

# Scripting Tools for Windows

## PowerShell: iLO Cmdlets

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The Scripting Tools for Windows PowerShell provide a simplified and consistent infrastructure management experience. This set of PowerShell utilities will grow over time to provide a comprehensive set of Hewlett Packard Enterprise integration tools. It is designed for IT experts with experience in PowerShell scripting and configuring ProLiant server hardware.

This 1.5.0.0 release supports iLO3 and iLO4 with the HPiLOCmdlets for Windows PowerShell.

### Prerequisites

There are a few prerequisites before installing and several items to consider in the install.

- You should have the Microsoft .NET Framework 4.5 or later must be installed.
- You should have the Windows Management Framework 3.0 or later (which includes PowerShell 3.0 or later) must be installed on your system prior to installing the "Scripting Tools for Windows PowerShell: iLO Cmdlets".

[Microsoft .NET Framework 4.5](#)

[Windows Management Framework 3.0](#)

[Windows Management Framework 4.0](#)

[Windows Management Framework 5.0](#)

[Windows Management Framework 5.1](#)

### Installation

- Be sure to close any PowerShell windows before installing. Reboot should not be needed unless you installed .NET 4.5 and PS 3.0 or .NET 4.5 and PS 4.0 or .NET 4.5 and PS 5.0 or .NET 4.5 and PS 5.1 and have not rebooted yet.
- The installer should be run from an account with administrative privilege using any normal method of execution (command line or double click). If you run from an account without administrative privilege, use one of the following options:

Procedure 1

1. Start Windows Search and type "Windows PowerShell".
2. Select "Windows PowerShell" or "Windows PowerShell ISE".

2. Right-click on it and select Run as administrator.
3. Change (CD) to the directory where you unzipped the installer.
4. On the PowerShell command line run either the 64-bit (HPiLOCmdlets-x64.msi) or the 32-bit (HPiLOCmdlets-x86.msi) installer as appropriate for your system.

#### Procedure 2

1. Click Start and select "Run..."
2. In the Run dialog enter the path and filename of the correct installer for your system, either the 64-bit (HPiLOCmdlets-x64.msi) or the 32-bit (HPiLOCmdlets-x86.msi). Choose either the 64-bit (HPiLOCmdlets-x64.msi) or if appropriate the 32-bit (HPiLOCmdlets-x86.msi) installer to run on your system.

## Usage

- You may have to change the execution policy for PowerShell. Get the following help to get more information in order to decide what to select.

```
help about_Execution_Policies
```

You can use this PowerShell command until you decide it fits your needs or not:

```
Set-ExecutionPolicy -Scope CurrentUser -ExecutionPolicy RemoteSigned
```

- Help for usage of the HPiLOCmdlets is included as with other modules installed on your system. If you want to see a complete list of the HPiLOCmdlets after installation, in PowerShell type:

```
help *hpi lo*
```

- If you want to get complete help for a specific cmdlet type:

```
help <cmdlet> -Full
```

where <cmdlet> is one of the cmdlet names from the list you generated above. Example:

```
help Find-HPi LO -Full
```

## Issues

If you encounter issues, please provide as much information as possible, including screen captures if appropriate. See the <http://www.hpe.com/servers/powershell> page for support contact information. Also, please include the output from this command in the information:

```
Get-HPi LOModuleVersion
```