

Vendor: Cisco

Exam Code: 644-906

Exam Name: Implementing and Maintaining Cisco

Technologies Using IOS XR - (IMTXR)

Version: DEMO

QUESTION 1

Refer to the show environmental power-supply command output exhibit. How much power is the system currently using?

| R/S/I | Module | s | Capacity (W) | Status | |
|--|-----------------------------------|-------------------------|--------------------|-----------|-----------------------------------|
| 0/PM0/* | | | (1) | | |
| -, (2200) | hast | PM | 3000 | Ok | |
| 0/PM1/* | | | | | |
| 0/11114/ | hest | PM | 3000 | 0k | |
| 0/PM2/* | | | | | |
| 00000 | best | PM | 0 | Unpowered | |
| R/S/I | Power | Draw | Voltage | Current | |
| | (W) | | (V) | (A) | |
| 0/PM0/* | 270.5 | | 54.1 | 5.0 | |
| 0/PM1/* | 392.5 | | 54.5 | 7.2 | |
| 0/PM2/* | | | 0.0 | 0.0 | |
| Total: | 663.0 | | | | |
| Power B | udget S | ummary | for Rack 0 | | |
| | | MILLION MATERIAL STATES | | | |
| Power S | helves | Type: A | С | | |
| | ower Ca | | | 6000N | |
| Usable | Power C | apacity | • | 6000W | |
| | | | • 1 | ~~~~~ | |
| Supply | Failure | Protec | ted Capacity: | 3000W | |
| 100000000000000000000000000000000000000 | Failure ase Pow | | ted Capacity: | | |
| 100000000000000000000000000000000000000 | | | ted Capacity: | 3,000W | Max Watts |
| Worst C | | | ted Capacity: | 3,000W | Max Watts |
| Worst C Slot 0/RSP0/ | ase Pow | | ted Capacity: | 3,000W | 235 |
| Worst C Slot | ase Pow | | ted Capacity: | 3,000W | 235 |
| Worst C Slot 0/RSP0/ | ase Pow CPU0 CPU0 | | ted Capacity: | 3,000W | |
| Worst C Slot 0/RSP0/ 0/RSP1/ 0/2/CPU 0/FI0/S | ase Pow CPU0 CPU0 0 P | | ted Capacity: | 3,000W | 235 235 (default |
| Worst C Slot 0/RSP0/ 0/RSP1/ 0/2/CPU | ase Pow CPU0 CPU0 0 P | | ted Capacity: | 3,000W | 235 235 (default 630 |
| Worst C Slot 0/RSP0/ 0/RSP1/ 0/2/CPU 0/FI0/S 0/FI1/S | ase Pow CPU0 CPU0 0 P | er Used | ted Capacity: : | 3,000W | 235 235 (default 630 375 |

- A. 663 W
- B. 1150 W
- C. 1850 W
- D. 6000 W

Answer: A

QUESTION 2

Refer to the show environmental power-supply command output exhibit. How many additional line cards of the same type that are currently in the system can you safely install and remain redundant in the worse power usage if there is a power supply failure?

