



python



PowerShell

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PowerShell Get-Help on command 'Set-MpPreference'

PS C:\Users\wahid> Get-Help Set-MpPreference

NAME

Set-MpPreference

SYNTAX

```
Set-MpPreference [-ExclusionPath <string[]>] [-ExclusionExtension <string[]>]
[-ExclusionProcess <string[]>] [-ExclusionIpAddress <string[]>]
[-RealTimeScanDirection {Both | Incoming | Outcoming}]
[-QuarantinePurgeItemsAfterDelay <uint32>] [-RemediationScheduleDay {Everyday
| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
Never}] [-RemediationScheduleTime <datetime>]
[-RemoteEncryptionProtectionConfiguredState {NotConfigured | Block | Audit |
Off}] [-RemoteEncryptionProtectionMaxBlockTime <uint32>]
[-RemoteEncryptionProtectionAggressiveness {Low | Medium | High}]
[-RemoteEncryptionProtectionExclusions <string[]>]
[-BruteForceProtectionConfiguredState {NotConfigured | Block | Audit | Off}]
[-BruteForceProtectionMaxBlockTime <uint32>]
[-BruteForceProtectionAggressiveness {Low | Medium | High}]
[-BruteForceProtectionExclusions <string[]>]
[-BruteForceProtectionLocalNetworkBlocking <bool>]
[-BruteForceProtectionSkipLearningPeriod <bool>]
[-ReportingAdditionalActionTimeOut <uint32>] [-ReportingCriticalFailureTimeOut
```

<uint32>] [-ReportingNonCriticalTimeOut <uint32>]
[-ServiceHealthReportInterval <uint32>] [-ReportDynamicSignatureDroppedEvent
<bool>] [-ScanAvgCPULoadFactor <byte>] [-CheckForSignaturesBeforeRunningScan
<bool>] [-ScanPurgeItemsAfterDelay <uint32>] [-ScanOnlyIfIdleEnabled <bool>]
[-ScanParameters {QuickScan | FullScan}] [-ScanScheduleDay {Everyday | Sunday
| Monday | Tuesday | Wednesday | Thursday | Friday | Saturday | Never}]
[-ScanScheduleQuickScanTime <datetime>] [-ScanScheduleTime <datetime>]
[-ThrottleForScheduledScanOnly <bool>] [-SignatureFirstAuGracePeriod <uint32>]
[-SignatureAuGracePeriod <uint32>]
[-SignatureDefinitionUpdateFileSharesSources <string>]
[-SignatureDisableUpdateOnStartupWithoutEngine <bool>]
[-SignatureFallbackOrder <string>] [-SharedSignaturesPath <string>]
[-SharedSignaturesPathUpdateAtScheduledTimeOnly <bool>] [-SignatureScheduleDay
{Everyday | Sunday | Monday | Tuesday | Wednesday | Thursday | Friday |
Saturday | Never}] [-SignatureScheduleTime <datetime>]
[-SignatureUpdateCatchupInterval <uint32>] [-SignatureUpdateInterval <uint32>]
[-SignatureBlobUpdateInterval <uint32>] [-SignatureBlobFileSharesSources
<string>] [-MeteredConnectionUpdates <bool>]
[-AllowNetworkProtectionOnWinServer <bool>] [-DisableDatagramProcessing
<bool>] [-EnableConvertWarnToBlock <bool>] [-DisableCpuThrottleOnIdleScans
<bool>] [-MAPSReporting {Disabled | Basic | Advanced}] [-SubmitSamplesConsent
{AlwaysPrompt | SendSafeSamples | NeverSend | SendAllSamples}]
[-DisableAutoExclusions <bool>] [-DisablePrivacyMode <bool>]
[-RandomizeScheduleTaskTimes <bool>] [-SchedulerRandomizationTime <uint32>]
[-DisableBehaviorMonitoring <bool>] [-DisableIntrusionPreventionSystem <bool>]
[-DisableIOAVProtection <bool>] [-DisableRealtimeMonitoring <bool>]
[-DisableScriptScanning <bool>] [-DisableArchiveScanning <bool>]
[-DisableCatchupFullScan <bool>] [-DisableCatchupQuickScan <bool>]
[-DisableEmailScanning <bool>] [-DisableRemovableDriveScanning <bool>]
[-DisableRestorePoint <bool>] [-DisableScanningMappedNetworkDrivesForFullScan
<bool>] [-DisableScanningNetworkFiles <bool>]
[-ApplyDisableNetworkScanningToIOAV <bool>] [-UILockdown <bool>]
[-ThreatIDDefaultAction_Ids <long[]>] [-ThreatIDDefaultAction_Actions {Clean |

