



Vendor: HP

Exam Code: HPE2-T39

Exam Name: HPE Morpheus VM Essentials Software

Version: DEMO

QUESTION 1

When planning the deployment of the HPE Morpheus VM Essentials Manager appliance, what is the minimum baseline storage performance requirement to ensure the embedded microservices (such as Elasticsearch and RabbitMQ) remain stable during concurrent provisioning tasks?

- A. The underlying datastore must deliver a sustained minimum of 10,000 IOPS with sub-millisecond latency, particularly during peak concurrent provisioning workloads, to support the real-time global hypervisor telemetry streaming engine across distributed datacenter environments.
- B. The appliance is optimized for in-memory operations and requires only a standard 7.2K RPM SATA drive (approximately 150 IOPS) dedicated to periodic nightly configuration backups and log retention.
- C. The datastore requires enterprise SSDs or NVMe with 1,000-2,000 consistent IOPS to prevent service timeouts and lockups.
- D. Storage performance is not a primary concern provided the appliance has a dedicated 10GbE NIC to offload all processing directly to the external vCenter server, utilizing network throughput to mitigate local storage limitations.

Answer: C

QUESTION 2

An IT Operations Analyst receives a critical alert indicating that the HPE Morpheus VM Essentials environment is exhibiting subscription synchronization failures. The dashboard displays a "License Out of Sync" warning.

```
[2026-05-18T10:15:00] INFO [GreenLakeTelemetry] - Initiating scheduled consumption sync.
[2026-05-18T10:15:05] ERROR [GreenLakeTelemetry] - Connection Timeout: Unable to reach https://api.greenlake.hpe.com
[2026-05-18T10:15:05] WARN [LicenseManager] - Telemetry sync failed. Retrying in 1 hour.
[2026-05-18T11:15:05] ERROR [GreenLakeTelemetry] - Connection Timeout: Unable to reach https://api.greenlake.hpe.com
[2026-05-18T11:15:06] FATAL [LicenseManager] - Grace period expired. Subscription unverified.
```

Based on the diagnostic logs, which TWO conditions are the most likely root causes for this subscription sync failure? (Choose 2.)

- A. The external DNS servers configured on the Morpheus appliance are failing to resolve the api.greenlake.hpe.com hostname to a valid IP address.
- B. A physical edge firewall or proxy server is blocking outbound TCP port 443 traffic from the Morpheus Manager appliance to the GreenLake cloud endpoints.
- C. The local hypervisor cluster has exhausted its physical memory, causing the Morpheus agent to drop GreenLake telemetry packets.
- D. The internal message broker (RabbitMQ) has experienced a split-brain partition, corrupting the local license database.

Answer: AB

QUESTION 3

A Technical Support Engineer is investigating a failed SAML login attempt. The user is successfully authenticated by the Identity Provider (Okta), but upon redirection back to Morpheus, they receive an Error: Invalid SAML Response - Timestamp out of range.

```
[System Diagnostics]
Morpheus Appliance Time: 10:00:00 UTC
Identity Provider Time: 10:05:00 UTC
SAML NotOnOrAfter Attribute: 10:03:00 UTC
```

Which THREE actions are appropriate for resolving this specific federated authentication failure? (Choose 3.)

- A. Correct the time synchronization issue by configuring the Morpheus appliance Ubuntu server to synchronize with a trusted enterprise NTP source (Stratum 1 or 2).
- B. Advise the user to clear browser cache and cookies to address potential client-side session anomalies; however, note this does not resolve server-side timestamp validation failures caused by clock desynchronization.
- C. Conduct a detailed review of the SAML assertion XML in Morpheus diagnostic logs, specifically examining the Conditions element for proper syntax and presence of the NotOnOrAfter timestamp attribute to rule out parsing issues.
- D. Adjust the "SAML Clock Skew" (Time Tolerance) parameter in the Morpheus Identity Source configuration to accommodate the observed 5-minute time variance between systems.
- E. Ensure the Identity Provider (Okta) synchronizes to an identical, reliable time source as Morpheus to maintain clock alignment between federation partners and prevent timestamp validation errors.

Answer: ADE

QUESTION 4

A Systems Administrator is managing a rapidly growing HPE Morpheus VM Essentials footprint that recently scaled past 10,000 managed virtual machines.

The administrator notices that newly provisioned Morpheus Agents are frequently dropping offline, and the RabbitMQ service on the single-node Morpheus Manager is consuming massive amounts of RAM and throwing "connection limit" warnings.

Which THREE architectural scaling strategies should the administrator implement to resolve these message broker bottlenecks? (Select all that apply.)

