



# 642-998<sup>Q&As</sup>

Designing Cisco Data Center Unified Computing

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### QUESTION 1

Which five options are Cisco UCS hardware components? (Choose five.)

- A. UCS Manager
- B. Nexus 1000v
- C. Fabric Interconnect
- D. Cisco IMC
- E. Fabric Extender or IOM
- F. Blade Server Chassis
- G. Server Adapter
- H. VM-FEX

Correct Answer: ACEFG

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### QUESTION 2

Which Cisco energy management tool provides efficiency, monitoring, measuring, and fine-tuning of power usage?

- A. Cisco Power Calculator
- B. Cisco EnergyWise
- C. Cisco UCS PowerTool
- D. Cisco Fabric Manager

Correct Answer: B

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### QUESTION 3

What represents the number of bits in an IPv6 address?

- A. 32-bit dotted hex
- B. 48-bit dotted hex
- C. 64-bit dotted hex
- D. 128-bit dotted hex
- E. 160-bit dotted hex



Correct Answer: D

QUESTION 4

**Instructions**

- THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.
- To access the multiple-choice questions, click on the numbered boxes on the left of the top panel.
- There are four multiple-choice questions with this task. Be sure to answer all four questions before selecting the Next button.

**Scenario**

While using the Microsoft Assessment and planning toolkit to design a new design you come up with these results from the tool.

Answer the following questions from the content provided.

**Metrics Summary**

	A	B	C
1	<b>Placement Metrics Summary</b>		
	This report provides aggregates of normalized performance metrics used in several consolidation scenarios. The average, maximum and 95th percentile values for CPU utilization, memory, disk IOPS, network utilization and storage are shown in this report. For more information, see the "How it works" worksheet for details on how the data is normalized.		
2			
3			
4	<b>Machine Name</b>	<b>Average CPU Utilization (%)</b>	<b>Maximum CPU Utilization (%)</b>
5	POM-6P7P-02.CONTOSO.COM	0.15	1.31
6	POM-3HVE-VP07-1.WA.USA.CONTOSO.COM	3.3	6.82
7	POM-6H8C-HV2-2.CONTOSO.COM	13.31	14.18
8	pom-3h3e-vs05-1.USA.CONTOSO.COM	52.31	56.21
9	pom-6pxp-01.USA.CONTOSO.COM	0.12	1.45
10	pom-3sqlmumw-02.CONTOSO.COM	0.55	2.07
11	POM-IP8I-2.WA.USA.CONTOSO.COM	1.03	24.65
12	POM-3P8E-01.WA.USA.CONTOSO.COM	0.54	2.76
13	POM-3SQL08XM-01.CONTOSO.COM	0.14	1.22
14	pom-3p3e-01.WA.USA.CONTOSO.COM	0.18	1.38
	pom-3pxp-	1.09	9.01

While using the Microsoft Assessment and planning toolkit, please answer the following question.



Highest Maximum CPU Utilization?

- A. 10%
- B. 24%
- C. 56%
- D. 100%
- E. 138%

Correct Answer: C

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#### QUESTION 5

When multicast traffic is a required design element, why is the Cisco UCS 6248UP a better choice than the Cisco UCS 6140XP?

- A. Cisco UCS 6140XP does not allow multicast traffic propagation.
- B. Cisco UCS 6140XP does not support IGMP snooping on uplink interfaces.
- C. Cisco UCS 6248UP employs separate unicast and multicast egress queues.
- D. Cisco UCS 6248UP supports PIM dense mode rendezvous points.
- E. Cisco UCS 6248UP supports dynamic queue mapping of IGMP v3 requests.

Correct Answer: C

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