- **Vendor: CompTIA**
- **Exam Code: SY0-601**
- **Exam Name: Microsoft Azure Architect Technologies**
- **New Updated Questions from Braindump2go (Updated in Nov./2020)**

Exam A

QUESTION 1
SIMULATION

A company recently added a DR site and is redesigning the network. Users at the DR site are having issues browsing websites.

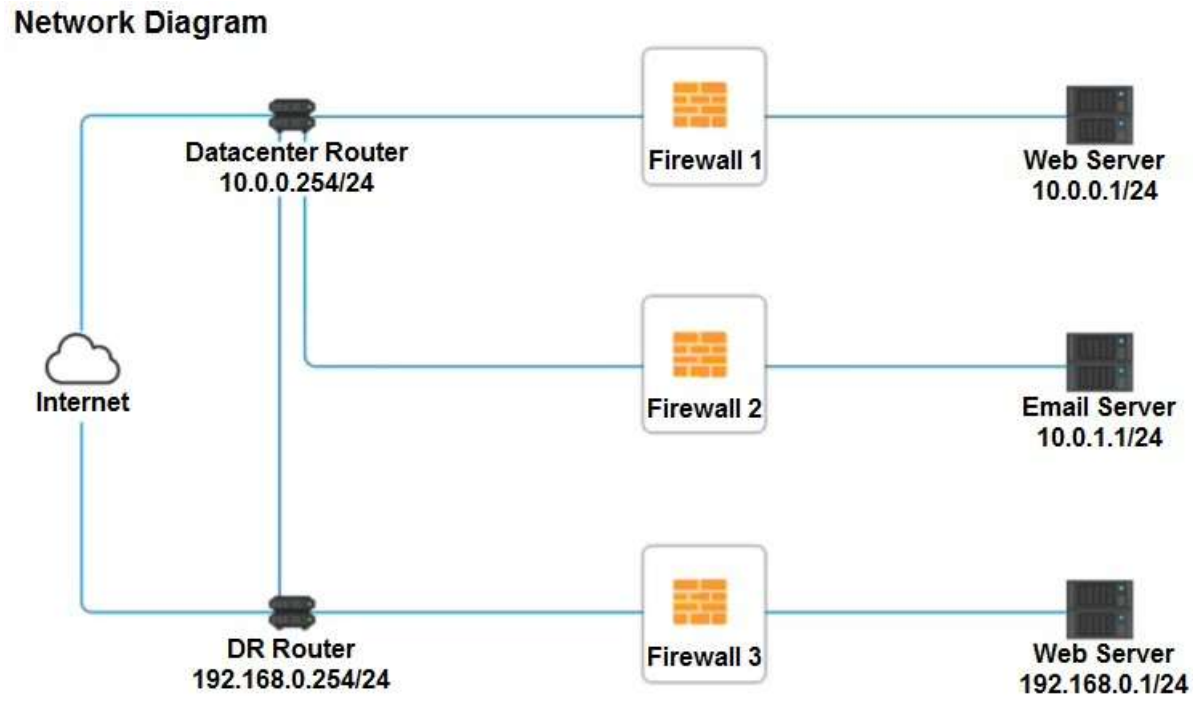
INSTRUCTIONS

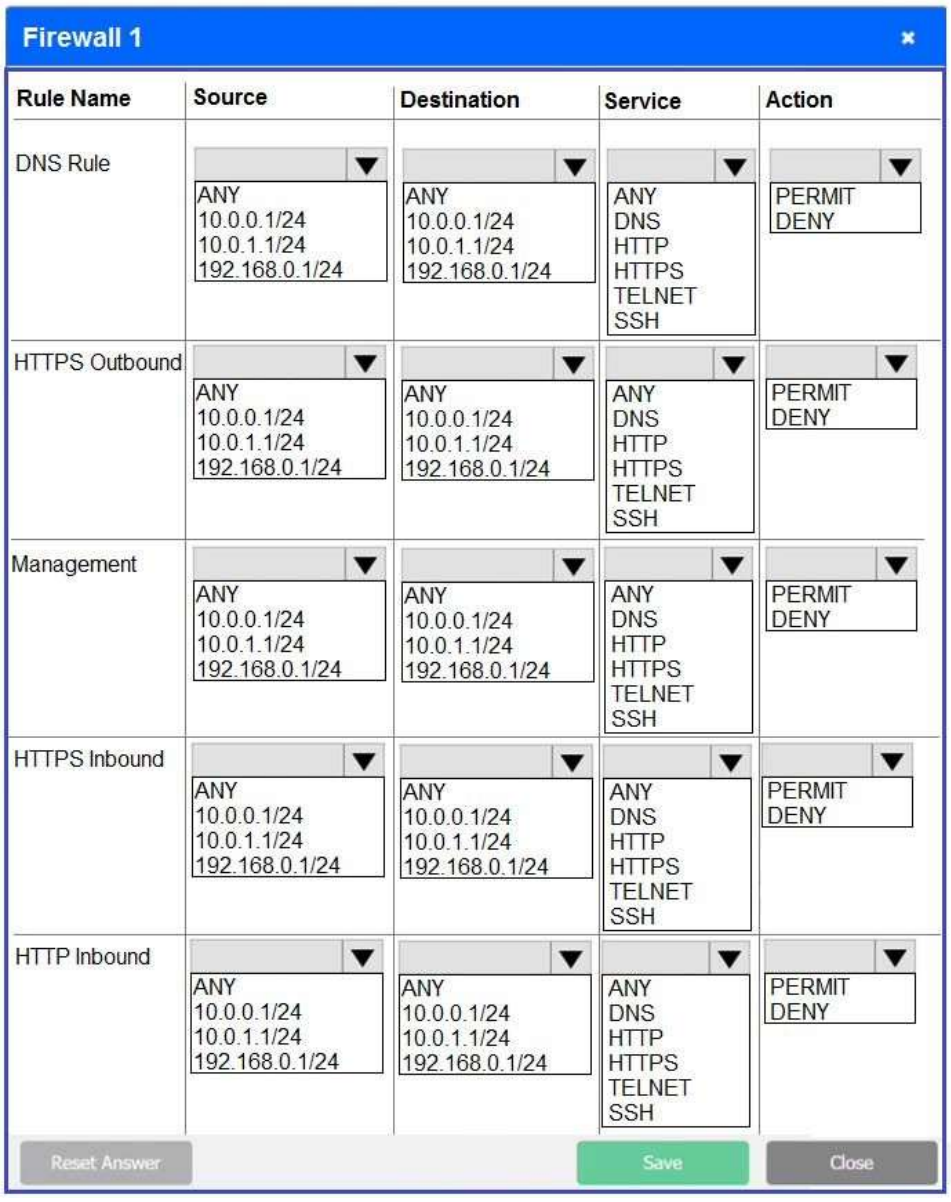
Click on each firewall to do the following:

