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## Q&A

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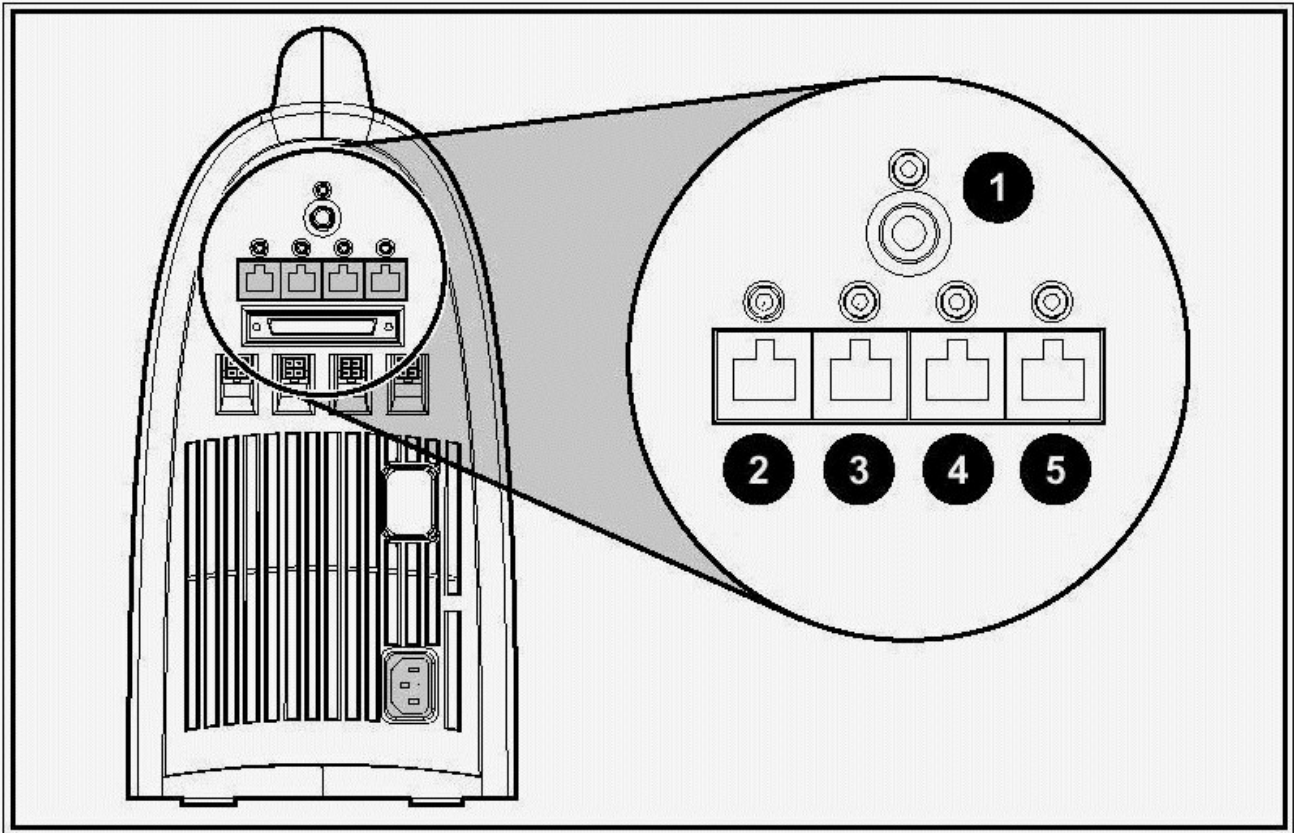
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**Exam** : **HP0-490**

**Title** : HP BladeSystem p-Class  
Solutions I

**Version** : DEMO

1. Click the Exhibit button. Which label corresponds to the default PXE NIC of the connected blade server?



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

**Correct:B**

2. You are diagnosing a problem with an HP BladeSystem infrastructure. Some of the blade servers do not power on and the hot-plug power supply fault LED is flashing amber. What is the cause of this problem?

- A. The current power consumption exceeds the available power capacity.
- B. The management modules are cabled incorrectly.
- C. The power enclosure management module has failed.
- D. The power supply backplane has failed.

**Correct:A**

3. You insert two ProLiant BL35p blade servers into a blade server sleeve which you then connect to the Diagnostic Station. When you attempt to power on the blade servers only one turns on. Why?

