

Questions

Q. No. 1

Question:

_____ allows you to bear increased workload by distributing it across several replicated servers.

Answer Choices

- A: Horizontal Scaling
- B: Vertical Scaling
- C: Parallel Scaling
- D: Forward Scaling

Difficulty Level: Easy

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 2

Question:

A _____ is a way to combine circuit breakers, cables, and outlets in a central place in the data center, from where it is easy to power several racks and equipment

Answer Choices

- A: FDU
- B: PDU
- C: TDU
- D: EDU

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 3

Question:

Which of the following SPEC Benchmark is used to measure the number of tasks that the computer can accomplish within a certain time.

Answer Choices

A: SPECintxxxx

B: SPECfpXXXX

C: SPECpf_rateXXXX

D: SPECfp_rateXXXX

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

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Q. No. 4

Question:

The sum of all point loads on the tile is known as _____ load.

Answer Choices

- A: Dynamic
- B: Point
- C: Static
- D: Fixed

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

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Q. No. 5

Question:

Compilation for _____ benchmarks are flexible and you can use any number of performance or optimization flags during compilation.

Answer Choices

- A: Base
- B: Non Base
- C: Point
- D: Link

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 6

Question:

The _____ is a dedicated facility staffed with people (usually at all hours) who monitor the availability of all devices and services within the data center and respond to any datacenter problems.

Answer Choices

- A: Server room
- B: Client Base
- C: NOC
- D: Power room

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

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Q. No. 7

Question:

Compilation for _____ benchmarks have stricter guidelines for compilation.

Answer Choices

- A: Base
- B: Non Base
- C: Point
- D: Link

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 8

Question:

_____ allows servers to access storage over the network using networking protocols such as Network File System (NFS), Server Message Block (SMB), Common Internet File System (CIFS), Hypertext Transfer Protocol (HTTP), and File Transfer Protocol (FTP).

Answer Choices

- A: SAN
- B: NAS
- C: SAS
- D: PAS

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 9

Question:

_____ is the fraction or percentage at which a particular resource is being used with respect to its maximum

Answer Choices

- A: Latency
- B: Efficiency
- C: Utilization
- D: Throughput

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

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Q. No. 10

Question:

_____ is the capability to change system status through the existing network infrastructure.

Answer Choices

- A: In-band monitoring
- B: Out-of-band monitoring
- C: Horizontal monitoring
- D: Vertical Monitoring

Difficulty Level: Easy

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

Q. No. 11

Question:

A DR site that is 1,200 km away would have a latency of _____ milliseconds to receive data from the primary site assuming that data over fibre cables has a latency of 5 microseconds per kilometer.

Answer Choices

- A: 4
- B: 6
- C: 8
- D: 10

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

Q. No. 12

Question:

In Data Centre ISP Wan Link concept, Network _____ is the path that carries the data and has a certain maximum bandwidth.

Answer Choices

- A: transport
- B: network
- C: transit
- D: data

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 13

Question:

In Data Centre ISP Wan Link concept, the _____ is the actual data.

Answer Choices

- A: transport
- B: network
- C: transit
- D: data

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

Q. No. 14

Question:

_____ the amount of workload that can be done per unit time.

Answer Choices

- A: latency
- B: efficiency
- C: speed
- D: throughput

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

Q. No. 15

Question:

Which of the following is not a SPEC Integer benchmarks

Answer Choices

- A: SPECintxxxx
- B: SPECint_basexxxx
- C: SPECint_ratexxxx
- D: SPECint_rate_basexxxx

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

Q. No. 16

Question:

SNMP version _____ supports advanced security such as encrypted sessions and stronger authorization

Answer Choices

A: 1

B: 2

C: 3

D: ALL OF THE ABOVE

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

Q. No. 17

Question:

1 U is _____ inches.

Answer Choices

- A: 1.15
- B: 1.25
- C: 1.75
- D: 1.5

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

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Q. No. 18

Question:

In SNMP, the _____ string is used for polling.

Answer Choices

- A: private
- B: Public
- C: reserved
- D: all of the above

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 19

Question:

In SNMP, the _____ string is used for setting configurations.

Answer Choices

- A: Private
- B: Public
- C: Reserved
- D: all of the above

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 20

Question:

The _____ SPEC Benchmark specifies the number of conforming, simultaneous SSL encryption/decryption connections the Web server can support using a predefined workload.

Answer Choices

- A: SPECintxxxx
- B: SPECfpxxxx
- C: SPECfp_ratexxxx

D: SPECweb00_SSL

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

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Q. No. 21

Question:

_____ is a set of storage-switching devices that connect a set of servers to a shared storage pool.

Answer Choices

A: SAN

B: NAS

C: SAS

D: PAS

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 22

Question:

TPC stands for _____

Answer Choices

- A: Transaction Processing Center
- B: Transaction Processing Control
- C: Transaction Processing Committee
- D: Transaction Processing Council

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

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Q. No. 23

Question:

SPEC stands for:

Answer Choices

- A: Standard Performance Evaluation Consortium
- B: Standard Performance Evaluation Corporation
- C: Special Performance Evaluation Consortium
- D: Standard Peak Evaluation Corporation

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

Q. No. 24

Question:

In SNMP, _____ fetches an OID value from the resource

Answer Choices

- A: SET
- B: GET
- C: POLL
- D: FETCH

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

Q. No. 25

Question:

_____ are set of programs that performs work or operations on a system and returns back the capability of the tested configuration.

