



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

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

NAME

New-AzAutomationSoftwareUpdateConfiguration

SYNOPSIS

Creates a scheduled azure automation software update configuration.

SYNTAX

```
New-AzAutomationSoftwareUpdateConfiguration [-ResourceGroupName] <System.String> [-AutomationAccountName]
<System.String> [-AzureQuery
    <Microsoft.Azure.Commands.Automation.Model.UpdateManagement.AzureQueryProperties[]>] [-AzureVMResourceId
<System.String[]>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Duration
<System.TimeSpan>] [-ExcludedKbNumber <System.String[]>]
[-IncludedKbNumber <System.String[]>] [-IncludedUpdateClassification {Unclassified | Critical | Security | UpdateRollup |
FeaturePack | ServicePack | Definition |
    Tools | Updates}] [-NonAzureComputer <System.String[]>] [-NonAzureQuery
<Microsoft.Azure.Commands.Automation.Model.UpdateManagement.NonAzureQueryProperties[]>]
[-PostTaskRunbookName <System.String>] [-PostTaskRunbookParameter <System.Collections.Hashtable>]
[-PreTaskRunbookName <System.String>] [-PreTaskRunbookParameter
```


Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-AzureQuery <Microsoft.Azure.Commands.Automation.Model.UpdateManagement.AzureQueryProperties[]>

Dynamic group azure query.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-AzureVMResourceId <System.String[]>

Resource Ids for azure virtual machines.

Required? false

Position? named

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

-Duration <System.TimeSpan>

Maximum duration for the update.

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

-ExcludedKbNumber <System.String[]>

KB numbers of excluded updates.

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

-ExcludedPackageNameMask <System.String[]>

Excluded Linux package masks.

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

-IncludedKbNumber <System.String[]>

KB numbers of included updates.

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

<Microsoft.Azure.Commands.Automation.Model.UpdateManagement.LinuxPackageClasses[]>

Included Linux package classifications.

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

-IncludedPackageNameMask <System.String[]>

Included Linux package masks.

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

<Microsoft.Azure.Commands.Automation.Model.UpdateManagement.WindowsUpdateClasses[]>

Included Windows Update classifications.

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

-Linux <System.Management.Automation.SwitchParameter>

Indicates that the software update configuration targeting Linux operating system machines.

Required? true

Position? named
Default value False
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-NonAzureComputer <System.String[]>

Non-Az computer names.

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

-NonAzureQuery <Microsoft.Azure.Commands.Automation.Model.UpdateManagement.NonAzureQueryProperties[]>

Dynamic group non Azure query.

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

-PostTaskRunbookName <System.String>

Post task.

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

-PostTaskRunbookParameter <System.Collections.Hashtable>

Post task parameter.

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

-PreTaskRunbookName <System.String>

Pre task.

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

-PreTaskRunbookParameter <System.Collections.Hashtable>

Pre task parameter.

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

-RebootOnly <System.Management.Automation.SwitchParameter>

Indicates that the software update configuration will Only Reboot the machines.

Required? false
Position? named
Default value False
Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-RebootSetting <Microsoft.Azure.Commands.Automation.Model.UpdateManagement.RebootSetting>

Reboot Setting.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ResourceGroupName <System.String>

The resource group name.

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

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

Schedule object used for software update configuration.

Required? true

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Windows <System.Management.Automation.SwitchParameter>

Indicates that the software update configuration targeting windows operating system machines.

Required? true

Position? named
Default value False
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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

Microsoft.Azure.Commands.Automation.Model.Schedule

System.Management.Automation.SwitchParameter

System.String[]

System.TimeSpan

Microsoft.Azure.Commands.Automation.Model.UpdateManagement.WindowsUpdateClasses[]

Microsoft.Azure.Commands.Automation.Model.UpdateManagement.LinuxPackageClasses[]

System.String

OUTPUTS

Microsoft.Azure.Commands.Automation.Model.UpdateManagement.SoftwareUpdateConfiguration

NOTES

----- Example 1 -----

\$startTime = [DateTimeOffset]"2018-09-13T21:00"

\$targetMachines = @(

```
"/subscriptions/22e2445a-0984-4fa5-86a4-0280d76c4b2c/resourceGroups/compute/providers/Microsoft.Compute/virtualMachines/vm-w-01",
```

```
"/subscriptions/22e2445a-0984-4fa5-86a4-0280d76c4b2c/resourceGroups/compute/providers/Microsoft.Compute/virtualMachines/vm-w-02"
```

```
)
```

```
$duration = New-TimeSpan -Hours 2
```

```
$schedule = New-AzAutomationSchedule -ResourceGroupName "mygroup" `
```

```
    -AutomationAccountName "myaccount" `
```

```
    -Name MyWeeklySchedule `
```

```
    -StartTime $startTime `
```

```
    -DaysOfWeek Saturday `
```

```
    -WeekInterval 1 `
```

```
    -ForUpdateConfiguration
```

```
New-AzAutomationSoftwareUpdateConfiguration -ResourceGroupName "mygroup" `
```

```
    -AutomationAccountName "myaccount" `
```

```
    -Schedule $schedule `
```

```
    -Windows `
```

```
    -AzureVMResourceId $targetMachines `
```

```
    -IncludedUpdateClassification Critical `
```

```
    -Duration $duration
```

```
UpdateConfiguration : Microsoft.Azure.Commands.Automation.Model.UpdateManagement.UpdateConfiguration
```

```
ScheduleConfiguration : Microsoft.Azure.Commands.Automation.Model.Schedule
```

```
ProvisioningState : Provisioning
```

```
ErrorInfo :
```

```
ResourceGroupName : mygroup
```

```
AutomationAccountName : myaccount
```

```
Name : MyWeeklySchedule
```

```
CreationTime : 9/14/2018 3:53:27 AM +00:00
```

```
LastModifiedTime : 9/14/2018 3:53:27 AM +00:00
```

Description :

RELATED LINKS

Online Version:

<https://learn.microsoft.com/powershell/module/az.automation/new-azautomationsoftwareupdateconfiguration>