



# HP2-T29<sup>Q&As</sup>

Delta - Building HP Server Solutions

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## QUESTION 1

Which HP Blade system interconnect module supports FCoE?

- A. MDS 9124e Fabric switch
- B. HP 4XFDR Infiniband switch
- C. Catalyst 3020 Blade switch
- D. Virtual Connect FlexFabric-20/40 F8

Correct Answer: B

Explanation:

The screenshot shows a PDF document titled "HP AT9 Server Solutions V2: Official Certification Study Guide (HP0-542 and HP0-129)". On the left, there is a photograph of a Virtual Connect interconnect module. Below the photo is the caption: "Figure 3-10. A Virtual Connect interconnect module". To the right of the photo, there is a section titled "Virtual Connect benefits" which lists several advantages: significantly reducing cabling and server connection complexity, maintaining constant end-to-end connections, separating server administration from LAN and SAN administration, enabling system administrators to be more self-sufficient, and relieving LAN and SAN administrators from server-centric maintenance. Below this, there is a section titled "Using Virtual Connect interconnect modules" which lists benefits such as reducing the number of cables and edge switches, allowing for preprovisioning of the network, enabling a flatter network, and providing direct server-to-server connectivity. At the bottom of the screenshot, there is a Windows taskbar showing the time as 10:09 AM.

## QUESTION 2



Active Health System

Monitors and records changes in the server hardware and system configuration  
Monitors hardware, generates alerts, and runs on the iLO chipset  
Provides out-of-the box single-server deployment and configuration capability  
Provides secure export of logs to speed up troubleshooting

Intelligent Provisioning

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Hot Area:



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QUESTION 3

Which HP server architecture enables customization of server networking adapters?

- A. FlexibleLOM
- B. FlexLayer
- C. FlexAttach
- D. FlexNetwork

Correct Answer: A

Explanation:

the past several years but are not current IT trends.

- 2.  B. **Flexible LOM** technology allows customers to select a NIC that provides the functions and bandwidth they need, without being limited by the NIC that is embedded on the system board. *For more information, see Chapter 1.*



#### QUESTION 4

Which HP Server family optimized for lightweight workloads including web serving, cloud, and hosted desktop infrastructure?

- A. HP blade System
- B. HP microserver
- C. Hp moonshot
- D. Hp Apollo

Correct Answer: C

Explanation:

### Moonshot system components

Moonshot systems include four primary components:

- **Moonshot Server Cartridges**—Moonshot Server Cartridges are workload-optimized servers that can handle a wide variety of workloads but are optimized for the lightweight workloads customers request most often—web serving, cloud, hosted desktop infrastructure, and more.

#### QUESTION 5

Which compute workloads are most suitable for scale-out computing solutions\\'?(Select two.)

- A. unified communication applications
- B. personal productivity applications
- C. geophysical exploration applications
- D. high frequency trading applications
- E. data center management applications

Correct Answer: CD



- Geophysical and meteorological sciences
- Entertainment and media production
- Visualization and rendering
- Finance

## Extending HPC access

HP is making HPC resources available as part of a service hybrid cloud solution (with the Apollo 6000 system). Based on HP OpenStack, it provides an open and scalable HPC cluster infrastructure.

HP has also partnered with Intel, as well as institutions such as George Mason University and the National Center for Manufacturing Sciences, to make HPC resources available in HPC innovation hubs. These hubs give small- and medium-sized manufacturers access to supercomputing resources, hardware, software, and expertise, so they can do the modeling and simulation needed to bring new products to market faster.

## Service providers

HPC customers use IT differently from corporate IT organizations. An HPC customer's expenditure on IT often approaches 90% of the total cost of the business—10 times that of a corporate IT organization. And the IT growth rates for a service provider can be many times the IT growth rate of a corporation. For service providers, IT is the business.

Within HPC, HP customers are continually looking for better performance to design better products, get to market faster, and achieve faster trading where microseconds translate to millions of dollars.

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