Answer Choices

- A: Benchmarks
- B: Baseline

C: Framework

D: Standard

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 26

Question:

The _____ SPEC Benchmark consists of SSL and non-SSL workload such as e-commerce and banking.

Answer Choices

A: SPECweb99

B: SPECweb99_SSL

C: SPECweb99_HTTPS

D: SPECweb2004

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

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Q. No. 27

Question:

Which of the following is not part of a Point of Distribution (POD) rack.

Answer Choices

- A: Cross-patch ports
- B: Network terminal servers
- C: Network subswitches
- D: UPS

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

Q. No. 28

Question:

_____ is defined as the process of bringing together disconnected parts to make a single and complete whole.

Answer Choices

- A: Segregation
- B: Consolidation
- C: Segmentation
- D: Calibration

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: (B)

Q. No. 29

Question:

In SNMP, _____ is a collection of hierarchically organized OIDs.

Answer Choices

- A: SMB
- B: MID
- C: MIB
- D: SMTP

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

Q. No. 30

Question:

The main two types of server consolidation are _____ and
_____.

Answer Choices

- A: Horizontal Scaling and Parallel Scaling
- B: Parallel Scaling and Vertical Scaling
- C: Horizontal Scaling and Vertical Scaling
- D: Parallel Scaling and Forward Scaling

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: (C)

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Q. No. 31

Question:

In SNMP, the _____watches for an event, and if it occurs, performs some action

Answer Choices

- A: Watch
- B: alert
- C: trigger
- D: trap

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

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Q. No. 32

Question:

_____specifies how you can reduce the server count by running multiple applications on fewer but well-beefed-up servers.

Answer Choices

- A: Horizontal Scaling
- B: Vertical Scaling
- C: Parallel Scaling
- D: Forward Scaling

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 33

Question:

An outlet for small rack-mounted devices would be 15 amps, 120 volts, and require _____ watts.

Answer Choices

- A: 180
- B: 18000
- C: 1800
- D: 18

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: (C)

Q. No. 34

Question:

_____ is external SRAM and sits between the CPU and DRAM.

Answer Choices

- A: L1 Cache
- B: L2 Cache
- C: L3 Cache
- D: L4 Cache

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

Q. No. 35

Question:

In the SPEC Benchmark, non-base options are also known as _____ metrics.

Answer Choices

- A: peak
- B: apex
- C: top
- D: lean

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 36

Question:

An IBM p690 server weighing 2,600 pounds has a point load of ____ pounds on each of its feet.

Answer Choices

A: 450

B: 550

C: 650

D: 750

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

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Q. No. 37

Question:

_____ is the amount of time that a user must wait for response from the system

Answer Choices

A: Latency

B: Efficiency

- C: Speed
- D: Throughput

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 38

Question:

_____ is rapid discharge of static electricity between two objects that are at different electric potential.

Answer Choices

- A: ESD
- B: ESP
- C: WATT
- D: VOLT

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 39

Question:

_____ is number of ports per U of rack height.

Answer Choices

- A: Rack density
- B: port Density
- C: Unit Density
- D: equipment Density

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 40

Question:

NFSops/sec, transactions per minute (tpm), disk data transfer rate of megabytes per second (MBps), and network transfer rate of megabits per second (mbps) are all examples of _____

Answer Choices

- A: Latency
- B: Efficiency
- C: Speed
- D: Throughput

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

Q. No. 41

Question:

_____ is the amount of moisture in the air at a given temperature in relation to the maximum amount that the air can hold at that temperature.

Answer Choices

- A: AH
- B: RH
- C: CH
- D: QH

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

Q. No. 42

Question:

The C in CINTxxxx and CFPxxxx stands for _____.

Answer Choices

- A: Composite
- B: Component
- C: Client
- D: Cumulative

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 43

Question:

Which of the following is not a SPEC floating point benchmarks

Answer Choices

- A: SPECfpXXXX
- B: SPECfp_baseXXXX
- C: SPECfp_rateXXXX
- D: SPECfp_base_rateXXXX

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: D

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Q. No. 44

Question:

SNMP runs over _____.

Answer Choices

- A: TCP
- B: UDP

C: ICMP

D: ARP

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 45

Question:

In SNMP, the _____ command configures a value

Answer Choices

A: GET

B: SET

C: POLL

D: ASSIGN

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 46

Question:

SPEC provides the test suite as _____

Answer Choices

- A: Library files
- B: Compiled binary
- C: Source code
- D: All of the above

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: C

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Q. No. 47

Question:

The _____ is also known as a portmaster.

Answer Choices

- A: Terminal Server
- B: Network Manager Server
- C: Network Monitor Server
- D: SNMP Server

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: A

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Q. No. 48

Question:

SNMP runs over port number _____.

Answer Choices

- A: 160
- B: 161
- C: 162
- D: 163

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 49

Question:

_____ is the capability to control systems not through existing network infrastructure but via a different data network or via a dial-in capability for individual devices.

Answer Choices

- A: In-band monitoring
- B: Out-of-band monitoring
- C: Horizontal monitoring
- D: Vertical Monitoring

Difficulty Level: Difficult

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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Q. No. 50

Question:

A 10-Mbits/s network link delivering data at 2 Mbits/sec has a utilization of _____ percent.

Answer Choices

- A: 10
- B: 20
- C: 30
- D: 40

Difficulty Level: Intermediate

Reference: Administering Data Centers: Servers, Storage and Voice over IP by Kailash Jayaswal

Answer: B

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