Viewing Server Properties

This chapter includes the following sections:

Viewing Server Properties

Procedure

	Command or Action	Purpose
Step 1	Server # **scope chassis**	Enters chassis command mode.
Step 2	Server /chassis # **scope server** {**1** | **2**}	Enters server command mode of server 1 or 2.
Step 3	Server /chassis /server # **show detail**	Displays server properties.

Example

This example displays server properties:

```
Server# scope chassis
Server /chassis #scope server 1
Server /chassis /Server #show
Server ID Power Serial Number Product Name  PID              UUID

--------- ----- ------------- ------------- ----------------
-----------------------------------
2         on    FCH183978RD   UCS S3260     UCSC-C3X60-SVRNB
207BD0D4-C589-40C1-A73E-EF6E7F773198

Server /chassis /Server #show detail
```

```
Server ID 1:
    Power: off
    Serial Number: FCH1848794D
    Product Name: UCS S3260
    PID: UCSC-C3X60-SVRNB
    UUID: 60974271-A514-484C-BAE3-A5EE4FD16E06
 Server /chassis /Server #
```

Viewing CMC Properties

Procedure

	Command or Action	Purpose
Step 1	server # **scope chassis**	Enters chassis command mode.
Step 2	server /chassis # **scope cmc** *1|2*	Enters CMC on the chosen SIOC controller command mode.
Step 3	server /chassis/cmc # **show detail**	Displays the CMC details for the chosen SIOC controller.

This example shows how to view the CMC details:

Viewing Server CPU Details

Procedure

	Command or Action	Purpose
Step 1	Server # **scope chassis**	Enters chassis command mode.
Step 2	Server /chassis # **scope server** {**1** | **2**}	Enters server command mode of server 1 or 2.
Step 3	Server /chassis /server # **show cpu**	Displays CPU details for the server.
Step 4	Server# **show cpu-pid**	Displays the CPU product IDs .

Example

This example displays the CPU details for the server:

```
Server# scope chassis
Server /chassis #scope server 1
Server /chassis /Server #show cpu
Name         Cores    Version
------------ -------- --------------------------------------------------
CPU1         6        Intel(R) Xeon(R) CPU E5-2620 v2 @ 2.10GHz
CPU2         6        Intel(R) Xeon(R) CPU E5-2620 v2 @ 2.10GHz
```

```
Server /chassis /Server #show cpu-pid
Socket Product ID           Model
------ -------------------- ----------------------------------------
CPU1   UCS-CPU-E52620B      Intel(R) Xeon(R) CPU E5-2620 v2 @ 2.1...
CPU2   UCS-CPU-E52620B      Intel(R) Xeon(R) CPU E5-2620 v2 @ 2.1...

 Server /chassis /Server #
```

Viewing Memory Properties

Procedure

	Command or Action	Purpose
Step 1	Server # **scope chassis**	Enters chassis command mode.
Step 2	Server /chassis # **scope server** {**1** | **2**}	Enters server command mode of server 1 or 2.
Step 3	Server /chassis /server # **show dimm**	Displays DIMM details for the server.
Step 4	Server# **show dimm-pid**	Displays the DIMM product IDs.
Step 5	Server# **show dimm-summary**	Displays the DIMM summary information .

Example

This example displays the DIMM details for the server.:

```
Server# scope chassis
Server /chassis #scope server 1
Server /chassis /Server #show dimm
Name                  Capacity        Channel Speed (MHz) Channel Type
--------------------- --------------- ------------------- ---------------
DIMM_A1               16384 MB        1866                DDR3
DIMM_A2               16384 MB        1866                DDR3
DIMM_B1               16384 MB        1866                DDR3
DIMM_B2               16384 MB        1866                DDR3
DIMM_C1               16384 MB        1866                DDR3
DIMM_C2               16384 MB        1866                DDR3
DIMM_D1               16384 MB        1866                DDR3
DIMM_D2               16384 MB        1866                DDR3
DIMM_E1               16384 MB        1866                DDR3
DIMM_E2               16384 MB        1866                DDR3
DIMM_F1               16384 MB        1866                DDR3
DIMM_F2               16384 MB        1866                DDR3
DIMM_G1               16384 MB        1866                DDR3
DIMM_G2               16384 MB        1866                DDR3
DIMM_H1               16384 MB        1866                DDR3
DIMM_H2               16384 MB        1866                DDR3

Server /chassis /Server #show dimm-pid
Name               Product ID           Vendor ID  Capacity  Speed
------------------ -------------------- ---------- --------- ------
DIMM_A1            UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_A2            UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_B1            UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
```

```
DIMM_B2           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_C1           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_C2           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_D1           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_D2           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_E1           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_E2           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_F1           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_F2           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_G1           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_G2           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_H1           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866
DIMM_H2           UCS-MR-1X162RZ-A     0xCE00     16384 MB  1866

Server /chassis /Server #show dimm-summary
DIMM Summary:
    Memory Speed: 1600 MHz
    Total Memory: 262144 MB
    Effective Memory: 262144 MB
    Redundant Memory: 0 MB
    Failed Memory: 0 MB
    Ignored Memory: 0 MB
    Number of Ignored Dimms: 0
    Number of Failed Dimms: 0
    Memory RAS possible: Independent Mirroring Lockstep
    Memory Configuration: Independent


 Server /chassis /Server #
```

