



### ***Windows PowerShell Get-Help on Cmdlet 'Get-ProcessMitigation'***

***PS:\>Get-HELP Get-ProcessMitigation -Full***

#### **NAME**

Get-ProcessMitigation

#### **SYNOPSIS**

Gets the current process mitigation settings, either from the registry, from a running process, or saves all to a XML.

#### **SYNTAX**

Get-ProcessMitigation [-FullPolicy] [<CommonParameters>]

Get-ProcessMitigation [-Id] <Int32[]> [<CommonParameters>]

Get-ProcessMitigation [-Name] <String> [-RunningProcesses] [<CommonParameters>]

Get-ProcessMitigation [-RegistryConfigFilePath <String>] [<CommonParameters>]

Get-ProcessMitigation [-System] [<CommonParameters>]

#### **DESCRIPTION**

Gets all process mitigation settings either by process name (either running or from -Registry), or by process ID. Can also save all settings to an XML file.

## PARAMETERS

-FullPolicy [<SwitchParameter>]

Returns every processes' current mitigation settings in the registry

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-Id <Int32[]>

Process Id to retrieve current running process mitigation settings from

Required? true

Position? 0

Default value None

Accept pipeline input? True (ByPropertyName, ByValue)

Accept wildcard characters? false

-Name <String>

{Current process name to get current running (Or from registry) process mitigation settings from one (Can be more than one instance)}

Required? true

Position? 0

Default value None

Accept pipeline input? False

Accept wildcard characters? false

#### -RegistryConfigFilePath <String>

File to save the current registry process mitigation configuration to

Required? false

Position? named

Default value None

Accept pipeline input? False

Accept wildcard characters? false

#### -RunningProcesses [<SwitchParameter>]

Pull the current process mitigation settings from a running instance instead of the registry.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

#### -System [<SwitchParameter>]

Pulls the current system defaults for process mitigations.

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.Int32[]

## OUTPUTS

System.Object

## NOTES

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

```
PS C:\> Get-ProcessMitigation -Name notepad.exe -RunningProcess
```

Gets the current settings on all running instances of notepad.exe

----- Example 2 -----

```
PS C:\> Get-ProcessMitigation -Name notepad.exe
```

Gets the current settings in the registry for notepad.exe

----- Example 3 -----

```
PS C:\> Get-ProcessMitigation -Id 1304
```

Gets the current settings for the running process with pid 1304

----- Example 4 -----

```
PS C:\> Get-ProcessMitigation -RegistryConfigFilePath settings.xml
```

Gets the all process mitigation settings from the registry and saves them to the xml file settings.xml

----- Example 5 -----

```
PS C:\> Get-ProcessMitigation -FullPolicy
```

Gets all policies for all processes set in the registry.

----- Example 6 -----

```
PS C:\> Get-ProcessMitigation -System
```

Gets the current system process mitigation defaults stored in the registry.

----- Example 7 -----

```
PS C:\> Get-Process notepad | Get-ProcessMitigation
```

Gets the current process mitigation settings for all running instances of notepad.exe

## RELATED LINKS

Online

Version:

[https://learn.microsoft.com/powershell/module/processmitigations/get-processmitigation?view=windowsserver2022-ps&wt.m  
c\\_id=ps-gethelp](https://learn.microsoft.com/powershell/module/processmitigations/get-processmitigation?view=windowsserver2022-ps&wt.mc_id=ps-gethelp)