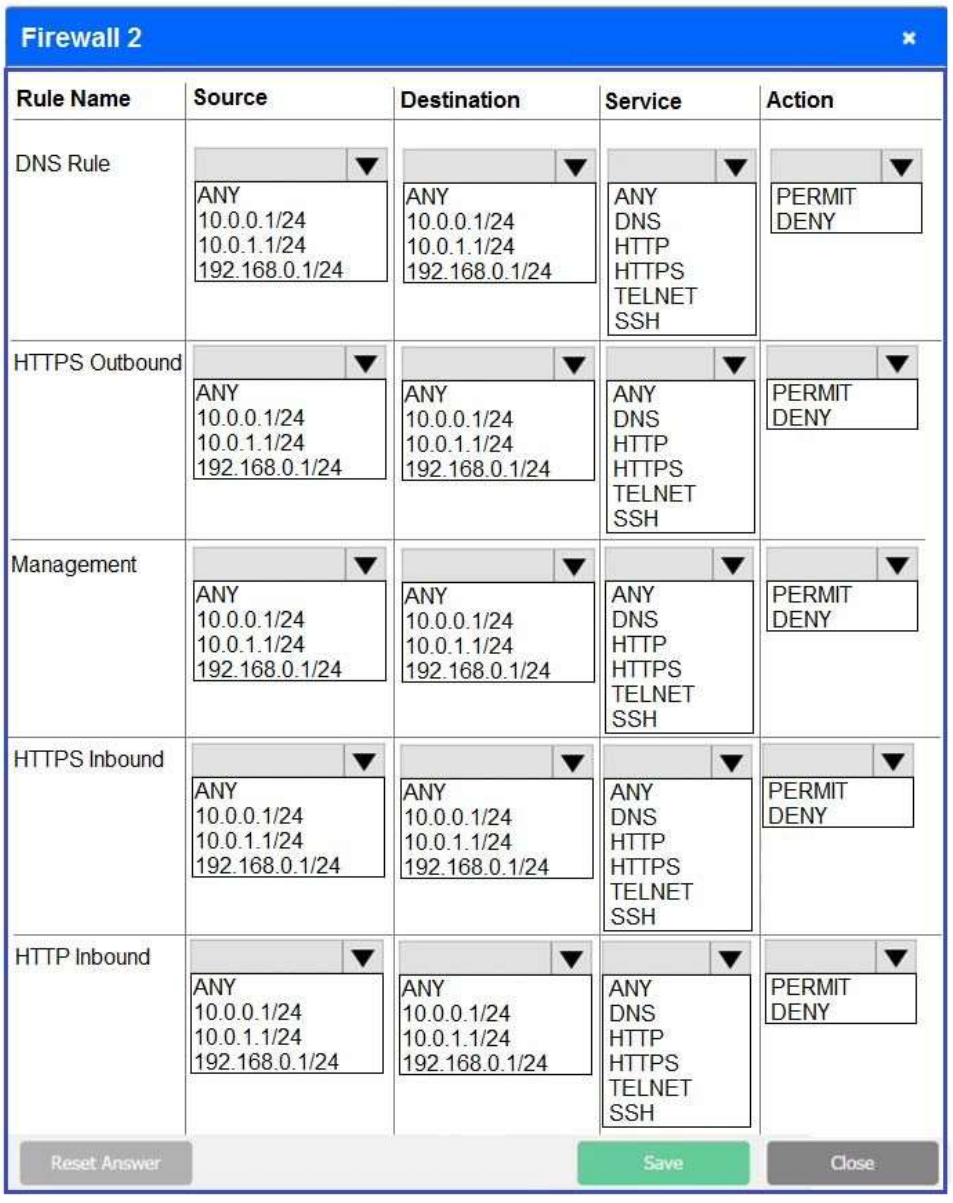
1. Deny cleartext web traffic.
2. Ensure secure management protocols are used.
3. Resolve issues at the DR site.