Viewing PCI Adapter Properties for a Server

Procedure

	Command or Action	Purpose
Step 1	Server # **scope chassis**	Enters chassis command mode.
Step 2	Server /chassis # **scope server** {**1** | **2**}	Enters server command mode of server 1 or 2.
Step 3	Server /chassis /server # **show pci-adapter**	Displays PCI adapter details for the server.
Step 4	Server# **show pciadapter-pid**	Displays the PCI adapter product IDs.

Example

This example displays the PCI adapter details for the server.:

```
Server# scope chassis
Server /chassis #scope server 1
Server /chassis /Server #show pci-adapter


Slot       Vendor ID  Device ID  SubVendor ID  SubDevice ID  Firmware Version Product Name

---------- ---------- ---------- ------------- ------------- -------------
-------------------------
```

```
L          0x8086     0x1521     0x1137        0x00d5        0x80000E74... Intel(R) I350 1
 Gbps N...
1          0x1cc7     0x0200     0x1cc7        0x0200        N/A           Radian RMS-200
NVRAM card
MLOM       0x1137     0x0042     0x1137        0x0139        4.1(3S1)      Cisco UCS VIC
1227T MLOM
HBA        0x1000     0x005d     0x1137        0x00db        24.12.1-0107  Cisco 12G SAS
Modular ...

Option ROM Status
----------
Loaded
Not-Loaded
Not-Loaded
Loaded

Server /chassis /Server #show pciadapter-pid
Slot   Product ID           Vendor ID  Device ID   SubVendor ID  SubDevice ID
------ -------------------- ---------- ----------- ------------- -------------
1      UNKNOWN              0x1137     0x0042      0x1137        0x0157
M      UCSC-C3X60-RAID      0x1000     0x005d      0x1137        0x012d

 Server /chassis /Server #
```

Viewing HDD Details for a Server

Procedure

	Command or Action	Purpose
Step 1	Server # **scope chassis**	Enters chassis command mode.
Step 2	Server /chassis # **scope server** {**1** | **2**}	Enters server command mode of server 1 or 2.
Step 3	Server /chassis /server # **show hdd-pid**	Displays HDD details for the server.

Example

This example displays the HDD details for the server:

```
Server# scope chassis
Server /chassis #scope server 1
Server /chassis /Server #show hdd-pid
Disk Controller  Product ID           Vendor     Model
---- ----------- -------------------- ---------- ------------
1    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
2    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
3    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
4    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
5    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
6    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
7    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
8    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
9    SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
10   SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
11   SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
12   SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
```

```
13   SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400
14   SLOT-MEZZ   UCS-HD4T7KS3-E       TOSHIBA    MG03SCA400

 Server /chassis /Server#
```

Viewing Storage Adapter Properties for a Server

Procedure

	Command or Action	Purpose
Step 1	Server # **scope chassis**	Enters chassis command mode.
Step 2	Server /chassis # **scope server** {**1** | **2**}	Enters server command mode of server 1 or 2.
Step 3	Server /chassis /server # **show storageadapter**	Displays storage adapter details for the server.

Example

This example displays the storage adapter details for the server.:

```
Server# scope chassis
Server /chassis #scope server 1
Server /chassis /Server #show storageadapter
PCI Slot     Health         Controller Status ROC Temperature Product Name

------------ -------------- ----------------- ---------------
----------------------------------
SLOT-MEZZ    Good           Optimal           48 degrees C    RAID controller for UCS S3260
 S...

Serial Number   Firmware Package Build  Product ID  D Battery Status  Cache Memory Size
--------------  ----------------------  ----------  ----------------  -----------------
FCH184972F5      24.7.3-0006            LSI Logic   Optimal            3534 MB

Boot Drive  Boot Drive is PD
----------  -----------------
 0           false
 Server /chassis /Server #
```

Viewing TPM Properties

Procedure

	Command or Action	Purpose
Step 1	Server # **scope chassis**	Enters chassis command mode.
Step 2	Server /chassis # **scope server** {**1** | **2**}	Enters server command mode of server 1 or 2.
Step 3	Server /chassis/server # **show tpm-inventory**	Displays TPM properties for the server.

Example

This example displays the TPM properties for the server:

```
Server# scope chassis
Server /chassis #scope server 1
Server /chassis /Server #show tpm-inventory
Version     Presence     Enabled-Status     Active-Status     Ownership Revision

----------- ------------ ------------------ ----------------- --------- ------------
NA          empty        unknown            unknown           unknown   NA

Model            Vendor               Serial
---------------- -------------------- ----------------

 Server chassis /Server#
```