# Get-HPiLOSystemInventory

## Prerequisites

* Microsoft .NET Framework 4.5
* HPiLOCmdlets latest (1.4.0.x) - <http://h20566.www2.hpe.com/hpsc/swd/public/readIndex?sp4ts.oid=1008862655&lang=en&cc=us>
* PowerShell Version 4.0 and above
* Prepare a CSV file with following fields (Optional) - IP, Username, Password

## Description

Performs an inventory of server hardware components using HPiLOCmdlets. There are two ways to provide input either by supplying data via CSV input or by command-line. The parameters InputiLOCSV accepts path to input CSV file (OR) iLOIP, iLOUsername and iLOPassword should be specified if command-line input is preferred. “OutputCSV“ parameter is optional.

This script is tested on G8 and Gen 9 ProLiant Servers.

1. Change the directory to the location of the script “GetHPiLOSystemInventory.ps1”.

Example: CD C:\scriptfolder

1. The parameters that exist for the cmdlet are :

* InputiLOCSV - Name of the CSV file containing iLO IP Address, ILO Username and iLO Password.
  + - The format is: IP,Username,Password
* OutputCSV - Path of Output CSV file. Path should contain filename with .csv extension. If this parameter is not specified, then default output file will be created in the current working directory.
* iLOIP - IP address of the ILO. A range of iLO IPs and multiple IPS can also be provided.
  + Example1 - 10.40.50.60
  + Example2 - 10.40.50.1-50
  + Example3 - 10.40.50.1,10.40.50.2,10.40.50.3
* iLOUsername - Specifies the single username for all the iLOs or a list of usernames for each iLO in the input iLO list.
* iLOPassword - Specifies the single password for all the iLOs or a list of passwords for each iLO in the input iLO list.
* DisableCertificateAuthentication - If this switch parameter is present then server certificate authentication is disabled for the execution of this cmdlet. If not present it will execute according to the global certificate authentication setting. The default is to authenticate server certificates.

1. Input can be given in two ways:
   * Option 1: Specify InputiLOCSV

Specify list of iLO IP addresses along with Username and Password in a CSV file.

Format is : IP,Username,Password

Parameter OutputCSV is optional. If it is not specified, output file is created in the current directory.

* + Option 2: Specify iLOIP, iLOUsername and iLOPassword. Parameter OutputCSV is

Optional. If it is not specified, output file is created in the current directory.

1. For complete help, type

**Get-Help ./GetHPiLOSystemInventory.ps1 -Full**