Quarantine | Remove | Allow | UserDefined | NoAction | Block}]

[-UnknownThreatDefaultAction {Clean | Quarantine | Remove | Allow | UserDefined | NoAction | Block}] [-LowThreatDefaultAction {Clean | Quarantine | Remove | Allow | UserDefined | NoAction | Block}] [-ModerateThreatDefaultAction {Clean | Quarantine | Remove | Allow | UserDefined | NoAction | Block}] [-HighThreatDefaultAction {Clean | Quarantine | Remove | Allow | UserDefined | NoAction | Block}] [-SevereThreatDefaultAction {Clean | Quarantine | Remove | Allow | UserDefined | NoAction | Block}] [-Force] [-DisableBlockAtFirstSeen <bool>]

[-PUAProtection {Disabled | Enabled | AuditMode}] [-CloudBlockLevel {Default | Moderate | High | HighPlus | ZeroTolerance}] [-CloudExtendedTimeout <uint32>]

[-EnableNetworkProtection {Disabled | Enabled | AuditMode}] [-EnableControlledFolderAccess {Disabled | Enabled | AuditMode | BlockDiskModificationOnly | AuditDiskModificationOnly}] [-AttackSurfaceReductionOnlyExclusions <string[]>]

[-ControlledFolderAccessAllowedApplications <string[]>] [-ControlledFolderAccessProtectedFolders <string[]>]

[-AttackSurfaceReductionRules_Ids <string[]>] [-AttackSurfaceReductionRules_Actions {Disabled | Enabled | AuditMode | NotConfigured | Warn}] [-EnableLowCpuPriority <bool>]

[-EnableFileHashComputation <bool>] [-EnableFullScanOnBatteryPower <bool>] [-ProxyPacUrl <string>] [-ProxyServer <string>] [-ProxyBypass <string[]>]

[-ForceUseProxyOnly <bool>] [-DisableTlsParsing <bool>] [-DisableFtpParsing <bool>] [-DisableHttpParsing <bool>] [-DisableDnsParsing <bool>] [-DisableDnsOverTcpParsing <bool>] [-DisableSshParsing <bool>]

[-PlatformUpdatesChannel {NotConfigured | Beta | Preview | Staged | Broad | Delayed}] [-EngineUpdatesChannel {NotConfigured | Beta | Preview | Staged | Broad | Delayed}] [-DefinitionUpdatesChannel {NotConfigured | Staged | Broad | Delayed}] [-DisableGradualRelease <bool>] [-AllowNetworkProtectionDownLevel <bool>] [-AllowDatagramProcessingOnWinServer <bool>] [-EnableDnsSinkhole <bool>] [-DisableInboundConnectionFiltering <bool>] [-DisableRdpParsing <bool>] [-DisableNetworkProtectionPerfTelemetry <bool>]

[-TrustLabelProtectionStatus <uint32>] [-AllowSwitchToAsyncInspection <bool>]

