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IBM DataPower Gateway V7.6 Solution Implementation

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Question: 1

Which of the following is a feature of the Multi-Protocol Gateway (MPGW) in IBM DataPower Gateway V7.6?

- A. Load balancing
- B. XML firewall
- C. SSL offloading
- D. Message queuing

Answer: A

Explanation: The Multi-Protocol Gateway (MPGW) in IBM DataPower Gateway V7.6 provides load balancing functionality to distribute incoming traffic across multiple backend servers.

Question: 2

Which of the following is a security feature provided by IBM DataPower Gateway V7.6?

- A. Intrusion detection system
- B. Network address translation
- C. Denial-of-Service (DoS) protection
- D. Virtual private network

Answer: C

Explanation: IBM DataPower Gateway V7.6 offers Denial-of-Service (DoS) protection as a security feature, helping to safeguard the gateway against malicious attacks that aim to disrupt its normal operation.

Question: 3

Which of the following is a valid deployment topology for IBM DataPower Gateway V7.6?

- A. Standalone deployment
- B. Peer-to-peer deployment
- C. Master-slave deployment
- D. Cluster deployment

Answer: D

Explanation: A cluster deployment is a valid topology for IBM DataPower Gateway V7.6, where multiple DataPower appliances work together to provide high availability and scalability.

Question: 4

Which authentication method is supported by IBM DataPower Gateway V7.6 when using OAuth?

- A. SAML
- B. OpenID Connect
- C. X.509 certificates
- D. OAuth does not require authentication

Answer: B

Explanation: When using OAuth with IBM DataPower Gateway V7.6, the supported authentication method is OpenID Connect, which provides an identity layer on top of OAuth 2.0.

Question: 5

Which of the following is a supported integration option for IBM DataPower Gateway V7.6 with backend systems?

- A. RESTful APIs
- B. Message queues

- C. SOAP web services
- D. File transfer protocols

Answer: C

Explanation: IBM DataPower Gateway V7.6 supports integration with backend systems through SOAP web services, allowing for seamless communication between the gateway and other applications.

Question: 6

Which of the following is a supported protocol when FIPS 140-2 Level 1 is enabled?

- A. SSH
- B. LDAP
- C. SNMP
- D. FTP

Answer: B

Explanation: When FIPS 140-2 Level 1 is enabled, the IBM DataPower Gateway supports the Lightweight Directory Access Protocol (LDAP) for secure authentication and authorization.

Question: 7

Which of the following is a valid use case for the XML Firewall in IBM DataPower Gateway V7.6?

- A. Load balancing traffic
- B. Data transformation
- C. Message routing
- D. XML encryption

Answer: D

Explanation: The XML Firewall in IBM DataPower Gateway V7.6 can be used for XML encryption, ensuring the confidentiality and integrity of sensitive data exchanged between systems.

Question: 8

Which of the following is a supported authentication mechanism for IBM DataPower Gateway V7.6?

- A. OAuth 2.0
- B. Digest access authentication
- C. LDAPv3
- D. Secure Shell (SSH)

Answer: B

Explanation: IBM DataPower Gateway V7.6 supports Digest access authentication as an authentication mechanism, providing a secure way to authenticate users accessing the gateway.

Question: 9

Which of the following is a supported protocol for configuring high availability in IBM DataPower Gateway V7.6?

- A. VRRP
- B. ICMP
- C. ARP
- D. OSPF

Answer: A

Explanation: The Virtual Router Redundancy Protocol (VRRP) is a supported

protocol for configuring high availability in IBM DataPower Gateway V7.6, allowing multiple gateways to act as a single virtual gateway.



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