



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

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

NAME

Get-AzAutomationDscNode

SYNOPSIS

Gets DSC nodes from Automation.

SYNTAX

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

```
Get-AzAutomationDscNode [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String>  
[-DefaultProfile  
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Id <System.Guid>  
[<CommonParameters>]
```

```
Get-AzAutomationDscNode [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String>  
[-DefaultProfile
```

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<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -Name
<System.String> [-Status {Compliant | NotCompliant | Failed | Pending
| Received | Unresponsive}] [<CommonParameters>]

Get-AzAutomationDscNode [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
-NodeConfigurationName <System.String> [-Status {Compliant | NotCompliant |
Failed | Pending | Received | Unresponsive}] [<CommonParameters>]

Get-AzAutomationDscNode [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String>
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Status {Compliant |
NotCompliant | Failed | Pending | Received |
Unresponsive}] [<CommonParameters>]

DESCRIPTION

The Get-AzAutomationDscNode cmdlet gets APS Desired State Configuration (DSC) nodes from Azure Automation.

PARAMETERS

-AutomationAccountName <System.String>

Specifies the name of the Automation account that contains the DSC nodes that this cmdlet gets.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ConfigurationName <System.String>

Specifies the name of a DSC configuration. This cmdlet gets DSC nodes that match the node configurations generated

from the configuration that this parameter specifies.

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

-Id <System.Guid>

Specifies the unique ID of the DSC node that this cmdlet gets.

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

-Name <System.String>

Specifies the name of a DSC node that this cmdlet gets.

Required?	true
Position?	named
Default value	None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NodeConfigurationName <System.String>

Specifies the name of a node configuration that this cmdlet gets.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the name of a resource group in which this cmdlet gets DSC nodes.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Status <Microsoft.Azure.Commands.Automation.Common.DscNodeStatus>

Specifies the status of the DSC nodes that this cmdlet gets. Valid values are: - Compliant

- NotCompliant

- Failed

- Pending

- Received

- Unresponsive

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

System.Guid

System.String

OUTPUTS

Microsoft.Azure.Commands.Automation.Model.DscNode

NOTES

----- Example 1: Get all DSC nodes -----

```
Get-AzAutomationDscNode -ResourceGroupName "ResourceGroup03" -AutomationAccountName "Contoso17"
```

This command gets metadata for all DSC nodes in the Automation account named Contoso17.

----- Example 2: Get all DSC nodes for a DSC configuration -----

```
Get-AzAutomationDscNode -ResourceGroupName "ResourceGroup03" -AutomationAccountName "Contoso17"  
-ConfigurationName "ContosoConfiguration"
```

This command gets metadata for all DSC nodes in the Automation account named Contoso17 that are mapped to a DSC node configuration which was generated by DSC configuration ContosoConfiguration.

----- Example 3: Get a DSC node by ID -----

```
Get-AzAutomationDscNode -ResourceGroupName "ResourceGroup03" -AutomationAccountName "Contoso17" -Id  
c0a1718e-d8be-4fa3-91b6-82e1d3a36298
```

This command gets metadata on a DSC node with the specified ID in the Automation account named Contoso17.

----- Example 4: Get a DSC node by name -----

```
Get-AzAutomationDscNode -ResourceGroupName "ResourceGroup03" -AutomationAccountName "Contoso17" -Name  
"Computer14"
```

This command gets metadata on a DSC node with the name Computer14 in the Automation account named Contoso17.

Example 5: Get all DSC nodes mapped to a DSC node configuration

```
Get-AzAutomationDscNode -ResourceGroupName "ResourceGroup03" -AutomationAccountName "Contoso17"  
-NodeConfigurationName "ContosoConfiguration.webserver"
```

This command gets metadata on all DSC nodes in the Automation account named Contoso17 that are mapped to a DSC node configuration named ContosoConfiguration.webserver.

RELATED LINKS

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

Register-AzAutomationDscNode

Set-AzAutomationDscNode

Unregister-AzAutomationDscNode