QUESTION 62
Which of the following documents would be useful when trying to restore IT infrastructure operations after a non-planned interruption?

A. Service-level agreement
B. Disaster recovery plan
C. Business impact analysis
D. Business continuity plan

Answer: C

QUESTION 63
A systems administrator is setting up a new server that will be used as a DHCP server. The administrator installs the OS but is then unable to log on using Active Directory credentials. The administrator logs on using the local administrator account and verifies the server has the correct IP address, subnet mask, and default gateway. The administrator then gets on another server and can ping the new server. Which of the following is causing the issue?

A. Port 443 is not open on the firewall
B. The server is experiencing a downstream failure
C. The local hosts file is blank
D. The server is not joined to the domain

Answer: D

QUESTION 64
A systems administrator is preparing to install two servers in a single rack. The administrator is concerned that having both servers in one rack will increase the chance of power issues due to the increased load. Which of the following should the administrator implement FIRST to address the issue?

A. Separate circuits
B. An uninterruptible power supply
C. Increased PDU capacity
D. Redundant power supplies

Answer: C

QUESTION 65
Which of the following is a method that is used to prevent motor vehicles from getting too close to building entrances and exits?

A. Bollards

B. Reflective glass
C. Security guards
D. Security cameras

Answer: A
Explanation:
https://en.wikipedia.org/wiki/Bollard

QUESTION 66
A technician is installing a variety of servers in a rack. Which of the following is the BEST course of action for the technician to take while loading the rack?

A. Alternate the direction of the airflow
B. Install the heaviest server at the bottom of the rack
C. Place a UPS at the top of the rack
D. Leave 1U of space between each server

Answer: A

QUESTION 67
A technician is configuring a server that requires secure remote access. Which of the following ports should the technician use?

A. 21
B. 22
C. 23
D. 443

Answer: D
Explanation:
https://docs.microsoft.com/en-us/windows-server/remote/remote-access/ras/manage-remote-clients/install/ step-1-configure-the-remote-access-infrastructure

QUESTION 68
A server administrator is using remote access to update a server. The administrator notices numerous error messages when using YUM to update the applications on a server. Which of the following should the administrator check FIRST?

A. Network connectivity on the server
B. LVM status on the server
C. Disk space in the /var directory
D. YUM dependencies

Answer: D
Explanation:
https://access.redhat.com/documentation/en-us/red_hat_enterprise_linux/7/html/system_administrators_guide/ ch-yum

QUESTION 69
Which of the following is an example of load balancing?

A. Round robin
B. Active-active
C. Active-passive
D. Failover

Answer: A

Explanation:
https://simplicable.com/new/load-balancing

QUESTION 70
A server technician is procuring and installing a single-phase rack PDU that will meet the following requirements:
- Maximum line current per phase: 30A
- Rate current per phase: 24A
- Maximum current draw: 6 x 16A
- Nominal voltage: 208V
Based on these requirements, which of the following can be implied regarding load capacity?

A. Purchase a PDU with a minimum load capacity of 2kVA.
B. Purchase a PDU with a minimum load capacity of 3kVA.
C. Purchase a PDU with a minimum load capacity of 4kVA.
D. Purchase a PDU with a minimum load capacity of 5kVA.

Answer: D

QUESTION 71
A server technician is installing a new server and configuring the newly installed OS. Which of the following steps should be performed FIRST after booting the OS?

A. Create a backup.
B. Address security concerns.
C. Connect to the network.
D. Join to the domain.

Answer: B

QUESTION 72
A server administrator needs to validate the integrity of all system files. Which of the following methods should the administrator use?

A. Run a hash program to generate a checksum for all files on the system and compare it to an original report.
B. Run an encryption program to generate a checksum for all files on the system and compare it to an original report.
C. Run an antivirus program to generate a checksum for all files on the system and compare it to an original report.
D. Run a sniffer program to generate a checksum for all files on the system and compare it to an original report.

Answer: A

QUESTION 73
A vendor has released an update pack for the virtualization servers used by a company. The systems administrator has been directed to deploy the update pack following proper change management procedures. Which of the following BEST reflects the order of actions the administrator should follow?

A. Install the update pack on the test virtualization cluster.
   Notify the client to conduct testing.
   Install the update pack on the production virtual cluster.
   Confirm proper operation of the production servers.
B. Notify the client to conduct testing.
   Install the update pack on the test virtualization cluster.
   Confirm proper operation of the production servers.

