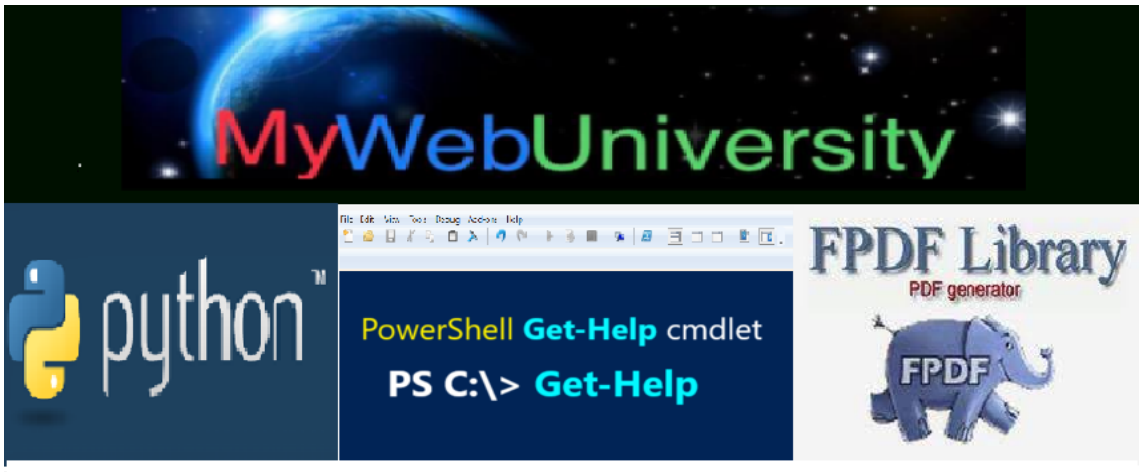

Full credit is given to all the above companies including the Operating System that this PDF file was generated!

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

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

NAME

Start-AzAutomationDscNodeConfigurationDeployment

SYNOPSIS

Deploys a DSC Node configuration in Automation.

SYNTAX

Start-AzAutomationDscNodeConfigurationDeployment [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-NodeConfigurationName] <System.String> [-NodeName] <System.String[][]> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-Schedule <Microsoft.Azure.Commands.Automation.Model.Schedule>] [-Confirm] [-WhatIf] [<CommonParameters>]

Start-AzAutomationDscNodeConfigurationDeployment [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-NodeConfigurationName] <System.String> [-NodeName] <System.String[][]> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] -InputObject <Microsoft.Azure.Commands.Automation.Model.NodeConfigurationDeployment> [-Confirm] [-WhatIf] [<CommonParameters>]

DESCRIPTION

The Start-AzAutomationDscNodeConfigurationDeployment cmdlet deploys a Desired State Configuration (DSC) node 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

-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

-Force <System.Management.Automation.SwitchParameter>

ps_force

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-InputObject <Microsoft.Azure.Commands.Automation.Model.NodeConfigurationDeployment>

Input object for Piping

Required? true

Position? named

Default value None

Accept pipeline input? True (ByValue)

Accept wildcard characters? false

-NodeConfigurationName <System.String>

Specifies the name of the DSC node configuration that this cmdlet deploys.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-NodeName <System.String[][]>

Specifies the names of the nodes to which the Node Configuration would be deployed to.

Required? true

Position? 3

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

-Schedule <Microsoft.Azure.Commands.Automation.Model.Schedule>

Automation Schedule object to schedule the deployment job.

Required? false

Position? named

Default value None

Accept pipeline input? False

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

Microsoft.Azure.Commands.Automation.Model.NodeConfigurationDeployment

OUTPUTS

Microsoft.Azure.Commands.Automation.Model.NodeConfigurationDeployment

NOTES

Example 1: Deploy an Azure DSC node configuration in Automation

```
$pilot = @("WebServerPilot1", "WebServerPilot2")
$prod = @("WebServerProd1", "WebServerProd2")
$nodes = @($pilot, $prod)
Start-AzAutomationDscNodeConfigurationDeployment `
        -NodeConfigurationName "Config01.Node1" `
        -AutomationAccountName "Contoso01"  `
        -ResourceGroupName "ResourceGroup01" `
        -NodeName $nodes
```

Starting a node configuration deployment.

Starting a node configuration deployment. It will override any existing node configurations assigned to the node.

[Y] Yes [N] No [S] Suspend [?] Help (default is "Y"): Yes

ResourceGroupName   : ResourceGroup01

AutomationAccountName : Contoso01

JobId   : 35b14eb4-52b7-4a1d-ad62-8e9f84adc657

Job   : Microsoft.Azure.Commands.Automation.Model.Job

JobStatus   : New

NodeStatus   :

NodeConfigurationName : Config01.Node1

JobSchedule   :

JobScheduleId   : 00000000-0000-0000-0000-000000000000

The above command deploys the DSC node configuration named "Config01.Node1" to the given two-dimensional array of Node Names. The deployment happens in a staged

manner.

Example 2: Schedule an Azure DSC node configuration deployment in Automation

```
$sched = New-AzAutomationSchedule -AutomationAccountName "Contoso01" `
        -ResourceGroupName "ResourceGroup01" `
        -Name "TestSchedule" `
        -StartTime "23:00" `
        -OneTime
$pilot = @("WebServerPilot1", "WebServerPilot2")
$prod = @("WebServerProd1", "WebServerProd2")
$nodes = @($pilot, $prod)
Start-AzAutomationDscNodeConfigurationDeployment `
        -NodeConfigurationName "Config01.Node1" `
        -AutomationAccountName "Contoso01"  `
```

```
    -ResourceGroupName "ResourceGroup01" `
    -NodeName $nodes `
    -Schedule $sched
```

```
Starting a node configuration deployment.
Starting a node configuration deployment. It will override any existing node configurations assigned to the node.
[Y] Yes  [N] No  [S] Suspend  [?] Help (default is "Y"): Y

ResourceGroupName     : ResourceGroup01
AutomationAccountName : Contoso01
JobId                 : 00000000-0000-0000-0000-000000000000
Job                   :
JobStatus             :
NodeStatus            :
NodeConfigurationName : Config01.Node1
JobSchedule           : Microsoft.Azure.Commands.Automation.Model.JobSchedule
JobScheduleId         : 2b1d7738-093d-4ff7-b87b-e4b2321319e5
```

The above command schedules a deployment of a DSC node configuration named "Config01.Node1" to the given two-dimensional array of Node Names. The deployment happens in a staged manner and will be executed based on the schedule.

RELATED LINKS

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

Start-AzAutomationDscCompilationJob

Import-AzAutomationDscNodeConfiguration

Stop-AzAutomationDscNodeConfigurationDeployment

Get-AzAutomationDscNodeConfigurationDeployment

Get-AzAutomationDscNodeConfigurationDeploymentSchedule

New-AzAutomationSchedule