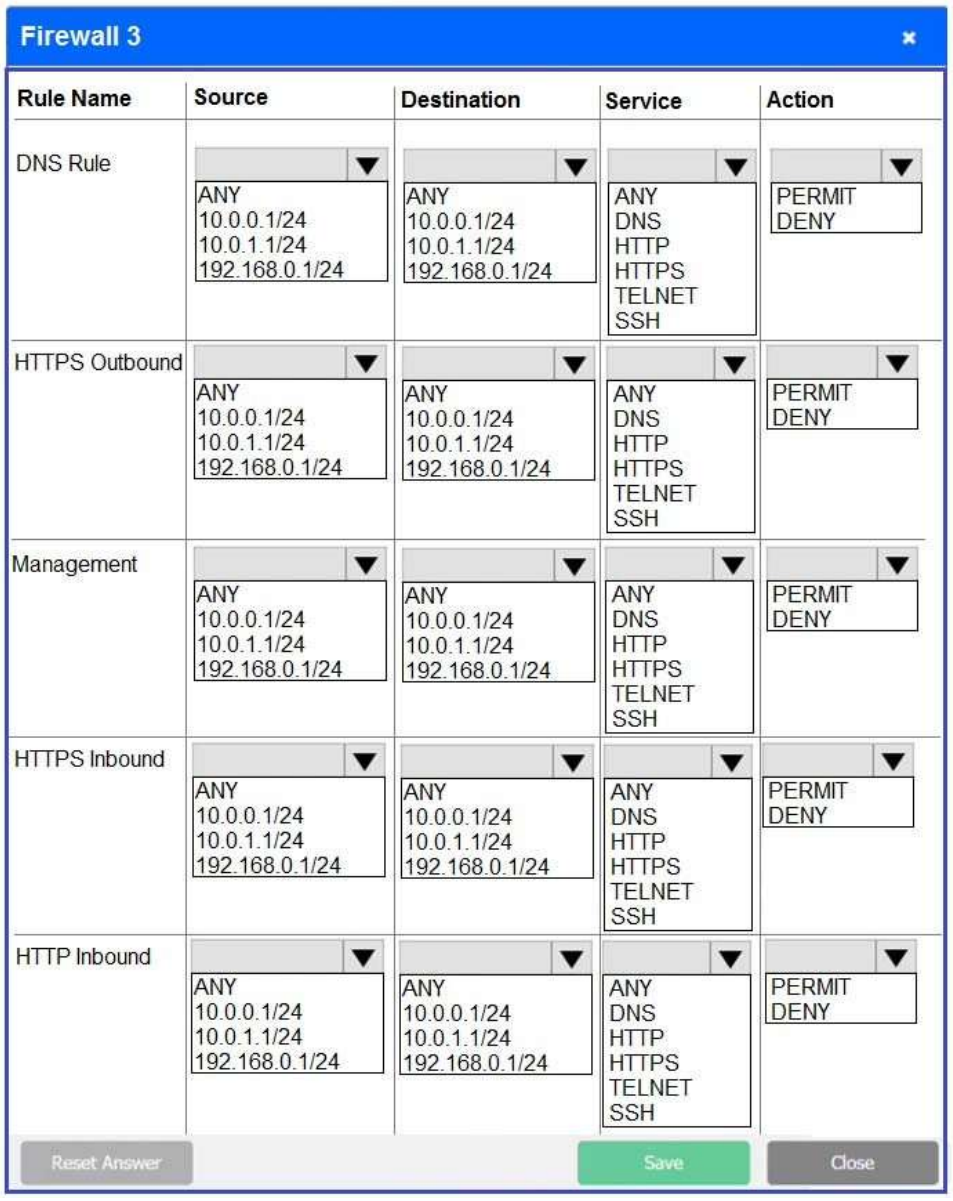
The ruleset order cannot be modified due to outside constraints.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.




Firewall 1
Rule Name
Source
Destination
Service
Action
DNS Rule
HTTPS Outbound
Management
HTTPS Inbound
HTTP Inbound
ANY
10.0.0.1/24
10.0.1.1/24
192.168.0.1/24
ANY
DNS
HTTP
HTTPS
TELNET
SSH
PERMIT
DENY
Reset Answer
Save
Close


Firewall 2
Rule Name
Source
Destination
Service
Action
DNS Rule
HTTPS Outbound
Management
HTTPS Inbound
HTTP Inbound
ANY
10.0.0.1/24
10.0.1.1/24
192.168.0.1/24
ANY
DNS
HTTP
HTTPS
TELNET
SSH
PERMIT
DENY
Reset Answer
Save
Close



Correct Answer: See explanation below.

