F5.402.v2026-10-29.q44

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NEW QUESTION: 1
What is a common use case for deploying BIG-IP VE in a cloud "hub" VPC/VNet? Choose one:
A. To replace the cloud provider's billing system
B. To act as the only DNS root server
C. To store application source code
D. To provide centralized inspection and security services for spoke networks
Answer: (SHOW ANSWER)

NEW QUESTION: 2
Which sizing factor most directly determines the required BIG-IP VE license tier in a cloud deployment? Choose one:
A. Throughput and required modules
B. Color of the management portal theme
C. Number of DNS zones hosted externally
D. Number of administrators
Answer: (SHOW ANSWER)

NEW QUESTION: 3
Which of the following support services are commonly offered by F5 for cloud deployments? (Select all that apply)
Choose:
A. 24/7 technical support
B. Cloud cost optimization consultation
C. Access to F5's online knowledge base
D. On-site hardware maintenance
Answer: (SHOW ANSWER)

NEW QUESTION: 4
In the context of architecting solutions using F5 products in various cloud environments, what is a critical variable to evaluate?
Choose one:
A. Data center security protocols
B. Geographic data redundancy
C. Cloud provider billing model
D. Server cooling capacity
Answer: (SHOW ANSWER)

NEW QUESTION: 5
Which of the following is NOT a common cloud service model? Choose one:
A. Platform as a Service (PaaS)
B. Software as a Service (SaaS)
C. Product as a Service (PraaS)
D. Infrastructure as a Service (IaaS)
Answer: C (LEAVE A REPLY)

NEW QUESTION: 6
Which of the following is a virtualization technology commonly used with F5 devices? Choose one:
A. Coffee machines
B. 3D printing
C. Virtual Servers
D. Virtual reality headsets
Answer: (SHOW ANSWER)

NEW QUESTION: 7
What is the primary purpose of application bursting in cloud computing? Choose one:
A. To enhance the performance of applications during peak usage
B. To improve the user interface of applications
C. To increase the security of applications
D. To reduce the cost of running applications
Answer: (SHOW ANSWER)

NEW QUESTION: 8
Which cloud service model provides the most control over the underlying hardware and software stack?
Choose one:
A. Function as a Service (FaaS)
B. Platform as a Service (PaaS)

C. Software as a Service (SaaS)
D. Infrastructure as a Service (IaaS)
Answer: (SHOW ANSWER)

NEW QUESTION: 9
When deploying F5 instances in a cloud environment, what is the role of the F5 BIG-IQ platform? Choose one:
A. It serves as a virtual coffee machine.
B. It centralizes management and monitoring of F5 devices.
C. It offers cooking recipes for cloud-based applications.
D. It provides weather forecasts for the cloud region.
Answer: (SHOW ANSWER)

NEW QUESTION: 10
Which concept best describes the ability to move an application between different cloud environments without significant changes?
Choose one:
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A. Hybrid Cloud Integration
B. Application Bursting
C. Cloud Elasticity
D. Application Mobility
Answer: (SHOW ANSWER)

NEW QUESTION: 11
Which cloud service model gives the customer the most control over the operating system and network configuration? Choose one:
A. IaaS
B. SaaS
C. FaaS
D. PaaS
Answer: (SHOW ANSWER)

NEW QUESTION: 12
Which licensing model charges customers on an hourly or monthly basis through the cloud provider's marketplace? Choose one:
A. Subscription-only appliance license
B. Utility billing (PAYG / hourly)
C. Volume license agreement
D. Perpetual license
Answer: (SHOW ANSWER)

NEW QUESTION: 13
Which BIG-IP module provides identity federation and single sign-on for cloud-hosted applications? Choose one:
A. APM (Access Policy Manager)
B. LTM (Local Traffic Manager)
C. AFM (Advanced Firewall Manager)
D. AVR (Application Visibility and Reporting)
Answer: (SHOW ANSWER)

NEW QUESTION: 14
What is a key characteristic of a single-NIC BIG-IP VE deployment in the cloud? Choose one:
A. It supports only Layer 2 forwarding
B. It cannot be used with AS3
C. It requires at least three separate VLANs
D. Management and data plane traffic share the same interface
Answer: (SHOW ANSWER)

NEW QUESTION: 15
Which of the following is NOT a typical component of cloud IAM? Choose one:
A. Access policies
B. Multi-factor authentication
C. Role-based access control
D. User's physical location tracking
Answer: (SHOW ANSWER)

NEW QUESTION: 16
Which of the following is NOT a cloud service model? Choose one:
A. Infrastructure as a Service (IaaS)
B. Platform as a Service (PaaS)
C. Software as a Service (SaaS)
D. Data as a Service (DaaS)
Answer: (SHOW ANSWER)

