

XClarity Essentials OneCLI

Introduction to XClarity Essentials OneCLI

Lenovo

What is XClarity Essentials OneCLI?

XClarity Essentials OneCLI (OneCLI) is a command-line utility that can be used to monitor, update, and configure a system. OneCLI replaces the IBM Advanced Settings Utility (ASU), Dynamic System Analysis (DSA), and UpdateXpress System Pack Installer (UXSPI) tools.

Common tasks performed by OneCLI include:

- Updating VPD information after part replacement
- Collecting and clearing XCC logs
- Collecting first failure data capture (FFDC) logs
- Updating firmware and device drivers
- Feature-on-demand (FOD)

OneCLI allows users to perform these tasks locally on a system (in-band) or remotely (out-of-band), either by using a remote console to run the CLI commands on a remote system, or by using a remote function option in the command line.

OneCLI also supports multiple threads, allowing automation scripts to be made to execute multiple OneCLI tasks to multiple systems.

How to use OneCLI

OneCLI can be downloaded from Lenovo Support at <https://support.lenovo.com/tw/en/solutions/lvvo-tcli>

Extract the archive file into a local destination. Open a command prompt or terminal and go to the OneCLI root directory. The general OneCLI command syntax is:

```
onecli.exe  
<application>  
<command>  
<command option>  
<connection option>
```



Click the command sections for more information

Note: Use `./onecli` instead of `onecli.exe` for Linux operating systems.

Common tasks

Click the links for more information on how to use OneCLI to perform the following common tasks:

- [Display and clear the BMC \(XCC\) log](#)
- [Display the inventory](#)
- [Collect the FFDC log](#)
- [Update VPD](#)
- [Update system firmware and drivers](#)

Note: To use OneCLI commands on a remote system, add `--bmc <username>:<password>@<BMC IP address> [:<port number>]` to the command.

TUI mode

OneCLI version 3.0.1 and later includes an enhancement to TUI mode. Use the `onecli tui` command to enter OneCLI TUI mode.

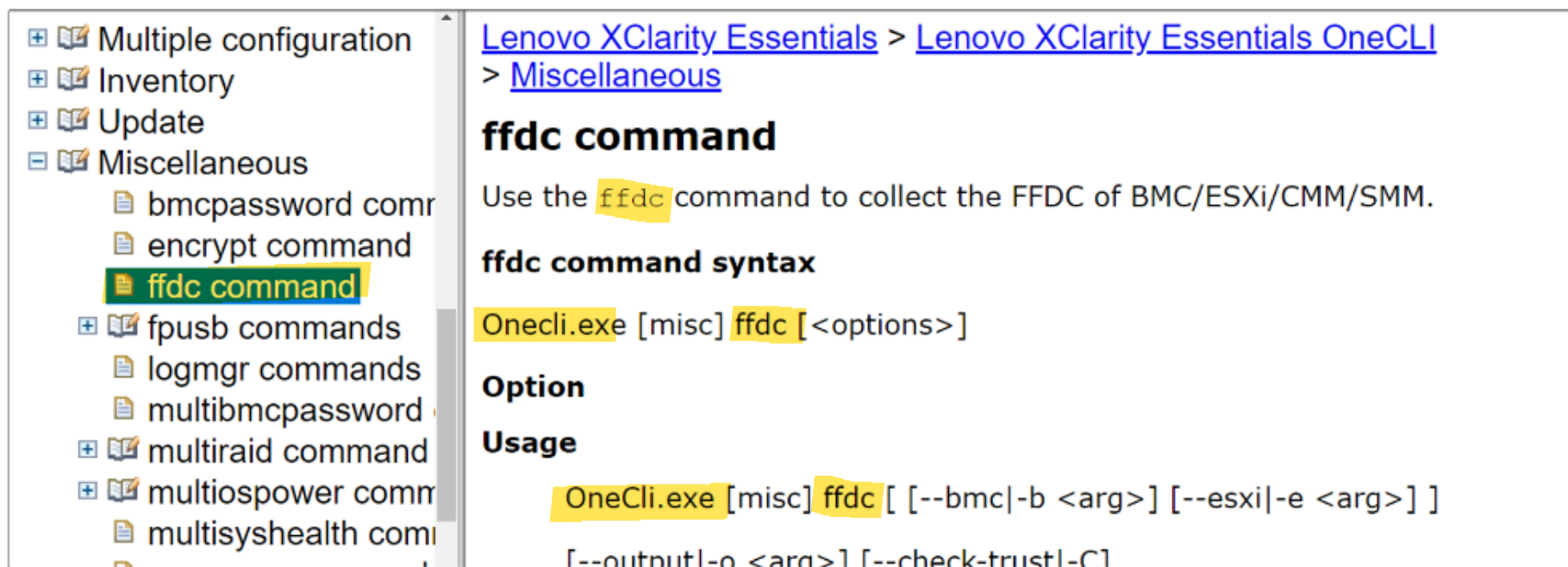
```
===== OneCLI Interactive Menu =====  
[1] Update Firmware  
[2] Update VPD  
[3] Advanced System Configuration  
[4] Collect FFDC Logs and Inventory Information  
[5] RAID Configuration  
[Q] Quit Program
```

For a complete set of instructions about OneCLI TUI mode, refer to the Chapter 10. tui section of the [OneCLI User Guide](#)

OneCLI helpful links

For the complete command syntax and option parameters for **OneCLI commands**, refer to the following links:

- XClarity Essentials **OneCLI** user guide (PDF version):
https://sysmgt.lenovofiles.com/help/topic/toolstr_cli_lenovo/onecli_bk.pdf
- XClarity Essentials **OneCLI** documentation:
https://sysmgt.lenovofiles.com/help/topic/toolstr_cli_lenovo/onecli_r_sysxflexbc.html?cp=5_0



The screenshot displays a web-based documentation interface for OneCLI. On the left, a sidebar menu lists various command categories: Multiple configuration, Inventory, Update, and Miscellaneous. The 'Miscellaneous' category is expanded, showing sub-items like 'bmcpasswd command', 'encrypt command', 'ffdc command' (which is highlighted), 'fpush commands', 'logmgr commands', 'multibmcpasswd', 'multiraid command', 'multiospower command', and 'multisyshealth command'. The main content area on the right shows the breadcrumb path 'Lenovo XClarity Essentials > Lenovo XClarity Essentials OneCLI > Miscellaneous'. Below this, the 'ffdc command' section is titled, followed by a description: 'Use the **ffdc** command to collect the FFDC of BMC/ESXi/CMM/SMM.' The 'ffdc command syntax' is shown as 'Onecli.exe [misc] **ffdc** [<options>]'. Under the 'Option' heading, the 'Usage' section provides the full command syntax: 'Onecli.exe [misc] **ffdc** [[--bmc|-b <arg>] [--esxi|-e <arg>]] [--output|-o <arg>] [--check-trust|-C]