QUESTION 2
DRAG DROP

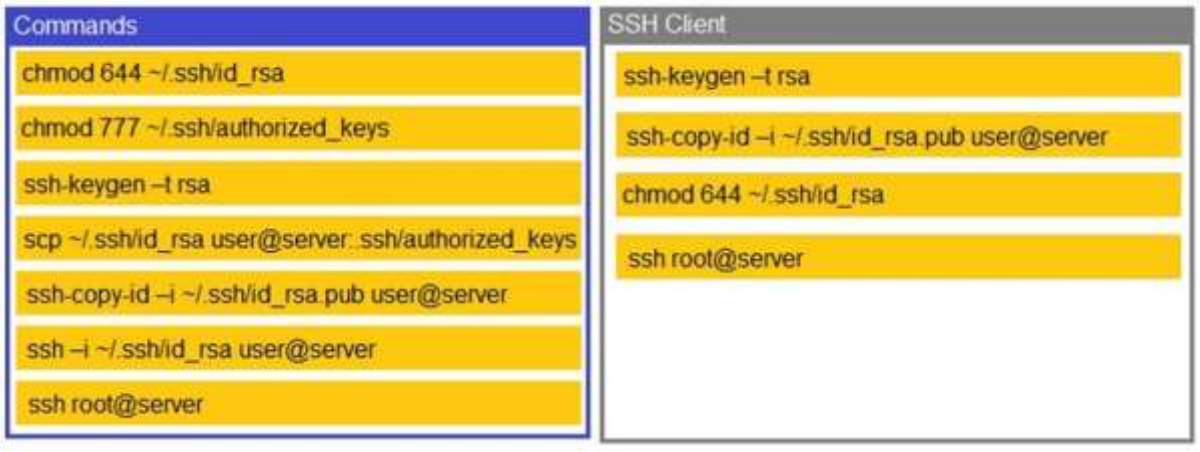
A security engineer is setting up passwordless authentication for the first time. INSTRUCTIONS

Use the minimum set of commands to set this up and verify that it works. Commands cannot be reused.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

Select and Place:

Correct Answer:



QUESTION 3
HOTSPOT

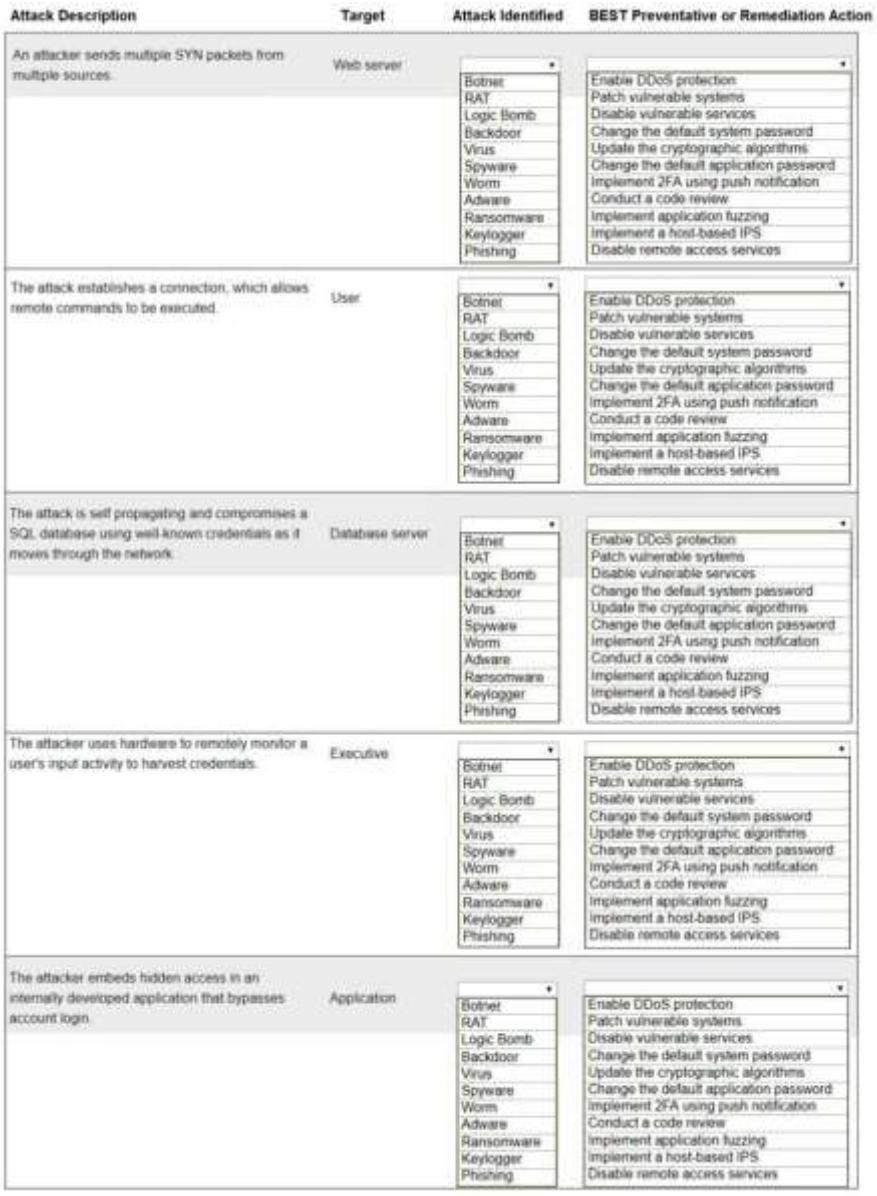
Select the appropriate attack and remediation from each drop-down list to label the corresponding attack with its remediation.