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NEW QUESTION: 17
Scenario: You are tasked with selecting a cloud service model that allows your team to develop and deploy applications without managing the underlying infrastructure.
Which model would you choose and why?
Choose one:
A. Platform as a Service (PaaS)
B. Software as a Service (SaaS)
C. Infrastructure as a Service (IaaS)
D. Function as a Service (FaaS)
Answer: (SHOW ANSWER)

NEW QUESTION: 18
When designing a cloud bursting solution, what variables should be evaluated? (Select all that apply) Choose:
A. Application scalability requirements
B. The weather forecast
C. The CEO's favorite color
D. Cloud provider capabilities
Answer: (SHOW ANSWER)

NEW QUESTION: 19
What is a key benefit of using infrastructure-as-code tools such as Terraform for BIG-IP cloud deployments? Choose one:
A. It prevents the use of AS3 declarations
B. Deployments become repeatable, version-controlled, and consistent
C. It guarantees zero network latency
D. It removes the need for any BIG-IP licensing
Answer: (SHOW ANSWER)

NEW QUESTION: 20
Which F5 product provides DNS-based global server load balancing across multiple cloud regions or providers? Choose one:
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A. BIG-IP PEM
B. BIG-IP DNS (GTM)
C. BIG-IQ Central Manager
D. BIG-IP AFM
Answer: (SHOW ANSWER)

NEW QUESTION: 21
Which service discovery method allows BIG-IP pool members to be populated automatically based on cloud instance tags? Choose one:
A. Manual iRule assignment
B. AS3 service discovery with cloud provider tags
C. DNS zone transfer
D. Static node definition
Answer: (SHOW ANSWER)

NEW QUESTION: 22
Scenario: Your organization is migrating a mission-critical application to the cloud. The application has several dependencies on on-premises systems. How would you approach this migration to minimize risk?
Choose one:
A. Perform the migration without considering dependencies to save time.
B. Ignore any legacy systems and focus on the cloud transition.
C. Immediately decommission all on-premises systems.
D. Identify and document all dependencies before migration.
Answer: (SHOW ANSWER)

NEW QUESTION: 23
What is the role of an orchestrator in creating a workflow for dynamic provisioning? Choose one:
A. To automate and coordinate the execution of tasks within the workflow
B. To organize company holiday parties
C. To manage employee dress code policies
D. To design office layouts
Answer: (SHOW ANSWER)

NEW QUESTION: 24
What is an advantage of using serverless computing in cloud deployment? Choose one:
A. Longer application deployment times
B. Complete control over the underlying infrastructure
C. Lower cost compared to traditional servers
D. Requires manual scaling
Answer: (SHOW ANSWER)

NEW QUESTION: 25
Which statement about BIG-IP VE ConfigSync across cloud availability zones is most accurate? Choose one:
A. ConfigSync only works over the management interface
B. ConfigSync is unsupported in any public cloud

C. ConfigSync requires Layer 2 adjacency between devices
D. ConfigSync can operate across zones using routed self IP connectivity
Answer: (SHOW ANSWER)

NEW QUESTION: 26
What must be granted to a BIG-IP VE instance so it can call cloud provider APIs for failover or service discovery? Choose one:
A. An IAM role or managed identity with appropriate permissions
B. A dedicated hardware security module
C. Root SSH access to the hypervisor
D. A physical console cable
Answer: (SHOW ANSWER)

NEW QUESTION: 27
Scenario: During a cloud deployment, you notice that the application's performance drops significantly during peak traffic periods. How can application bursting be utilized to address this issue?
Choose one:
A. Enable the application to scale out to the cloud during peak times.
B. Deploy additional on-premises servers.
C. Reduce the number of concurrent users allowed.
D. Limit the application's resource usage during these periods.
Answer: (SHOW ANSWER)

NEW QUESTION: 28
What are key considerations when evaluating variables for a cloud migration plan? (Select all that apply) Choose:
A. Employee lunch preferences
B. Application dependencies
C. Data storage requirements
D. Moon phases
Answer: (SHOW ANSWER)

NEW QUESTION: 29
What is the primary purpose of using cloud deployment templates in the context of on-demand provisioning?
Choose one:
A. To design custom office layouts
B. To organize company picnics
C. To schedule team-building activities
D. To quickly provision and configure cloud resources and applications

Answer: (SHOW ANSWER)

NEW QUESTION: 30

In the shared responsibility model for public cloud, which item remains the customer's responsibility?
Choose one:

