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

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

NAME

New-AzAutomationSchedule

SYNOPSIS

Creates an Automation schedule.

SYNTAX

New-AzAutomationSchedule [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-Name] <System.String> [-StartTime] <System.DateTimeOffset>

-DayInterval <System.Byte> [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description <System.String>]

[-ExpiryTime <System.DateTimeOffset>] [-ForUpdateConfiguration] [-TimeZone <System.String>] [<CommonParameters>]

New-AzAutomationSchedule [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-Name] <System.String> [-StartTime] <System.DateTimeOffset>

[-DayOfWeek {Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday}] [-DayOfWeekOccurrence {First | Second | Third | Fourth | Last}] [-DefaultProfile

<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description <System.String>] [-ExpiryTime <System.DateTimeOffset>]
[-ForUpdateConfiguration] -MonthInterval <System.Byte> [-TimeZone <System.String>] [<CommonParameters>]

New-AzAutomationSchedule [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-Name] <System.String> [-StartTime] <System.DateTimeOffset>
[-DaysOfMonth {One | Two | Three | Four | Five | Six | Seventh | Eighth | Ninth | Tenth | Eleventh | Twelfth | Thirteenth | Fourteenth | Fifteenth | Sixteenth |
Seventeenth | Eighteenth | Nineteenth | Twentieth | TwentyFirst | TwentySecond | TwentyThird | TwentyFourth | TwentyFifth | TwentySixth | TwentySeventh | TwentyEighth
| TwentyNinth | Thirtieth | ThirtyFirst | LastDay}] [-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]
[-Description <System.String>] [-ExpiryTime <System.DateTimeOffset>] [-ForUpdateConfiguration] -MonthInterval <System.Byte> [-TimeZone <System.String>]
[<CommonParameters>]

New-AzAutomationSchedule [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-Name] <System.String> [-StartTime] <System.DateTimeOffset>
[-DaysOfWeek {Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday}] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description <System.String>] [-ExpiryTime <System.DateTimeOffset>]
[-ForUpdateConfiguration] [-TimeZone <System.String>] -WeekInterval <System.Byte> [<CommonParameters>]

New-AzAutomationSchedule [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-Name] <System.String> [-StartTime] <System.DateTimeOffset>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Description <System.String>] [-ExpiryTime
<System.DateTimeOffset>] [-ForUpdateConfiguration] -HourInterval <System.Byte> [-TimeZone <System.String>] [<CommonParameters>]

New-AzAutomationSchedule [-ResourceGroupName] <System.String> [-AutomationAccountName] <System.String> [-Name] <System.String> [-StartTime] <System.DateTimeOffset>
[-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>]

[-Description <System.String>] [-ForUpdateConfiguration]

-OneTime [-TimeZone <System.String>] [<CommonParameters>]

DESCRIPTION

The New-AzAutomationSchedule cmdlet creates a schedule in Azure Automation.

PARAMETERS

-AutomationAccountName <System.String>

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

Required? true

Position? 1

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-DayInterval <System.Byte>

Specifies an interval, in days, for the schedule. If you do not specify this parameter, and you do not specify the OneTime parameter, the default value is one (1).

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DayOfWeek <System.Nullable`1[System.DayOfWeek]>

Specifies a list of days of the week for the weekly schedule.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DayOfWeekOccurrence <Microsoft.Azure.Commands.Automation.Cmdlet.DayOfWeekOccurrence>

Specifies the occurrence of the week within the month that the schedule runs. psdx_paramvalues - 1

- 2

- 3

- 4

- -1

- First

- Second

- Third

- Fourth

- LastDay

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DaysOfMonth <Microsoft.Azure.Commands.Automation.Cmdlet.DaysOfMonth[]>

Specifies a list of days of the month for the monthly schedule.

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-DaysOfWeek <System.DayOfWeek[]>

Specifies a list of days of the week for the weekly schedule.

Required? false

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

-Description <System.String>

Specifies a description for the schedule.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ExpiryTime <System.DateTimeOffset>

Specifies the expiry time of a schedule as a DateTimeOffset object. You can specify a string that can be converted to a valid DateTimeOffset .

