.

Example 3: Create a connection for ConnectionTypeName=AzureClassicCertificate

```
$SubscriptionName = "MyTestSubscription"
```

```
$SubscriptionId = "81b59010-dc55-45b7-89cd-5ca26db62472"
```

```
$ClassicRunAsAccountCertificateAssetName = "AzureClassicRunAsCertificate"
```

```
$ClassicRunAsAccountConnectionFieldValues = @{"SubscriptionName" = $SubscriptionName; "SubscriptionId" =  
$SubscriptionId; "CertificateAssetName" =
```

```
$ClassicRunAsAccountCertificateAssetName}
```

```
New-AzAutomationConnection -Name "Connection14" -ConnectionTypeName AzureClassicCertificate
```

```
-ConnectionFieldValues $ClassicRunAsAccountConnectionFieldValues
```

```
-ResourceGroupName "ResourceGroup01" -AutomationAccountName "AutomationAccount01"
```

The command creates an Azure connection named Connection14 in the Automation account named AutomationAccount01 using \$ClassicRunAsAccountConnectionFieldValues and

ConnectionTypeName=AzureClassicCertificate. This ConnectionTypeName=AzureClassicCertificate is mainly used for Azure Classic Run As Account.

RELATED LINKS

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

Get-AzAutomationConnection

Remove-AzAutomationConnection