INSTRUCTIONS

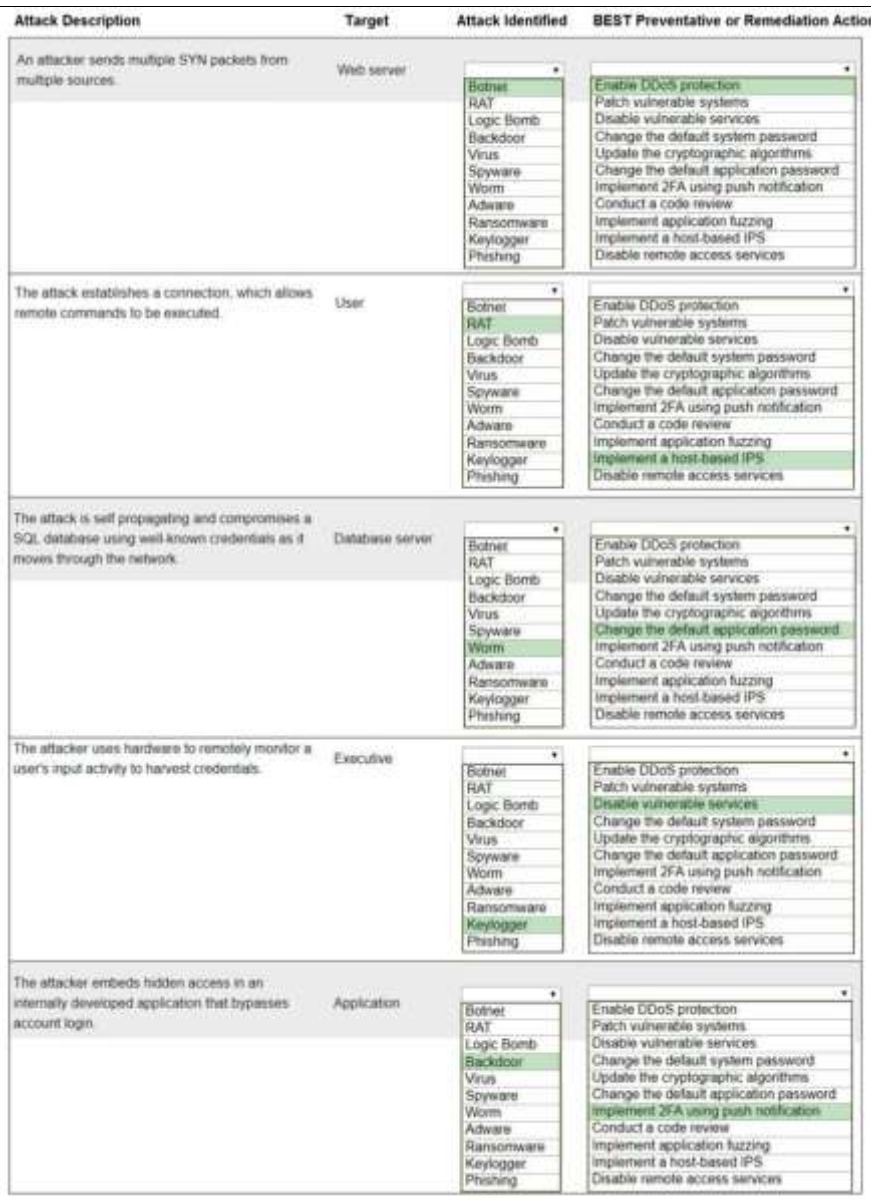
Not all attacks and remediation actions will be used.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.

