



Intel® Command Line Interface v3.0

Release Notes

Release Date: February 2012

RC 1



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1. Package Contents

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Note: This product contains free/open source software licensed under the free/open source licenses. These licenses grant you specific rights. Full copies of the applicable licenses can be found on the Resource DVD/*SMS Release Notes* or at support site <http://support.intel.com/support/motherboards/server/sysmgmt/sb/CS-031025.htm>

2. Supported Operating Systems

- Windows* Server 2003 Standard/Enterprise Edition – SP2 - x86 & EM64T
- Windows* Server 2003 Standard/Enterprise - R2 - x86 & EM64T
- Windows* Server 2008 x86 & EM64T
- Windows* Server 2003 SBS, 2003 R2
- Windows* Essential Business Server 2008(Centro)
- Windows* Server 2008 R2
- Windows 7*
- Red Hat* Enterprise Linux 5 x86/x64
- Red Hat* Enterprise Linux 6 x86/x64
- SuSE* Linux ES 9 SP4
- SuSE* Linux ES 10 SP2
- SuSE* Linux ES 11

3. Supported Server Platforms

Multi-Core Intel® Xeon® Processor E5 Sequence-based Servers

- Intel® Server Board S2400EP
- Intel® Server Board S2400BB
- Intel® Server Board S2400GP
- Intel® Server Board S2400LP
- Intel® Server Board S2600WP
- Intel® Server Board S2400SC
- Intel® Server Board S2600CO
- Intel® Server Board S2600JF
- Intel® Server Board S2600GL
- Intel® Server Board S2600GZ
- Intel® Server Board W2600CR
- Intel® Server Board S2600IP
- Intel® Server Board S2600CP



Multi-Core Intel® Xeon® Processor 5500 Sequence-based Servers

- Intel® Server Board S5520UR
- Intel® Server Board S5520URT
- Intel® Server Board S5500BC
- Intel® Server Board S5520HC
- Intel® Server Board S5500HCV
- Intel® Server Board S5500HCT
- Intel® Server Board S5500WB
- Intel® Workstation Board S5520SC

Multi-Core Intel® Xeon® Processor 3000 Sequence-based Servers

- Intel® Server Board S1200BTL
- Intel® Server Board S3420GP (LC, LX, RX)
- Intel® Server Board SR1640TH

4. Supported Languages

- English
- Brazilian Portuguese
- Chinese Simplified
- Chinese Traditional
- French
- German
- Italian
- Japanese
- Korean
- Russian
- Spanish

5. Features

The Intel® Command Line Interface lets you control a server from the command line rather than from a graphical user interface. You can enter Intel® Command Line Interface commands at a command prompt or from a script file to do the following:

- Remotely power on or off a server
- Remotely reset the server
- Request machine identifiers
- Read sensor values



- Display the network configuration of the BMC
- IPMI 1.0, 1.5 and 2.0 authentication support
- Packet encryption based on IPMI version

You can also execute Perl* scripts to issue commands to multiple remote servers. You can use any of the following consoles to launch dpccli or telnet and issue Intel® Command Line Interface commands:

- The Window's command-line environment (command prompt)
- A Linux* command shell

6. Installation & Uninstallation

6.1. Installation

6.1.1. Windows:

- Insert the DVD and browse using windows explorer.
- Navigate to <Drive Name>:\ software\utilities\windows
- To install Intel® CLI for 32 bit windows server double click Command Line Interface-x86.exe from CLI_i386 folder and follow the instructions.
- To install Intel® CLI for 64 bit windows server double click Command Line Interface-x86_64.exe from CLI_64 folder and follow the instructions.

6.1.2. Linux:

- To install Intel® CLI for RHEL, run the script CLI_RHLinux_install.sh in command shell.
- To install Intel® CLI for SLES, run the script CLI_Suse_Install.sh in command shell

6.2. Un-Installation

6.2.1. Windows:

Use control panel Add / Remove programs to un-install the Intel® Command Line Interface.
Linux:

6.2.2. Linux:

- To uninstall Intel® CLI in RHEL, run the script CLI_RHLinux_UnInstall.sh in command shell.
- To uninstall Intel® CLI in SLES, run the script CLI_Suse_UnInstall.sh in command shell

7. Known Issues & Workarounds

- In any RHEL 6 Operating system, before the CLI installation Compat-libstdc++ package should be installed.
- In any SuSE x64* Operating system, after the CLI installation, it will show cliservice as unknown. The workaround is as follows:-
 - Go to /usr/local/cli
 - Type the command ./dpcproxy and click Enter



- Type the command `./dpccli`
- CLI supports limited decoding of SEL events. It will not decode OEM events / OEM Event Data bytes and Extended SEL bytes.
- CLI decodes discrete sensor severity as "ok" and "error". It doesn't interpret the severity further.