- A. Transition the Morpheus platform configuration to bypass the centralized RabbitMQ broker entirely, opting instead to write agent telemetry directly into the local /var/log/syslog of the hypervisor host.
- B. Upgrade the physical hardware (or VM sizing) of the Morpheus Manager appliance to provide more CPU and RAM, as RabbitMQ relies heavily on available memory for connection state tracking and rapid message routing calculations.
- C. Configure the Morpheus Agents on the guest VMs to utilize UDP instead of TCP, completely eliminating the stateful socket overhead on the RabbitMQ server.
- D. Deploy additional Morpheus Manager application nodes to distribute the inbound AMQP agent connection load across a horizontally scaled RabbitMQ cluster behind a load balancer.
- E. Increase the maximum open file descriptors limit (ulimit) for the rabbitmq OS user (or the Morpheus appliance generally) to mathematically accommodate the massive influx of persistent TCP sockets from the 10,000 agents.

Answer: BDE

QUESTION 5

A Network Administrator is finalizing the deployment of an HPE Morpheus VM Essentials Console that must be accessible by internal datacenter engineers and external, third-party API automation gateways.

[Deployment Requirements]

- Internal engineers use `https://morpheus.internal.corp`
- External APIs use `https://api.morpheus.public.com`
- Both paths must reach the same Morpheus Manager node.
- SAML authentication and Agent Callbacks must work flawlessly for both groups.

To satisfy these requirements without breaking the core functionality of the Morpheus Appliance URL, which THREE network and configuration strategies must the administrator implement? (Select all that apply.)

- A. The administrator must implement "Split-Horizon" (or Split-Brain) DNS, ensuring a single, unified FQDN is configured as the Appliance URL, resolving to the private IP internally and the public NAT IP externally.
- B. The corporate edge firewall must be configured to seamlessly translate (NAT) and forward inbound TCP port 443 traffic from the external public IP address directly to the Morpheus Manager's internal IP address.
- C. The administrator must modify the Appliance URL field within the Morpheus UI to contain a comma-separated list of all possible internal and external FQDNs to allow the proxy engine to accept multiple headers.
- D. The administrator must secure a CA-signed Subject Alternative Name (SAN) SSL certificate that encompasses both the internal and external FQDNs to prevent severe browser and API client trust errors.
- E. The administrator must configure the global Appliance URL to explicitly use the public FQDN (`https://api.morpheus.public.com`), ensuring external agents and APIs have a guaranteed, globally routable path to phone home.

Answer: ABD

QUESTION 6

A CIO is comparing the commercial model of HPE Morpheus VM Essentials against the incumbent VMware subscription bundles before approving a datacenter refresh.

Which statement accurately describes the licensing model for HPE Morpheus VM Essentials Software?

- A. It is licensed as a per-socket subscription, delivered and tracked through HPE GreenLake, covering both the hypervisor and the management layer.correct
- B. It is a perpetual per-virtual-machine license, with a mandatory annual support renewal calculated from the peak VM count observed in the previous term.
- C. It is licensed per physical core with a mandatory 16-core minimum per socket, mirroring the packaging of the incumbent platform.
- D. It is provided at no cost for unlimited sockets, with charges applied only when workloads are burst into a public cloud region.

Answer: A

QUESTION 7

A Virtualization Architect is preparing an executive briefing that explains why customers are re-

evaluating their virtualization platform in the current market.

Which TWO market conditions are the primary drivers behind organizations evaluating HPE Morpheus VM Essentials? (Choose 2.)

- A. Consolidation of the incumbent vendor's product portfolio into higher-cost per-core subscription bundles, which sharply increased renewal quotes for existing estates.correct
- B. A regulatory requirement that prohibits the use of type-1 hypervisors in on-premises datacenters, forcing migration to container-only platforms.
- C. The need for a platform that can manage the existing VMware estate and a new KVM-based estate from a single console during a phased transition, rather than requiring a disruptive cutover.correct
- D. The industry-wide deprecation of the x86_64 architecture, which obliges customers to re-platform virtual machines onto ARM-based hosts.
- E. A shift away from virtual machines entirely, as bare-metal deployment has become the recommended model for general-purpose enterprise workloads.

Answer: AC

QUESTION 8

A customer currently running HPE Morpheus VM Essentials asks whether their existing subscription covers a new self-service initiative that requires published service catalogs, multi-tier application blueprints, and provisioning into AWS and Azure.

Which statement correctly positions the required product?

- A. The requirement is satisfied by HPE Morpheus VM Essentials, because catalog and public cloud provisioning are standard features of the Essentials subscription.
- B. The requirement is satisfied only by upgrading to the full HPE Morpheus Enterprise platform, which adds public cloud orchestration, self-service catalog, and advanced automation on top of the Essentials capabilities.correct
- C. The requirement cannot be met by any Morpheus edition, because the product family is scoped exclusively to on-premises KVM hypervisor management.
- D. The requirement is satisfied by deploying a second VM Essentials Manager appliance in each public cloud region and joining the appliances into a federation.

Answer: B

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