Hot Area:



Correct Answer:



QUESTION 4
Which of the following will MOST likely adversely impact the operations of unpatched traditional programmable-logic controllers, running a back-end LAMP server and OT systems with human- management interfaces that are accessible over the Internet via a web interface? (Choose two.)

A. Cross-site scripting
B. Data exfiltration
C. Poor system logging
D. Weak encryption
E. SQL injection
F. Server-side request forgery

Correct Answer: DF

QUESTION 5
A company recently transitioned to a strictly BYOD culture due to the cost of replacing lost or damaged corporate-owned mobile devices. Which of the following technologies would be BEST to balance the BYOD culture while also protecting the company's data?

A. Containerization
B. Geofencing
C. Full-disk encryption
D. Remote wipe

Correct Answer: C

QUESTION 6
A Chief Security Office's (CSO's) key priorities are to improve preparation, response, and recovery practices to minimize system downtime and enhance organizational resilience to ransomware attacks. Which of the following would BEST meet the CSO's objectives?

A. Use email-filtering software and centralized account management, patch high-risk systems, and restrict administration privileges on fileshares.
B. Purchase cyber insurance from a reputable provider to reduce expenses during an incident.
C. Invest in end-user awareness training to change the long-term culture and behavior of staff and executives, reducing the organization's susceptibility to phishing attacks.
D. Implement application whitelisting and centralized event-log management, and perform regular testing and validation of full backups.

Correct Answer: D

QUESTION 7
A network engineer has been asked to investigate why several wireless barcode scanners and wireless computers in a warehouse have intermittent connectivity to the shipping server. The barcode scanners and computers are all on forklift trucks and move around the warehouse during their regular use. Which of the following should the engineer do to determine the issue? (Choose two.)

A. Perform a site survey
B. Deploy an FTK Imager
C. Create a heat map

D. Scan for rogue access points
E. Upgrade the security protocols
F. Install a captive portal

Correct Answer: AC

QUESTION 8
A security administrator suspects an employee has been emailing proprietary information to a competitor. Company policy requires the administrator to capture an exact copy of the employee's hard disk. Which of the following should the administrator use?

A. `dd`
B. `chmod`
C. `dnsenum`
D. `logger`

Correct Answer: A

QUESTION 9
Which of the following is MOST likely to outline the roles and responsibilities of data controllers and data processors?

A. SSAE SOC 2
B. PCI DSS
C. GDPR
D. ISO 31000

Correct Answer: C

QUESTION 10
Phishing and spear-phishing attacks have been occurring more frequently against a company's staff. Which of the following would MOST likely help mitigate this issue?

A. DNSSEC and DMARC
B. DNS query logging
C. Exact mail exchanger records in the DNS
D. The addition of DNS conditional forwarders

Correct Answer: C

QUESTION 11
On which of the following is the live acquisition of data for forensic analysis MOST dependent? (Choose two.)

A. Data accessibility
B. Legal hold
C. Cryptographic or hash algorithm
D. Data retention legislation
E. Value and volatility of data
F. Right-to-audit clauses

Correct Answer: EF

QUESTION 12
Which of the following incident response steps involves actions to protect critical systems while maintaining business operations?

A. Investigation
B. Containment
C. Recovery
D. Lessons learned

Correct Answer: B

QUESTION 13
A security auditor is reviewing vulnerability scan data provided by an internal security team. Which of the following BEST indicates that valid credentials were used?

A. The scan results show open ports, protocols, and services exposed on the target host
B. The scan enumerated software versions of installed programs
C. The scan produced a list of vulnerabilities on the target host
D. The scan identified expired SSL certificates

Correct Answer: B