| | Module | :S | Capacity (W) | Status | |
|--|---|---|------------------------------|----------------------------|------------------------------------|
| 0/PM0/* | | | | | |
| , ,,,,,,, | host | PM | 3000 | Ok | |
| 0/PM1/* | | | | | |
| *************************************** | hest | PM | 3000 | 0k | |
| 0/PM2/* | | | | | |
| | host | PM | 0 | Unpowered | |
| R/S/I | Power | Draw | Voltage | Current | |
| | (W) | | (V) | (A) | |
| 0/PM0/* | 270.5 | | 54.1 | 5.0 | |
| 0/PM1/* | 392.5 | | 54.5 | 7.2 | |
| 0/PM2/* | 0.0 | | 0.0 | 0.0 | |
| | | | | | |
| | 663 0 | | | | |
| Total: | 003.0 | | | | |
| | | Summary | for Rack 0 | | |
| | | ummary | for Rack 0 | | |
| Power B | udget S | | | | |
| Power B | udget S | Type: A | c | 6000N | |
| Power B | udget S helves ower Ca | Type: A | c | 5.000 N 5.000 N | |
| Power B Power S Total P Usable | udget S helves ower Ca Power C | Type: A | c | 5.000N 5.000N 3.000N | |
| Power B Power S Total P Usable | udget S helves ower Ca Power C Failure | Type: A pacity: apacity Protec | C : ted Capacity: | 5000W | |
| Power B Power S Total P Usable Supply | udget S helves ower Ca Power C Failure | Type: A pacity: apacity Protec | C : ted Capacity: | 6000N 3000N | Max Watts |
| Power B Power S Total P Usable Supply Worst C | udget S helves ower Ca Power C Failure | Type: A pacity: apacity Protec | C : ted Capacity: | 6000N 3000N | Max Watts |
| Power B Power S Total P Usable Supply Worst C | udget S helves ower Ca Power C Failure ase Pow | Type: A pacity: apacity Protec | C : ted Capacity: | 6000N 3000N | |
| Power B Power S Total P Usable Supply Worst C Slot | helves ower Ca Power C Failure ase Pow | Type: A pacity: apacity Protec | C : ted Capacity: | 6000N 3000N | |
| Power S Total P Usable Supply Worst C Slot | helves ower Ca Power C Failure ase Pow | Type: A pacity: apacity Protec | C : ted Capacity: | 6000N 3000N | 235 |
| Power B Power S Total P Usable Supply Worst C Slot 0/RSP0/ | udget S helves ower Ca Power C Failure ase Pow CPU0 | Type: A pacity: apacity Protec | C : ted Capacity: | 6000N 3000N | 235 235 (default) |
| Power B Power S Total P Usable Supply Worst C Slot 0/RSP0/ 0/RSP1/ 0/2/CPU | helves ower Ca Power C Failure ase Pow CPU0 CPU0 P | Type: A pacity: apacity Protec | C : ted Capacity: | 6000N 3000N | 235 235 (default) 630 |
| Power B Power S Total P Usable Supply Worst C Slot 0/RSP0/ 0/RSP1/ 0/2/CPU 0/FT0/S | udget S helves ower Ca Power C Failure ase Pow CPU0 CPU0 P | Type: A pacity: apacity Protec | C : ted Capacity: : | 6000N 3000N | 235 235 (default) 630 375 |

- A. 1
- B. 2
- C. 3
- D. 4
- E. 5

Answer: A

QUESTION 3

What is the maximum long-term normal operating temperature of the Cisco CRS-1, ASR 9000 Series Routers, and XR 12000 Series Routers?

- A. 40C (104F)
- B. 50C (122F)
- C. 55C (131F)
- D. 65C (149F)

Answer: A

QUESTION 4

The Cisco CRS 16-Slot Line Card Chassis Site Planning Guide suggests having 48 inches of clearance behind the chassis. What would definitely happen to the system if there were only 28 inches of clearance behind the Cisco CRS 16-Slot Line Card Chassis?

- A. The system would overheat due to inadequate airflow.
- B. The fabric card could not be exchanged if one failed.
- C. The modular services card (MSC) could not be exchanged if one failed.
- D. The fan tray could not be exchanged if one failed.

Answer: D

QUESTION 5

How many planes are there in the Cisco CRS-3 switch fabric?

- A. 1
- B. 3
- C. 7
- D. 8

Answer: D

QUESTION 6

What is the cell size of the cells that traverse the switch fabric on the Cisco CRS-3?

- A. 128 bytes
- B. 136 bytes
- C. 144 bytes
- D. 200 bytes

E. 288 bytes

Answer: B

QUESTION 7

Where are client interfaces terminated on the Cisco CRS-3?

- A. the modular services card
- B. the physical layer interface module(s)
- C. the switch fabric interface terminator
- D. the Service Processor 40
- E. the Service Processor 140

Answer: B

QUESTION 8

In order to determine the hardware and firmware revision of a linecard, what is the correct command that should be invoked?

- A. RP/0/RP0/CPU0:CRS-MC#show version
- B. RP/0/RP0/CPU0:CRS-MC#show platform
- C. RP/0/RP0/CPU0:CRS-MC(admin)#show platform
- D. RP/0/RP0/CPU0:CRS-MC#show diagnostic summary
- E. RP/0/RP0/CPU0:CRS-MC(admin)#show diag details

Answer: E

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