[-ScanScheduleOffset <uint32>] [-DisableTDTFeature <bool>]
[-DisableTamperProtection <bool>] [-DisableSmtpParsing <bool>]
[-DisableQuicParsing <bool>] [-NetworkProtectionReputationMode <uint32>]
[-EnableUdpSegmentationOffload <bool>] [-EnableUdpReceiveOffload <bool>]
[-EnableEcsConfiguration <bool>] [-IntelTDTEnabled <bool>]
[-AttackSurfaceReductionRules_RuleSpecificExclusions_Id <string[]>]
[-AttackSurfaceReductionRules_RuleSpecificExclusions <string[]>]
[-OobeEnableRtpAndSigUpdate <bool>] [-PerformanceModeStatus {Enabled |
Disabled}] [-QuickScanIncludeExclusions {Disabled | ScanRtpExclusions}]
[-DisableCacheMaintenance <bool>] [-RemoveScanningThreadPoolCap <bool>]
[-DisableCoreServiceECSIntegration <bool>] [-DisableCoreServiceTelemetry
<bool>] [-CimSession <CimSession[]>] [-ThrottleLimit <int>] [-AsJob]
[<CommonParameters>]

PARAMETERS

-AllowDatagramProcessingOnWinServer <bool>

-AllowNetworkProtectionDownLevel <bool>

-AllowNetworkProtectionOnWinServer <bool>

-AllowSwitchToAsyncInspection <bool>

-ApplyDisableNetworkScanningToIOAV <bool>

-AsJob

-AttackSurfaceReductionOnlyExclusions <string[]>

-AttackSurfaceReductionRules_Actions <ASRRuleActionType[]>

-AttackSurfaceReductionRules_Ids <string[]>

-AttackSurfaceReductionRules_RuleSpecificExclusions <string[]>

-AttackSurfaceReductionRules_RuleSpecificExclusions_Id <string[]>

-BruteForceProtectionAggressiveness <Aggressiveness>

-BruteForceProtectionConfiguredState <NetworkBehaviorProtectionConfiguredState>

-BruteForceProtectionExclusions <string[]>

-BruteForceProtectionLocalNetworkBlocking <bool>

-BruteForceProtectionMaxBlockTime <uint32>

-BruteForceProtectionSkipLearningPeriod <bool>

-CheckForSignaturesBeforeRunningScan <bool>

-CimSession <CimSession[]>

-CloudBlockLevel <CloudBlockLevelType>

-CloudExtendedTimeout <uint32>

-ControlledFolderAccessAllowedApplications <string[]>

-ControlledFolderAccessProtectedFolders <string[]>

-DefinitionUpdatesChannel <DefinitionUpdatesChannelType>

-DisableArchiveScanning <bool>

-DisableAutoExclusions <bool>

-DisableBehaviorMonitoring <bool>

-DisableBlockAtFirstSeen <bool>

-DisableCacheMaintenance <bool>

-DisableCatchupFullScan <bool>

-DisableCatchupQuickScan <bool>

-DisableCoreServiceECSIntegration <bool>

-DisableCoreServiceTelemetry <bool>

-DisableCpuThrottleOnIdleScans <bool>

-DisableDatagramProcessing <bool>

-DisableDnsOverTcpParsing <bool>

-DisableDnsParsing <bool>

-DisableEmailScanning <bool>

-DisableFtpParsing <bool>

-DisableGradualRelease <bool>

-DisableHttpParsing <bool>

-DisableIOAVProtection <bool>

-DisableInboundConnectionFiltering <bool>

-DisableIntrusionPreventionSystem <bool>

-DisableNetworkProtectionPerfTelemetry <bool>

-DisablePrivacyMode <bool>

-DisableQuicParsing <bool>

-DisableRdpParsing <bool>

-DisableRealtimeMonitoring <bool>

-DisableRemovableDriveScanning <bool>

-DisableRestorePoint <bool>

-DisableScanningMappedNetworkDrivesForFullScan <bool>

-DisableScanningNetworkFiles <bool>

-DisableScriptScanning <bool>

-DisableSntpParsing <bool>

-DisableSshParsing <bool>

-DisableTDTFeature <bool>

-DisableTamperProtection <bool>

-DisableTlsParsing <bool>

-EnableControlledFolderAccess <ControlledFolderAccessType>