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Install the update pack on the production virtual cluster.
C. Confirm proper operation of the production servers.
    Deploy the update pack on the test virtualization cluster.
    Install the update pack on the production virtual cluster.
    Notify the client to conduct testing.
D. Install the update pack on the test virtualization cluster.
    Confirm proper operation of the production servers.
    Install the update pack on the production virtual cluster.
    Notify the client to conduct testing.

Answer: A

QUESTION 74
When grid power goes out, all servers in a rack lose power immediately. The server administrator confirms the servers have dual power supplies, which are connected to separate PDUs. Each of the PDUs is connected to a different UPS. Which of the following is the MOST likely cause of the problem?

A. Both of the UPS devices were set for the wrong voltage.
B. The power circuit was tripped on both PDUs.
C. The server power supplies failed during the outage.
D. The UPS batteries were discharged.

Answer: B

QUESTION 75
A server administrator has run the netstat 瑗no command locally on a system. Upon inspection, the administrator notices a listener for port 123 is set up on the server. Which of the following can the administrator conclude about the server role running on the system?

A. The dynamic host configuration protocol and role are configured on the server.
B. The remote desktop protocol and role are configured on the server.
C. The distribution network service provider and role are configured on the server.
D. The network time protocol and role are configured on the server.

Answer: D

QUESTION 76
A server is performing slowly, and users are reporting issues connecting to the application on that server. Upon investigation, the server administrator notices several unauthorized services running on that server that are successfully communicating to an external site. Which of the following are MOST likely causing the issue? (Choose two.)

A. Adware is installed on the users' devices
B. The firewall rule for the server is misconfigured
C. The server is infected with a virus
D. Intrusion detection is enabled on the network
E. Unnecessary services are disabled on the server
F. SELinux is enabled on the server

Answer: AC

QUESTION 77
A server technician is configuring the IP address on a newly installed server. The documented configuration specifies using an IP address of 10.20.10.15 and a default gateway of 10.20.10.254. Which of the following subnet masks would be appropriate for this setup?

A. 255.255.255.0
B. 255.255.255.128
C. 255.255.255.240
D. 255.255.255.254

Answer: D
Explanation:
https://www.calculator.net/ip-subnet-
calculator.html?cclass=any&csubnet=30&cip=10.20.10.15&ctype=ipv4&printit=0&x=57&y=17

QUESTION 78
A storage administrator is investigating an issue with a failed hard drive. A technician replaced the drive in the storage array; however, there is still an issue with the logical volume. Which of the following best describes the NEXT step that should be completed to restore the volume?

A. Initialize the volume
B. Format the volume
C. Replace the volume
D. Rebuild the volume

Answer: D

QUESTION 79
A large number of connections to port 80 is discovered while reviewing the log files on a server. The server is not functioning as a web server. Which of the following represent the BEST immediate actions to prevent unauthorized server access? (Choose two.)

A. Audit all group privileges and permissions
B. Run a checksum tool against all the files on the server
C. Stop all unneeded services and block the ports on the firewall
D. Initialize a port scan on the server to identify open ports
E. Enable port forwarding on port 80
F. Install a NIDS on the server to prevent network intrusions

Answer: AD

QUESTION 80
A company is running an application on a file server. A security scan reports the application has a known vulnerability. Which of the following would be the company's BEST course of action?

A. Upgrade the application package
B. Tighten the rules on the firewall
C. Install antivirus software
D. Patch the server OS

Answer: D
Explanation:
https://www.sciencedirect.com/topics/computer-science/vulnerability-scanner

QUESTION 81
A technician runs `top` on a dual-core server and notes the following conditions:
`top -- 14:32:27, 364 days, 14 users  load average 60.5 12.4 13.6`
Which of the following actions should the administrator take?

A. Schedule a mandatory reboot of the server

B. Wait for the load average to come back down on its own
C. Identify the runaway process or processes
D. Request that users log off the server

Answer: D
Explanation:
https://www.tecmint.com/understand-linux-load-averages-and-monitor-performance/

QUESTION 82
A technician needs to set up a server backup method for some systems. The company's management team wants to have quick restores but minimize the amount of backup media required. Which of the following are the BEST backup methods to use to support the management's priorities? (Choose two.)

A. Differential
B. Synthetic full
C. Archive
D. Full
E. Incremental
F. Open file

Answer: AB