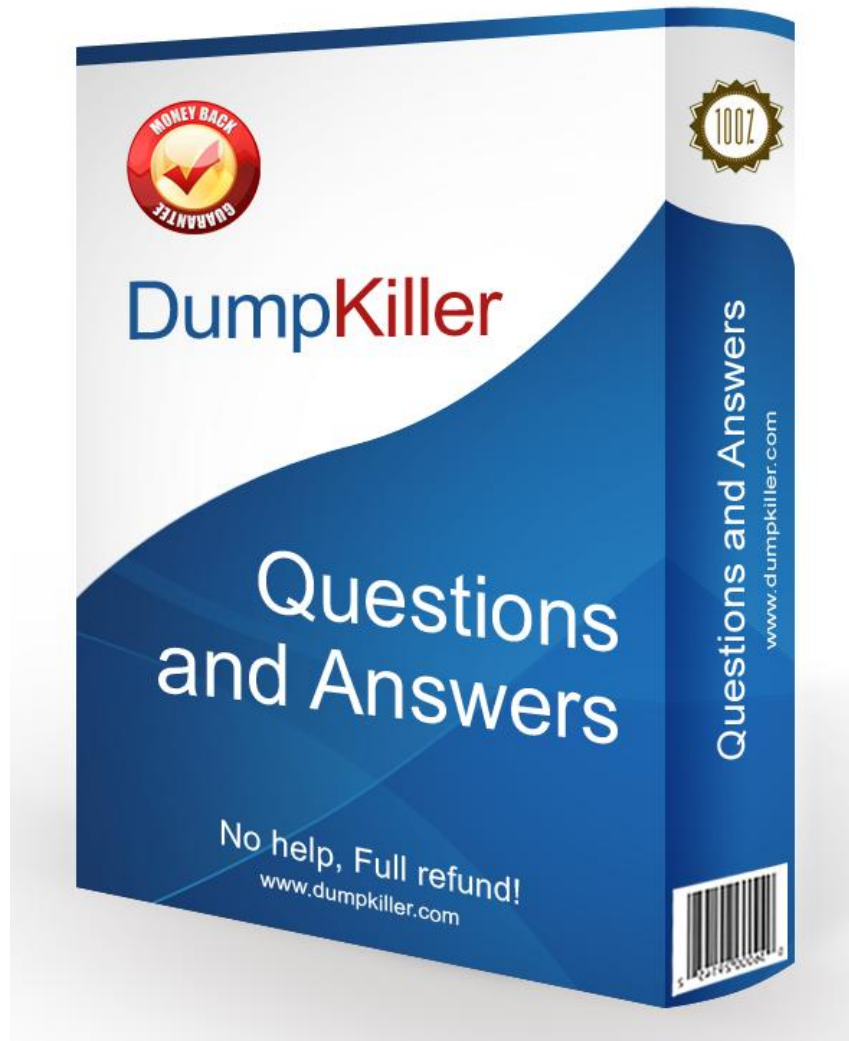


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Exam : **642-998**

Title : Designing Cisco Data Center
Unified Computing

Vendor : Cisco

Version : DEMO

NO.1 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

Answer: B

NO.2 Which STP protocol is the default that is enabled on Cisco Nexus switches?

- A. STP (802.1d)
- B. MST (802.1s)
- C. RSTP (802.1w)
- D. Rapid PVST+

Answer: D

NO.3 What allows for STP to be disabled yet support a loop-free topology even on link or switch failure?

- A. LACP
- B. OTV
- C. vPC
- D. vPC+
- E. FabricPath

Answer: E

NO.4 You are designing a Cisco Unified Fabric data center solution. You must simplify the management of the server resources.

Which product must you include?

- A. Cisco UCS Manager
- B. a Cisco Nexus 1000V Series virtual switch
- C. Cisco Prime Data Center Network Manager
- D. Cisco Prime Infrastructure

Answer: A

NO.5 Which statement about Cisco UCS power cap groups is true?

- A. Servers within a single Cisco UCS chassis can be part of multiple power cap groups.
- B. Multiple Cisco UCS chassis cannot be part of a single power cap group.
- C. Cisco UCS incorporates power cap information in the service profile that is associated with a server.
- D. Cisco UCS power capping technology can provision power based on theoretical server maximums rather than on actual usage.

Answer: C

NO.6 Which technology has the benefit of significant reduction in cabling at the access layer?

- A. FCoE
- B. DCBX
- C. FIP
- D. distributed FCF
- E. 802.1Qbb

Answer: A

NO.7 Which statement about the Overlay Transport Virtualization protocol is true?

- A. It is IP-based functionality that provides Layer 3 extension over any transport.
- B. The data plane exchanges MAC reachability info.
- C. The control plane protocol is IS-IS.
- D. It supports FCoE.

Answer: C

NO.8 Which Cisco technology would you specify to provide your client's data center with context-aware identity validation and Layer 2 port authentication?

- A. Cisco Security Manager
- B. Cisco NAC Profiler
- C. Cisco TrustSec
- D. Cisco Anti-X
- E. Cisco Virtual Security Gateway

Answer: C

NO.9

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	Placement Metrics Summary		
	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 st the "How it works" worksheet for details on how the data is normalized.		
2			
3			
4	Machine Name	Average CPU Utilization (%)	Maximum CPU Utilization (%)
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	0.56	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 Average CPU Utilization?

- A. 100%
- B. 75%
- C. 52%
- D. 109%
- E. 200%

Answer: C

NO.10 Which additional functionality does NetFlow provide?

- A. device configuration management
- B. enhanced network anomaly and security detection
- C. drop anomaly IP
- D. disable Cisco Discovery Protocol per interface

Answer: B

NO.11 Which technology differentiates a data center designed around Cisco equipment versus

another vendor?

- A. NPV
- B. NPIV
- C. VSANs
- D. FCoE

Answer: C

NO.12 Which data center monitoring tool can collect and display per port Layer 2 statistics?

- A. Cisco DCNM
- B. Cisco NAM
- C. Cisco NetFlow
- D. Cisco UCS Manager

Answer: B

NO.13 Which technology provides the least amount of input to the data center solution requirements?

- A. cloud compute
- B. storage
- C. desktop
- D. network

Answer: A

NO.14 Which four components would you select to meet a customer requirement of up to 80 Gb/s Ethernet bandwidth to a Cisco UCS M230 M3 blade server? (Choose four.)

- A. Cisco UCS 5108
- B. Cisco UCS 2204XP
- C. Cisco UCS 6248UP
- D. Cisco UCS 5596UP
- E. Cisco UCS P81E
- F. Cisco UCS 2208XP
- G. Cisco UCS 6110XP
- H. Cisco UCS VIC 1280

Answer: A,C,F,H

NO.15 You plan to use Cisco FEX and Cisco Nexus 7000 Series Switches. Which deployment model is valid?

- A. straight-through connections that use static pinning
- B. active/active fabric extenders that use vPC
- C. straight-through connections that use dynamic pinning
- D. active/active fabric extenders that use straight-through connections

Answer: C