

Basic CLI Command Reference

Oracle Integrated Lights Out Manager (ILOM) 3.1

TABLE 1 System Information and Management – CLI 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/Firmware/Other_Firmware/Firmware_1 version</code>
Show x86 BIOS version (UEFI BIOS platforms)	<code>show /System/BIOS 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>
Turn on the Locator LED	<code>set /System locator_indicator=on</code>
Turn off the Locator LED	<code>set /System locator_indicator=off</code>

TABLE 2 Host and System Control – CLI Commands

Task	CLI Command
Power on the server	<code>start /System</code>
Power off the server	<code>stop [-force] /System</code>
Power cycle the server	<code>reset /System</code>
Redirect host console stream to Oracle ILOM	<code>start /HOST/console</code>
Force PXE boot on next boot (x86 only)	<code>set /HOST boot_device=pxe</code>
Force boot to CD-ROM or DVD on the next boot (x86 only)	<code>set /HOST boot_device=cdrom</code>
Enable x86 diagnostics to run on next boot	<code>set /HOST/diag state=enabled</code>
Enable SPARC diagnostic state (default value)	<code>set /SYS keyswitch_state=diag</code>

TABLE 3 Oracle ILOM Initial Setup – CLI Commands

Task	CLI Command
Show network configuration	<code>show /SP/network</code>
Configure static IPv4 address	<code>set /SP/network pendingipdiscovery=static pendingipaddress=<i>address</i> pendingipnetmask=<i>netmask</i> pendingipgateway=<i>address</i> commitpending=true</code>
Configure static IPv6 address	<code>set /SP/network/ipv6 state=enabled pending_static_ipaddress=<i>ipv6address</i> set /SP/network commitpending=true</code>
Enable DHCP	<code>set /SP/network pendingipdiscovery=dynamic commitpending=true</code>
Set the Oracle ILOM host name	<code>set /SP hostname=<i>hostname</i></code>
Set the system identifier	<code>set /SP system_identifier=<i>identifier</i></code>
Create user account with all privileges	<code>create /SP/users/<i>newusername</i> role=aucro [password=<i>password</i>]</code>
Create user account with host operator privileges	<code>create /SP/users/<i>newusername</i> role=cro [password=<i>password</i>]</code>
Create read-only user account	<code>create /SP/users/<i>newusername</i> role=o [password=<i>password</i>]</code>
Delete user account	<code>delete /SP/users/<i>username</i></code>
Override DNS servers retrieved from DHCP	<code>set /SP/clients/dns auto_dns=disabled nameserver=<i>nameserver1</i>,<i>nameserver2</i> searchpath=<i>searchpath1</i>,<i>searchpath2</i></code>

TABLE 3 Oracle ILOM Initial Setup – CLI Commands (Continued)

Task	CLI Command
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 usntpserver=enabled</code>
Change the external serial port speed	<code>set /SP/serial/external pendingspeed=9600 19200 38400 57600 115200</code> <code>commitpending=true</code>

TABLE 4 System Monitoring and Status – CLI 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 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>
Configure an SNMP trap destination	<code>set /SP/alertmgmt/rules/1 type=snmptrap snmp_version=1 level=minor</code> <code>destination=ipaddress destination_port=port community_or_username=community</code>

TABLE 5 System Inventory – CLI 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>

TABLE 6 Oracle ILOM Maintenance – CLI Commands

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

TABLE 7 Oracle ILOM Configuration Management – CLI Commands

Task	CLI Command
Reset Oracle ILOM configuration to factory defaults	<code>set /SP reset_to_defaults=all</code>
Backup 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>

TABLE 8 Oracle ILOM Help - CLI Commands

Tasks	CLI Commsnds
View all CLI targets for the system in any part of the CLI	<code>help targets</code>
View help for targets or properties	<code>help target property</code>

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