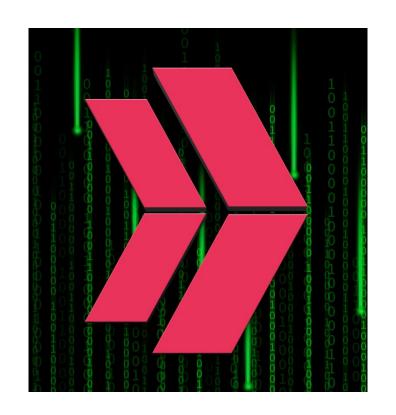# CLARUSWAY

WAY TO REINVENT YOURSELF
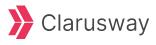
CompTIA (6A-6B) Secure Cloud Network Architecture

AGENDA

▶ **6A - Security Concepts (17)**

▶ **6B - Security Controls (2)**

▶ **TOTAL: 19**

6A - Cloud Infrastructure

NO.1 A systems administrator is looking for a low-cost application-hosting solution that is cloudbased.
Which of the following meets these requirements?

A. Serverless framework
B. Type 1 hvpervisor
C. SD-WAN
D. SDN

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NO.2 An organization is struggling with scaling issues on its VPN concentrator and internet circuit due to remote work. The organization is looking for a software solution that will allow it to reduce traffic on the VPN and internet circuit, while still providing encrypted tunnel access to the data center and monitoring of remote employee internet traffic.
Which of the following will help achieve these objectives?

A. Deploying a SASE solution to remote employees
B. Building a load-balanced VPN solution with redundant internet
C. Purchasing a low-cost SD-WAN solution for VPN traffic
D. Using a cloud provider to create additional VPN concentrators

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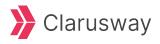Which of the following will help achieve these objectives?

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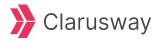**NO.3** Which of the following would be best suited for constantly changing environments?

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B. Containers
C. Embedded systems
D. SCADA

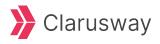**NO.3** Which of the following would be best suited for constantly changing environments?

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B. Third-party vendor
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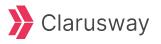D. DBA

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Which of the following would best mitigate this vulnerability quickly?

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NO.7 Which of the following should a systems administrator use to ensure an easy deployment of resources within the cloud provider?

A. Software as a service
B. Infrastructure as code
C. Internet of Things
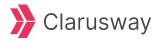D. Software-defined networking

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A. VDI
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NO.12 While considering the organization's cloud-adoption strategy, the Chief Information Security Officer sets a goal to outsource patching of firmware, operating systems, and applications to the chosen cloud vendor.

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A. Community cloud

B. PaaS

C. Containerization

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B. Network segmentation

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Which of the following technologies should the company Implement?

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B. Virtual private cloud endpoint

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NO.16 A financial institution would like to store its customer data in the cloud but still allow the data to be accessed and manipulated while encrypted. Doing so would prevent the cloud service provider from being able to decipher the data due to its sensitivity. The financial institution Is not concerned about computational overheads and slow speeds.

Which of the following cryptographic techniques would best meet the requirement?
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6B - Embedded Systems and Zero Trust Architecture

NO.1 A systems administrator is working on a solution with the following requirements:
- Provide a secure zone.
- Enforce a company-wide access control policy.
- Reduce the scope of threats.
Which of the following is the systems administrator setting up?

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B. AAA
C. Non-repudiation
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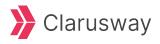- Reduce the scope of threats.
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NO.2 An analyst is evaluating the implementation of Zero Trust principles within the data plane.

Which of the following would be most relevant for the analyst to evaluate?

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B. Subject role

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THANKS!

Any questions?

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