



python



PowerShell

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### **PowerShell Get-Help on command 'Get-ProcessMitigation'**

**PS C:\Users\wahid> Get-Help Get-ProcessMitigation**

#### 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

-Id <Int32[]>

Process Id to retrieve current running process mitigation settings from

-Name <String>

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

-RegistryConfigFilePath <String>

File to save the current registry process mitigation configuration to

-RunningProcesses [<SwitchParameter>]

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

-System [<SwitchParameter>]

Pulls the current system defaults for process mitigations.

<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).

----- 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

#### REMARKS

To see the examples, type: "get-help Get-ProcessMitigation -examples".

For more information, type: "get-help Get-ProcessMitigation -detailed".

For technical information, type: "get-help Get-ProcessMitigation -full".

For online help, type: "get-help Get-ProcessMitigation -online"