

**Oracle® ILOM Quick Reference for CLI
Commands Firmware Release 3.2.x**

ORACLE®

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Using This Documentation

- **Overview** – The *Oracle ILOM Quick Reference for CLI Commands* identifies a list of basic commands that you can use to remotely manage your Oracle servers and blade chassis systems.
- **Audience** – This guide is intended for technicians, system administrators, and authorized Oracle service providers.
- **Required knowledge** – Users should have experience managing system hardware.

Product Documentation Library

Late-breaking information and known issues for this product are included in the documentation library at http://docs.oracle.com/cd/E37444_01/index.html.

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Provide feedback about this documentation at <http://www.oracle.com/goto/docfeedback>.

Oracle ILOM Quick Reference for CLI Commands

This section contains information about common Oracle ILOM 3.2.x CLI commands.

The following categories of commands are included in this section:

- [“System Information and Management” on page 9](#)
- [“Host and System Control” on page 10](#)
- [“Oracle ILOM Initial Setup” on page 10](#)
- [“System Monitoring and Status” on page 11](#)
- [“System Inventory” on page 12](#)
- [“Oracle ILOM Maintenance” on page 12](#)
- [“Oracle ILOM Configuration Management” on page 12](#)
- [“Oracle ILOM Help” on page 12](#)

System Information and Management

TABLE 1 System Information and Management Commands

Task	CLI Command
Show Oracle ILOM version	<code>version</code>
Show system information	<code>show /System model part_number serial_number</code>
Show x86 BIOS version (legacy BIOS platforms)	<code>show /System/BIOS version</code>
Show x86 BIOS version (UEFI BIOS platforms)	<code>show /System/Firmware/Other_Firmware/ Firmware_1 version</code>
Show SPARC system firmware version	<code>show /System sys_fw_version</code>
Show SP IP address	<code>show /System ilom_address</code>
Show SP MAC address	<code>show /System ilom_mac_address</code>
Show host MAC address	<code>show /System host_primary_mac_address</code>

Task	CLI Command
Turn on the Locator LED	set /System locator_indicator=on
Turn off the Locator LED	set /System locator_indicator=off

Host and System Control

TABLE 2 Host and System Control Commands

Task	CLI Command
Power on the server	start /System
Power off the server	stop [-force] /System
Power cycle the server	reset /System
Redirect host console stream to Oracle ILOM	start /HOST/console
Force PXE boot on next boot (x86 only)	set /HOST boot_device=pxe
Force boot to CD-ROM or DVD on the next boot (x86 only)	set /HOST boot_device=cdrom
Setting diagnostic tests to run.	Use the /HOST/diag target to set diagnostic tests.
For further configuration details, see “Setting Diagnostic Tests to Run” in <i>Oracle ILOM Administrator’s Guide for Configuration and Maintenance Firmware Release 3.2.x</i>	Use the help command to determine the host diagnostic properties supported on the server.
	help /HOST/diag

Oracle ILOM Initial Setup

TABLE 3 Oracle ILOM Initial Setup Commands

Task	CLI Command
Show network configuration	show /SP/network
Configure static IPv4 address	set /SP/network pendingipdiscovery=static pendingipaddress= <i>address</i> pendingipnetmask= <i>netmask</i> pendingipgateway= <i>address</i> commitpending=true
Configure static IPv6 address	set /SP/network/ipv6 state=enabled pending_static_ipaddress= <i>ipv6address</i>
Enable DHCP	set /SP/network commitpending=true set /SP/network pendingipdiscovery=dynamic commitpending=true
Set the Oracle ILOM host name	set /SP hostname= <i>hostname</i>
Set the system identifier	set /SP system_identifier= <i>identifier</i>

Task	CLI Command
Create user account with all privileges	<code>create /SP/users/newusername role=aucro [password=password]</code>
Create user account with host operator privileges	<code>create /SP/users/newusername role=cro [password=password]</code>
Create read-only user account	<code>create /SP/users/newusername role=o [password=password]</code>
Delete user account	<code>delete /SP/users/username</code>
Override DNS servers retrieved from DHCP	<code>set /SP/clients/dns auto_dns=disabled nameserver=nameserver1,nameserver2 searchpath=searchpath1,searchpath2</code>
Set the Oracle ILOM date and time	<code>set /SP/clock datetime=MMDDhhmmYYYY.ss</code>
Configure an NTP server	<code>set /SP/clients/ntp/server/1 address=address</code>
	<code>set /SP/clock usentpserver=enabled</code>
Change the external serial port speed	<code>set /SP/serial/external pendingspeed=9600 19200 38400 57600 115200 commitpending=true</code>

System Monitoring and Status

TABLE 4 System Monitoring and Status Commands

Task	CLI Command
Check the overall system health	<code>show /System health</code>
List all open hardware problems	<code>show /System/Open_Problems</code>
Show the Oracle ILOM System Log	<code>show /System/Logs/list</code>
Show cooling summary information	<code>show /System/Cooling</code>
Show actual system power consumption	<code>show /System actual_power_consumption</code>
Show the Oracle ILOM Event Log	<code>show /SP/logs/event/list</code>
Show the Oracle ILOM Audit Log	<code>show /SP/logs/audit/list</code>
Configure an SNMP trap destination	<code>set /SP/alertmgmt/rules/1 type=snmptrap snmp_version=1 level=minor destination=ipaddress destination_port=port community_or_username=community</code>

System Inventory

TABLE 5 System Inventory Commands

Task	CLI Command
List information about all DIMMs	<code>show -level all -output table /System/Memory/DIMMs</code>
List information about all CPUs	<code>show -level all -output table /System/Processors/CPUs</code>
List information about all power supplies	<code>show -level all -output table /System/Power/Power_Supplies</code>
List information about all hard disks	<code>show -level all -output table /System/Storage/Disks</code>

Oracle ILOM Maintenance

TABLE 6 Oracle ILOM Maintenance Commands

Task	CLI Command
Update Oracle ILOM firmware	<code>load -source URI /SP/firmware</code>
Reset Oracle ILOM SP	<code>reset /SP</code>

Oracle ILOM Configuration Management

TABLE 7 Oracle ILOM Configuration Management

Task	CLI Command
Reset Oracle ILOM configuration to factory defaults	<code>set /SP reset_to_defaults=all</code>
Back up Oracle ILOM configuration to a file	<code>dump -destination URI /SP/config</code>
Restore Oracle ILOM configuration from a file	<code>load -source URI /SP/config</code>

Oracle ILOM Help

TABLE 8 Oracle ILOM Help Commands

Task	CLI Command
View all CLI targets for the system in any part of the CLI	<code>help targets</code>

Task	CLI Command
View help for targets or properties	<code>help <i>target property</i></code>