- A. You used a single power supply in the Diagnostic Station instead of two.
- B. Only one ProLiant BL35p blade server can be powered at one time by the Diagnostic Station.
- C. The ProLiant BL35p blade servers are not supported with the Diagnostic Station.
- D. You only connected one power cable from the Diagnostic Station to the blade server sleeve.

**Correct:B**

**4.What is the function of the ProLiant BL p-Class Diagnostic Station?**

- A.scans all major hardware components of a ProLiant BL p-Class blade server for failures
- B.powers on and enables communication with a single ProLiant BL p-Class blade server or an interconnect switch outside the rack environment
- C.diagnoses communication problems between the ProLiant BL p-Class blade servers, the supported interconnect switches, the blade server enclosure, and the power enclosure
- D.tests and diagnoses the functionality of either a ProLiant BL p-Class blade server or an interconnect switch

**Correct:B**

**5.You are diagnosing a problem with an HP BladeSystem infrastructure. The installed blade servers or interconnect switches do not power on but the power supply AC power LEDs are on. None of the fault LEDs are illuminated. You have ensured that the power enclosure is properly cabled and connected to the power outlets. What is the possible cause of this problem?**

- A.The power bus bar circuit breakers are in the off position.
- B.The power enclosure circuit breakers are in the off position.
- C.The power zones are incorrectly set.
- D.The sides A and B of the power enclosure do not have an equal number of power supplies.

**Correct:A**

**6.Which HP BladeSystem hardware component has a 1-year onsite support and warranty?**

- A.power backplane
- B.power supplies
- C.blade server sleeve
- D.ATA drives
- E.SCSI drives

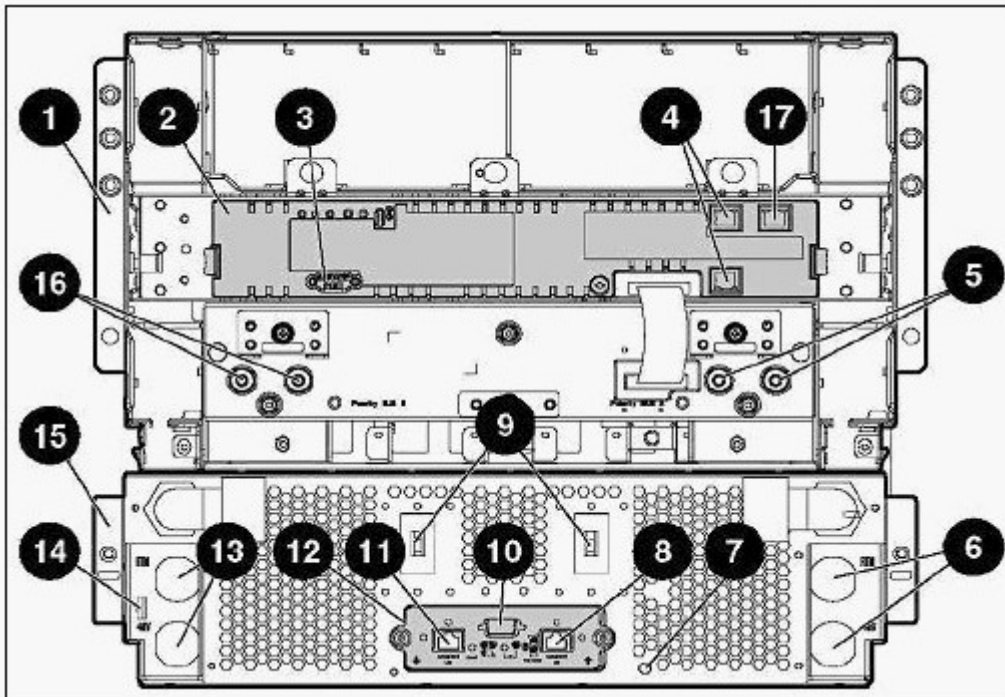
**Correct:D**

**7.Which utility enables you to approximate the power and heat load per rack, and calculate the full environmental impact of racks with varying configurations and loads?**

- A.Enterprise Configurator
- B.ProLiant BL p-Class Power Calculator
- C.Rack and Power Calculator
- D.Site Installation Preparation Utility

**Correct:D**

**8.Click the Exhibit button. Which label identifies the blade server enclosure DC power input connector for Bus A?**



- A.3
- B.5
- C.13
- D.16

**Correct:B**

**9.A customer has ordered a 42U rack fully configured with HP BladeSystem components from an HP reseller. The blade equipment arrived at the customer site badly damaged. What went wrong?**

- A.HP BladeSystem components may never be shipped preconfigured in a rack. They must be shipped individually and assembled on site.
- B.HP BladeSystem must be shipped pre-configured only by HP Factory Express, who installs the appropriate padding.
- C.The reseller failed to install the BL p-Class shipping brackets and obtain a shock pallet.
- D.HP does not support shipping pre-configured HP BladeSystem in a 42U rack.