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-ForUpdateConfiguration <System.Management.Automation.SwitchParameter>

Indicates that this schedule object will be used for scheduling a software update configuration

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-HourInterval <System.Byte>

Specifies an interval, in hours, for the schedule.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-MonthInterval <System.Byte>

Specifies an interval, in Months, for the schedule.

Required? true

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

-Name <System.String>

Specifies a name for the schedule.

Required? true

Position? 2

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-OneTime <System.Management.Automation.SwitchParameter>

Specifies that the cmdlet creates a one-time schedule.

Required? true

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-ResourceGroupName <System.String>

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

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-StartTime <System.DateTimeOffset>

Specifies the start time of a schedule as a DateTimeOffset object. You can specify a string that can be converted to a valid DateTimeOffset . If the TimeZone is

provided, StartTime is calculated by adding the Offset of Input TimeZone .

Required? true

Position? 3

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-TimeZone <System.String>

Specifies the time zone for the schedule. This string can be the IANA ID or the Windows Time Zone ID.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-WeekInterval <System.Byte>

Specifies an interval, in weeks, for the schedule.

Required? true

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).

INPUTS

System.String

System.DateTimeOffset

System.Management.Automation.SwitchParameter

OUTPUTS

Microsoft.Azure.Commands.Automation.Model.Schedule

NOTES

----- Example 1: Create a one-time schedule in local time -----

$TimeZone = ([System.TimeZoneInfo]::Local).Id

New-AzAutomationSchedule -AutomationAccountName "Contoso17" -Name "Schedule01" -StartTime "23:00" -OneTime -ResourceGroupName "ResourceGroup01" -TimeZone $TimeZone

The first command gets the time zone ID from the system and stores it in the $TimeZone variable. The second command creates a schedule that runs one time on the

current date at 11:00 PM in the specified time zone.

-- Example 2: Create a one-time schedule in another time zone --

$TimeZone = "Europe/Paris"

New-AzAutomationSchedule -AutomationAccountName "Contoso17" -Name "Schedule01" -StartTime "23:00Z" -OneTime -ResourceGroupName "ResourceGroup01" -TimeZone $TimeZone

The first command initializes a $TimeZone variable with value `Europe/Paris` The second command creates a schedule that runs one time on the current date at 23:00 UTC

in the specified time zone. > Note: Schedule StartTime is calculated by adding the TimeZone Offset to provided StartTime

---------- Example 3: Create a recurring schedule ----------

$StartTime = Get-Date "13:00:00"

$EndTime = $StartTime.AddYears(1)

New-AzAutomationSchedule -AutomationAccountName "Contoso17" -Name "Schedule02" -StartTime $StartTime -ExpiryTime $EndTime -DayInterval 1 -ResourceGroupName

"ResourceGroup01"

The first command creates a date object by using the Get-Date cmdlet, and then stores the object in the $StartDate variable. Specify a time that is at least five

minutes in the future. The second command creates a date object by using the Get-Date cmdlet, and then stores the object in the $EndDate variable. The command

specifies a future time. The final command creates a daily schedule named Schedule02 to begin at the time stored in $StartDate and expire at the time stored in

$EndDate.

-------- Example 4: Create a weekly recurring schedule --------

$StartTime = (Get-Date "13:00:00").AddDays(1)

[System.DayOfWeek[]]$WeekDays = @([System.DayOfWeek]::Monday..[System.DayOfWeek]::Friday)

New-AzAutomationSchedule -AutomationAccountName "Contoso17" -Name "Schedule03" -StartTime $StartTime

-WeekInterval 1 -DaysOfWeek $WeekDays -ResourceGroupName

"ResourceGroup01"

The first command creates a date object by using the Get-Date cmdlet, and then stores the object in the $StartDate variable. The second command creates an array of

week days that contains Monday, Tuesday, Wednesday, Thursday and Friday. The final command creates a daily schedule named Schedule03 that will run Monday to Friday

each week at 13:00. The schedule will never expire.

RELATED LINKS

Online Version: https://learn.microsoft.com/powershell/module/az.automation/new-azautomationschedule

Get-AzAutomationSchedule

Remove-AzAutomationSchedule

Set-AzAutomationSchedule