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A. Physical security of the data center
B. Application and BIG-IP configuration security
C. Power and cooling of the facility
D. Hypervisor patching
Answer: (SHOW ANSWER)

NEW QUESTION: 31

Which cloud deployment model allows multiple organizations to share cloud resources while maintaining their own isolation?
Choose one:
A. Private Cloud
B. Public Cloud
C. Hybrid Cloud
D. Community Cloud
Answer: (SHOW ANSWER)

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NEW QUESTION: 32

Which constraints can SDN technologies impose on F5 components in a cloud environment? (Choose two)
Choose:
A. Enhanced automation capabilities
B. Reduced network programmability
C. Limited scalability
D. Incompatibility with F5 hardware
Answer: (SHOW ANSWER)

NEW QUESTION: 33

Which protocol/mechanism is commonly used for BIG-IP configuration synchronization in a cloud HA pair? Choose one:
A. FTP file copy
B. ConfigSync over the internal self IP
C. NTP broadcast
D. SNMP traps
Answer: (SHOW ANSWER)

NEW QUESTION: 34
In the context of cloud application bursting, what does "horizontal scaling" refer to? Choose one:
A. Reducing the number of application users
B. Adjusting the color scheme of the application
C. Adding more virtual machines or instances to handle increased demand
D. Increasing the size of the data center
Answer: (SHOW ANSWER)

NEW QUESTION: 35
Which BIG-IP VE HA model relies on the cloud provider API to move addresses rather than on gratuitous ARP? Choose one:
A. Spanning-tree based failover
B. API-driven failover using Cloud Failover Extension
C. Traditional Layer 2 floating IP failover
D. VLAN failsafe with trunking
Answer: (SHOW ANSWER)

NEW QUESTION: 36
How can SDN technologies impact the integration of applications in a cloud environment? (Select all that apply) Choose:
A. SDN can complicate application integration by adding layers of abstraction.
B. SDN technologies have no effect on application integration.
C. SDN can simplify application integration in multi-cloud environments.
D. SDN only works in on-premises data centers.
Answer: (SHOW ANSWER)

NEW QUESTION: 37
Which F5 product is specifically designed for global server load balancing? Choose one:
A. BIG-IP DNS (formerly GTM)
B. BIG-IP Application Security Manager (ASM)
C. BIG-IP Access Policy Manager (APM)
D. BIG-IP Local Traffic Manager (LTM)
Answer: (SHOW ANSWER)

NEW QUESTION: 38
In the context of dynamic provisioning of an F5 instance, what is a workflow? Choose one:
A. A series of automated tasks and processes for provisioning and configuring an F5 instance
B. A list of preferred employee hairstyles
C. A step-by-step guide to making the best office coffee
D. A document outlining company vacation policies
Answer: (SHOW ANSWER)

NEW QUESTION: 39
Which BIG-IQ capability allows automatic license assignment and revocation for dynamically created BIG-IP VE instances? Choose one:
A. AVR reporting
B. License pool management with license utility
C. iHealth diagnostics
D. SNMP polling
Answer: B (LEAVE A REPLY)

NEW QUESTION: 40
Which of the following is a primary advantage of using an orchestration model like N/E/S/W-bound APIs?
Choose one:
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A. It makes coffee for the IT team
B. It predicts the weather accurately
C. It increases the number of office plants
D. It simplifies and automates the creation and management of services
Answer: (SHOW ANSWER)

NEW QUESTION: 41
What are the key benefits of application mobility in the cloud? (Choose two) Choose:
A. Increased application development time
B. Better resource utilization across different cloud environments
C. Improved disaster recovery options
D. Enhanced data redundancy
Answer: (SHOW ANSWER)

NEW QUESTION: 42
What is the primary purpose of a Virtual Private Cloud (VPC)? Choose one:
A. To create virtual machines
B. To provide on-premises storage
C. To host a public website

D. To isolate and segment network resources
Answer: (SHOW ANSWER)

NEW QUESTION: 43
In a cloud auto-scale BIG-IP deployment, which licensing approach is generally most appropriate? Choose one:
A. Utility/PAYG or BIG-IQ-managed license pool
B. No license is required in auto-scale mode
C. Perpetual BYOL applied manually per instance
D. Hardware appliance license
Answer: (SHOW ANSWER)

NEW QUESTION: 44
Scenario: You are finalizing a cloud migration plan and need to validate its effectiveness. What actions should you take to ensure the plan meets both technical and business objectives? Choose one:
A. Focus solely on reducing migration costs.
B. Proceed with the full migration without testing.
C. Run a pilot migration and gather feedback.
D. Decommission the old infrastructure before validating the new setup.
Answer: (SHOW ANSWER)

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