**Correct:C**

**10.What is Smart Cooling?**

- A.an HP-patented cooling technology available with the enhanced blade server enclosure
- B.an HP-patented cooling technology available as an option for the HP 10000 series racks
- C.a feature of HP SIM 5.0 that is capable of monitoring the temperature inside the blade server enclosure and adjusting the cooling fan speed accordingly
- D.a tool produced by HP Labs that is used for thermal modeling and demonstrating the impact of server deployments in an enterprise data center

**Correct:D**

**11.Which ambient air direction is used by the HP BladeSystem for cooling?**

- A.front-to-back
- B.back-to-front
- C.top-to-bottom

D.bottom-to-top

**Correct:A**

**12.You are upgrading a non-enhanced blade server enclosure to an enhanced blade server enclosure. Your non-enhanced blade server enclosure was configured for power redundancy. You want to continue having power redundancy with the enhanced blade server enclosure. In addition to the Blade Server Enclosure Upgrade Kit, what else must you obtain?**

A.an additional power enclosure with power supplies

B.a power enclosure management module upgrade

C.3-phase UPS

D.additional power supplies

**Correct:A**

**13.What happens if the management module fails in the non-enhanced blade server enclosure?**

A.All blade servers continue to operate normally and all blade server iLO access continues unaffected.

B.All blade servers continue to operate normally and all blade server iLOs become accessible through the front I/O port only.

C.All blade servers continue to operate normally but all blade server iLO access becomes limited to the first blade server only.

D.All blade servers continue to operate normally but all blade server iLOs become unavailable until the management module is replaced.

**Correct:A**

**14.What is the primary difference between the non-enhanced ProLiant BL p-Class blade server enclosure and the enhanced ProLiant BL p-Class blade server enclosure?**

A.The enhanced blade server enclosure includes two additional bays for redundant network interconnects.

B.The enhanced blade server enclosure aggregates blade server iLOs into a single port on the side B network interconnect.

C.The enhanced blade server enclosure no longer requires use of the blade server sleeve for the ProLiant BL30p and BL35p blade servers.

D.The enhanced blade server enclosure has a split power backplane and requires two power enclosures for power redundancy.

**Correct:D**

**15.What is the maximum number of blade servers that you can install in an HP BladeSystem p-Class blade server enclosure with enhanced backplanes?**

A.8

B.12

C.16

D.20

**Correct:C**

**16.Which blade servers require the blade server sleeve? Select TWO.**

A.ProLiant BL20p G3

B.ProLiant BL45p

C.ProLiant BL30p

D.ProLiant BL25p

E.ProLiant BL20p G2

F.ProLiant BL40p

G.ProLiant BL35p

**Correct:C G**

**17.Which hardware components are provided to the individual blade servers by the HP BladeSystem infrastructure? Select THREE.**

- A.power supplies
- B.disk drives
- C.host bus adapters
- D.network interface controllers
- E.network interconnects
- F.processors
- G.SAN interconnects

**Correct:A E G**

**18.Which dual-processor blade server is designed for compute density and maximum power efficiency?**

- A.ProLiant BL25p
- B.ProLiant BL30p
- C.ProLiant BL35p
- D.ProLiant BL45p

**Correct:C**

**19.You have a SAS-version of the ProLiant BL35p blade server. What must you do to enable Fibre Channel storage connectivity?**

- A.Install the Fibre Channel mezzanine HBA card.
- B.Replace the four-port SAS HBA with the Fibre Channel pass-through board.
- C.Install the multi-function NIC which has the Fibre Channel HBA integrated.
- D.Use the ATA-version of the ProLiant BL35p to connect to the Fibre Channel storage.

**Correct:D**

**20.How does the ProLiant BL45p blade server connect to Fibre Channel storage?**

- A.using the Dual-Port Fibre Channel Mezzanine Card
- B.using a PCI-X based multi-function NIC that has the QLogic HBAs integrated
- C.using PCI-X based HBAs
- D.using the Ethernet pass-through board that has the QLogic HBAs integrated

**Correct:A**