



Windows PowerShell Get-Help on Cmdlet 'Enable-MMAgent'

PS:\>Get-HELP Enable-MMAgent -Full

NAME

Enable-MMAgent

SYNOPSIS

Enables application launch prefetching, operation recorder API functionality, page combining, and application prelaunch.

SYNTAX

Enable-MMAgent [-ApplicationLaunchPrefetching] [-ApplicationPreLaunch] [-AsJob] [-CimSession <CimSession[]>]
[-MemoryCompression] [-OperationAPI] [-PageCombining]
[-ThrottleLimit <Int32>] [<CommonParameters>]

DESCRIPTION

The Enable-MMAgent cmdlet enables any or all of the following features: - Application launch prefetching

- Operation recorder API functionality

- Page combining

- Application prelaunching

Specify the ApplicationLaunchPrefetching parameter to help improve application startup performance. Application launch prefetching causes the memory manager agent to

monitor the data and code that applications access. The memory management agent then uses that information to preload the data and code into physical memory for subsequent startups.

Specify the ApplicationPreLaunch parameter to help improve application startup performance. Application prelaunch can speculatively launch applications that the user

is likely to use in the near future, thus reducing application switch time.

Specify the OperationAPI parameter to help speed up operations that repeatedly access the same file data. Enabling this feature exposes the Windows prefetching

mechanism as a public interface.

Specify the PageCombining parameter to help reduce the physical memory that the operating system uses. Page combining causes the memory manager to periodically

combine pages in physical memory that have identical content.

PARAMETERS

-ApplicationLaunchPrefetching [<SwitchParameter>]

Indicates that the cmdlet enables application launch prefetching.

If you do not specify this parameter, application launch prefetching remains in its current state, either enabled or disabled.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

`-ApplicationPreLaunch [<SwitchParameter>]`

Indicates that the cmdlet enables application prelaunch.

If you do not specify this parameter, application prelaunch remains in its current state, either enabled or disabled.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

`-AsJob [<SwitchParameter>]`

Runs the cmdlet as a background job. Use this parameter to run commands that take a long time to complete.

The cmdlet immediately returns an object that represents the job and then displays the command prompt. You can continue to work in the session while the job

completes. To manage the job, use the ``*-Job`` cmdlets. To get the job results, use the `Receive-Job` (<https://go.microsoft.com/fwlink/?LinkID=113372>) cmdlet.

For more information about Windows PowerShell background jobs, see `about_Jobs` (<https://go.microsoft.com/fwlink/?LinkID=113251>).

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

`-CimSession <CimSession[]>`

Runs the cmdlet in a remote session or on a remote computer. Enter a computer name or a session object, such as the output of a `New-CimSession`

[Get-CimSession](https://go.microsoft.com/fwlink/p/?LinkId=227966)cmdlet. The default is the current session on the local computer.

Required?	false
Position?	named
Default value	None
Accept pipeline input?	False
Accept wildcard characters?	false

-MemoryCompression [<SwitchParameter>]

Indicates that this cmdlet uses memory compression.

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

-OperationAPI [<SwitchParameter>]

Indicates that the cmdlet enables operation recorder API functionality.

If you do not specify this parameter, operation recorder API functionality remains in its current state, either enabled or disabled.

For more information about the Operation Recorder API, see Operation Recorder (https://msdn.microsoft.com/library/windows/desktop/hh437575.aspx)on MSDN.

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

`-PageCombining [<SwitchParameter>]`

Indicates that the cmdlet enables page combining.

If you do not specify this parameter, page combining remains in its current state, either enabled or disabled.

Required? false

Position? named

Default value False

Accept pipeline input? True (ByPropertyName)

Accept wildcard characters? false

`-ThrottleLimit <Int32>`

Specifies the maximum number of concurrent operations that can be established to run the cmdlet. If this parameter is omitted or a value of `0` is entered, then

Windows PowerShell calculates an optimum throttle limit for the cmdlet based on the number of CIM cmdlets that are running on the computer. The throttle limit

applies only to the current cmdlet, not to the session or to the computer.

Required? false

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 \(https://go.microsoft.com/fwlink/?LinkID=113216\)](https://go.microsoft.com/fwlink/?LinkID=113216).

INPUTS

OUTPUTS

NOTES

----- Example 1: Enable application launch prefetching -----

```
PS C:\> Enable-MMAgent -ApplicationLaunchPrefetching
```

This command enables application launch prefetching on the local computer.

RELATED LINKS

Online

Version:

https://learn.microsoft.com/powershell/module/mmagent/enable-mmagent?view=windowsserver2022-ps&wt.mc_id=ps-gethelp

Debug-MMAAppPrelaunch

Get-MMAgent

Set-MMAgent

Disable-MMAgent