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Readme for

Intel vPro® Technology Module for Microsoft Windows Powershell Module

Release 3.2.7

January 2021

# Links:

<http://www.intel.com/go/powershell>

# Note:

To ensure that security is maintained, the cmdlets should be run from

a directory that can be accessed only by the Administrator user. This is to prevent

unauthorized manipulation of files in the directory.

# **Upgrading the Intel vPro PowerShell Module:**

Remove all previous versions of the Intel vPro PowerShell Module before installing the 3.2.7 module.

# **Changes in Release 3.2.7**

## Download Contents

Earlier releases of the Module were provided with an installer. Release 3.2.7 includes a zip folder only.

## Installation

After decompressing the zip folder, you run a PowerShell script to install the Module.

## Using Intel® AMT Credential Secure Storage

* The Write-AmtCredential and Read-AmtCredential cmdlets were were removed from the module in this release. Code examples are shown in the Intel vPro® Technology Module for Microsoft\* Windows\* PowerShell\* Installation and User Guide.
* Any implementation of the cmdlet should ensure that the credentials saved in the file are protected from malicious usage.
* A key parameter can be passed in to additionally encrypt the password for maximum security.
* A FilePath parameter may be used to specify an explicit file for storing the Intel AMT Credential. The credential file may then be moved between systems. In addition, it is strongly recommended to encrypt the file using a key.

For further details, refer to the Intel vPro® Technology Module for Microsoft\* Windows\* PowerShell\* Installation and User Guide

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# **Additions and Resolved Issues in Release 3.2.6**

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This release of the PowerShell Module for Intel vPro includes the following fixes in addition to all the features from prior releases:

* **Added XML System defense policy parser to Set-AMTSystemDefense**
* An entire System Policy Set and all filters can now be created by passing an XML configuration file to set-AMTSystemDefense. The default behavior of blocking all communications except management traffic remains the same.
* **Improved policy removal for Clear-AMTSystemDefense**
* All policies and all filters are now removed.
* **Fixed reporting for Clear-AMTSystemDefense**
* Status of clearing AMT System defense policies is now correctly reported.

**Known Issues in Release 3.2.6**

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* The Windows PowerShell Module for Intel(r) vPro(tm) Technology requires PowerShell 2.0 and WinRM 2.0 to function properly.  These are provided automatically with Windows 7 and Windows Server 2008 R2.  For earlier versions of Microsoft Windows. Refer to the kb article located at the following website: <http://support.microsoft.com/kb/968930>.
* Remote Configuration is not supported from a Windows XP based console. Windows XP does not send the full certificate chain Intel(r) Active Management Technology expects resulting in a trust error.  Windows 7, Server 2003, and Server 2008 all support the protocol, however Server 2003 requires a hotfix KB960804.
* The Powershell Drive Provider feature works only on Intel(r) vPro(tm) clients with Intel(r) Active Management Technology v3.2 or greater.
* AMT AlarmClock driveprovider is read-only.