Windows PowerShell Get-Help on Cmdlet 'Start-AzAutomationDscCompilationJob'

PS:\>Get-HELP Start-AzAutomationDscCompilationJob -Full

NAME

Start-AzAutomationDscCompilationJob

SYNOPSIS

Compiles a DSC configuration in Automation.

SYNTAX

Start-AzAutomationDscCompilationJob [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-ConfigurationName] <System.String>

[-ConfigurationData <System.Collections.IDictionary>] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-IncrementNodeConfigurationBuild] [-Parameters <System.Collections.IDictionary>] [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Start-AzAutomationDscCompilationJob cmdlet compiles an APS Desired State Configuration (DSC) configuration in Azure Automation.

PARAMETERS

-AutomationAccountName <System.String>

Specifies the name of the Automation account that contains the DSC configuration that this cmdlet compiles.

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ConfigurationData <System.Collections.IDictionary>

Specifies a dictionary of configuration data for DSC configuration.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ConfigurationName <System.String>

Specifies the name of the DSC configuration that this cmdlet compiles.

Required? true

Position? 2

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

-IncrementNodeConfigurationBuild <System.Management.Automation.SwitchParameter>

Creates a new Node Configuration build version.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Parameters <System.Collections.IDictionary>

Specifies a dictionary of parameters that this cmdlet uses to compile the DSC configuration.

Required? false

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 compiles a configuration.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

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

System.String

OUTPUTS

Microsoft.Azure.Commands.Automation.Model.CompilationJob

NOTES

- Example 1: Compile an Azure DSC configuration in Automation -

$Params = @{"StringParam"="Hello World";"IntegerParam"=32}

Start-AzAutomationDscCompilationJob -ConfigurationName "Config01" -Parameters $Params -ResourceGroupName "ResourceGroup01"

The first command creates a dictionary of parameters, and stores them in the $Params variable. The second command compiles the DSC configuration named Config01. The

command includes the values in $Params for DSC configuration parameters.

Example 2: Compile an Azure DSC configuration in Automation with a new Node Configuration build version.

$Params = @{"StringParam"="Hello World";"IntegerParam"=32}

Start-AzAutomationDscCompilationJob -ConfigurationName "Config01" -Parameters $Params -ResourceGroupName "ResourceGroup01" -IncrementNodeConfigurationBuild

Similar to the first example, the first command creates a dictionary of parameters, and stores them in the $Params variable. The second command compiles the DSC

configuration named Config01. The command includes the values in $Params for DSC configuration parameters. It does not override the earlier existing Node

Configuration by creating a new Node Configuration with the name `Config01[<2>].<NodeName>`. The version number is incremented based on the existing version number

already present.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.automation/start-azautomationdsccompilationjob

Get-AzAutomationDscCompilationJob

Get-AzAutomationDscCompilationJobOutput