-EnableConvertWarnToBlock <bool>

-EnableDnsSinkhole <bool>

-EnableEcsConfiguration <bool>

-EnableFileHashComputation <bool>

-EnableFullScanOnBatteryPower <bool>

-EnableLowCpuPriority <bool>

-EnableNetworkProtection <ASRRuleActionType>

-EnableUdpReceiveOffload <bool>

-EnableUdpSegmentationOffload <bool>

-EngineUpdatesChannel <UpdatesChannelType>

-ExclusionExtension <string[]>

-ExclusionIpAddress <string[]>

-ExclusionPath <string[]>

-ExclusionProcess <string[]>

-Force

-ForceUseProxyOnly <bool>

-HighThreatDefaultAction <ThreatAction>

-IntelTDTEEnabled <bool>

-LowThreatDefaultAction <ThreatAction>

-MAPSReporting <MAPSReportingType>

-MeteredConnectionUpdates <bool>

-ModerateThreatDefaultAction <ThreatAction>

-NetworkProtectionReputationMode <uint32>

-OobeEnableRtpAndSigUpdate <bool>

-PUAProtection <PUAProtectionType>

-PerformanceModeStatus <PerformanceModeStatusType>

-PlatformUpdatesChannel <UpdatesChannelType>

-ProxyBypass <string[]>

-ProxyPacUrl <string>

-ProxyServer <string>

-QuarantinePurgeItemsAfterDelay <uint32>

-QuickScanIncludeExclusions <QuickScanIncludeExclusionsType>

-RandomizeScheduleTaskTimes <bool>

-RealTimeScanDirection <ScanDirection>

-RemediationScheduleDay <Day>

-RemediationScheduleTime <datetime>

-RemoteEncryptionProtectionAggressiveness <Aggressiveness>

-RemoteEncryptionProtectionConfiguredState

<NetworkBehaviorProtectionConfiguredState>

-RemoteEncryptionProtectionExclusions <string[]>

-RemoteEncryptionProtectionMaxBlockTime <uint32>

-RemoveScanningThreadPoolCap <bool>

-ReportDynamicSignatureDroppedEvent <bool>

-ReportingAdditionalActionTimeOut <uint32>

-ReportingCriticalFailureTimeOut <uint32>

-ReportingNonCriticalTimeOut <uint32>

-ScanAvgCPULoadFactor <byte>

-ScanOnlyIfIdleEnabled <bool>

-ScanParameters <ScanType>

-ScanPurgeItemsAfterDelay <uint32>

-ScanScheduleDay <Day>

-ScanScheduleOffset <uint32>

-ScanScheduleQuickScanTime <datetime>

-ScanScheduleTime <datetime>

-SchedulerRandomizationTime <uint32>

-ServiceHealthReportInterval <uint32>

-SevereThreatDefaultAction <ThreatAction>

-SharedSignaturesPath <string>

-SharedSignaturesPathUpdateAtScheduledTimeOnly <bool>

-SignatureAuGracePeriod <uint32>

-SignatureBlobFileSharesSources <string>

-SignatureBlobUpdateInterval <uint32>

-SignatureDefinitionUpdateFileSharesSources <string>

-SignatureDisableUpdateOnStartupWithoutEngine <bool>

-SignatureFallbackOrder <string>

- SignatureFirstAuGracePeriod <uint32>
- SignatureScheduleDay <Day>
- SignatureScheduleTime <datetime>
- SignatureUpdateCatchupInterval <uint32>
- SignatureUpdateInterval <uint32>
- SubmitSamplesConsent <SubmitSamplesConsentType>
- ThreatIDDefaultAction_Actions <ThreatAction[]>
- ThreatIDDefaultAction_Ids <long[]>
- ThrottleForScheduledScanOnly <bool>
- ThrottleLimit <int>
- TrustLabelProtectionStatus <uint32>
- UILockdown <bool>
- UnknownThreatDefaultAction <ThreatAction>

<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).

ALIASES

None

REMARKS

Get-Help cannot find the Help files for this cmdlet on this computer. It is displaying only partial help.

-- To download and install Help files for the module that includes this cmdlet, use Update-Help.