



Windows PowerShell Get-Help on Cmdlet 'Set-AzVMChefExtension'

PS:\>Get-HELP Set-AzVMChefExtension -Full

NAME

Set-AzVMChefExtension

SYNOPSIS

Adds a Chef extension to a virtual machine.

SYNTAX

```

Set-AzVMChefExtension [-ResourceGroupName] <System.String> [-VMName] <System.String>
[[-AutoUpgradeMinorVersion] <System.Boolean>][[-Location] <System.String>]
[[-Name] <System.String>][[-TypeHandlerVersion] <System.String>][[-BootstrapOptions <System.String>]
[-BootstrapVersion <System.String>][[-ChefDaemonInterval
<System.String>][[-ChefServerUrl <System.String>][[-ClientRb <System.String>][[-Daemon {none | service | task}]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>][[-JsonAttribute
<System.String>]-Linux [-NoWait][[-OrganizationName
<System.String>][[-RunList <System.String>][[-Secret <System.String>][[-SecretFile <System.String>]
[-ValidationClientName <System.String>]-ValidationPem
<System.String>[-Confirm][[-WhatIf][<CommonParameters>]

```

```

Set-AzVMChefExtension [-ResourceGroupName] <System.String> [-VMName] <System.String>
[[-AutoUpgradeMinorVersion] <System.Boolean>] [[-Location] <System.String>]
[[[-Name] <System.String>] [[-TypeHandlerVersion] <System.String>] [-BootstrapOptions <System.String>]
[-BootstrapVersion <System.String>] [-ChefDaemonInterval
<System.String>] [-ChefServerUrl <System.String>] [-ClientRb <System.String>] [-Daemon {none | service | task}]
[-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-JsonAttribute
<System.String>] [-NoWait] [-OrganizationName
<System.String>] [-RunList <System.String>] [-Secret <System.String>] [-SecretFile <System.String>]
[-ValidationClientName <System.String>] -ValidationPem
<System.String> -Windows [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Set-AzVMChefExtension cmdlet adds the Chef extension to the virtual machine.

PARAMETERS

-AutoUpgradeMinorVersion <System.Boolean>

Required?	false
Position?	10
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-BootstrapOptions <System.String>

Specifies configuration settings in the client_rb option.

Required?	false
Position?	named
Default value	None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-BootstrapVersion <System.String>

Specifies the version of the bootstrap configuration.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ChefDaemonInterval <System.String>

Specifies the frequency (in minutes) at which the chef-service runs. If in case you don't want the chef-service to be installed on the Azure VM then set value as 0 in this field.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ChefServerUrl <System.String>

Specifies the Chef server link, as a URL.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-ClientRb <System.String>

Specifies the full path of the Chef client.rb.

Required? false

Position? named

Default value None

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

-Daemon <System.String>

Configures the chef-client service for unattended execution. The node platform should be Windows. Allowed options: 'none','service' and 'task'. none - Currently

prevents the chef-client service from being configured as a service. service - Configures the chef-client to run automatically in the background as a service.

task - Configures the chef-client to run automatically in the background as a scheduled task.

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

-JsonAttribute <System.String>

A JSON string to be added to the first run of chef-client. e.g. -JsonAttribute '{"foo" : "bar"}'

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

-Linux <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet creates a Windows virtual machine.

Required? true
Position? named
Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Location <System.String>

Specifies the location of the virtual machine.

Required? false
Position? 7
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Name <System.String>

Specifies the name of the Chef extension.

Required? false
Position? 8
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-NoWait <System.Management.Automation.SwitchParameter>

Starts the operation and returns immediately, before the operation is completed. In order to determine if the operation has successfully been completed, use some other mechanism.

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-OrganizationName <System.String>

Specifies the organization name of the Chef extension.

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

-ResourceGroupName <System.String>

Specifies the name of the resource group that contains the virtual machine.

Required?	true
Position?	0
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-RunList <System.String>

Specifies the Chef node run list.

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

-Secret <System.String>

The encryption key used to encrypt and decrypt the data bag item values.

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

-SecretFile <System.String>

The path to the file that contains the encryption key used to encrypt and decrypt the data bag item values.

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

-TypeHandlerVersion <System.String>

Specifies the version of the extension to use for this virtual machine.

Required? false
Position? 9
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ValidationClientName <System.String>

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

-ValidationPem <System.String>

Specifies the Chef validator .pem file path

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

-VMName <System.String>

Specifies the name of a virtual machine. This cmdlet adds the Chef extension for the virtual machine that this parameter specifies.

Required?	true
Position?	1
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

-Windows <System.Management.Automation.SwitchParameter>

Indicates that this cmdlet creates a Windows virtual machine.

Required?	true
Position?	named
Default value	False

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

System.Boolean

OUTPUTS

Microsoft.Azure.Commands.Compute.Models.PSAzureOperationResponse

NOTES

- Example 1: Add a Chef extension to a Windows virtual machine -

```
Set-AzVMChefExtension -ResourceGroupName "ResourceGroup001" -VMName "WindowsVM001" -ValidationPem  
"C:\my-org-validator.pem" -ClientRb "C:\client.rb" -RunList "Apache"  
-Daemon "service" -SecretFile "C:\my_encrypted_data_bag_secret" -Windows
```

This command adds a Chef extension to a Windows virtual machine named WindowsVM001. When the virtual machine starts, Chef bootstraps the virtual machine to run Apache.

-- Example 2: Add a Chef extension to a Linux virtual machine --

```
Set-AzVMChefExtension -ResourceGroupName "ResourceGroup002" -VMName "LinuxVM001" -ValidationPem  
"C:\my-org-validator.pem" -ClientRb "C:\client.rb" -RunList "Apache"  
-Secret "my_secret" -Linux
```

This command adds a Chef extension to a Linux virtual machine named LinuxVM001. When the virtual machine starts, Chef bootstraps the virtual machine to run Apache.

```
Set-AzVMChefExtension -ResourceGroupName "ResourceGroup003" -VMName "WindowsVM002" -ValidationPem  
C:\my-org-validator.pem -ClientRb C:\client.rb -BootstrapOptions  
'{"chef_node_name":"your_node_name","chef_server_url":"https://api.opscode.com/organizations/some-org",  
"validation_client_name":"some-org-validator"}' -RunList  
"Apache" -Windows
```

This command adds the Chef extension to a Windows virtual machine named WindowsVM002. When the virtual machine starts, Chef bootstraps the virtual machine to run

Apache. After bootstrapping, the virtual machine refers to the BootstrapOptions specified in JSON format.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.compute/set-azvmchefextension>

Get-AzVMChefExtension

Remove-AzVMChefExtension