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**VMware**

# 3V0-22.21N

*Advanced Deploy VMware vSphere 7.x*



### **Question: 1**

What is the maximum number of ESXi hosts that can be managed in a vSphere cluster using vCenter Server?

- A. 32
- B. 64
- C. 128
- D. 256

**Answer: C**

### **Question: 2**

Which vSphere feature provides automatic allocation of compute, storage, and networking resources based on predefined policies?

- A. vSphere Storage DRS
- B. vSphere Distributed Switch
- C. vSphere Distributed Resource Scheduler
- D. vSphere High Availability

**Answer: C**

### **Question: 3**

Which vSphere component provides centralized management and control of virtualized infrastructure?

- A. vSphere Client
- B. ESXi Hypervisor

- C. vCenter Server
- D. vSphere Web Client

**Answer: C**

**Question: 4**

What is the purpose of vSphere High Availability (HA)?

- A. It provides load balancing across ESXi hosts in a cluster.
- B. It ensures continuous availability of virtual machines in the event of host failures.
- C. It provides encryption of virtual machine data at rest.
- D. It allows for live migration of virtual machines between hosts.

**Answer: B**

**Question: 5**

Which vSphere feature allows for live migration of virtual machines between hosts without any downtime?

- A. vSphere Fault Tolerance
- B. vMotion
- C. Storage vMotion
- D. vSphere Replication

**Answer: B**

**Question: 6**

What is the purpose of vSphere Distributed Switch (VDS)?

- A. It provides centralized management of virtual machine storage.
- B. It enables the creation of virtual machine templates.
- C. It provides advanced security features for virtual machines.
- D. It allows for the extension of Layer 2 networking across multiple hosts.

**Answer: D**

**Question: 7**

Which vSphere feature provides automatic load balancing of virtual machine storage across multiple datastores?

- A. vSphere Storage DRS
- B. vSphere Fault Tolerance
- C. vSphere Distributed Switch
- D. vSphere High Availability

**Answer: A**

**Question: 8**

What is the maximum supported size of a virtual disk (VMDK) in vSphere 7.x?

- A. 2 TB
- B. 4 TB
- C. 8 TB
- D. 16 TB

**Answer: D**

**Question: 9**

Which vSphere feature provides replication of virtual machine data to a secondary site for disaster recovery purposes?

- A. vSphere Fault Tolerance
- B. Storage vMotion
- C. vMotion
- D. vSphere Replication

**Answer: D**

**Question: 10**

What is the maximum number of vCPUs that can be assigned to a virtual machine in vSphere 7.x?

- A. 64
- B. 128
- C. 512
- D. 256

**Answer: C**

**Question: 11**

What is the maximum number of logical CPUs that an ESXi host can support

in vSphere 7.x?

- A. 512
- B. 256
- C. 128
- D. 1024

**Answer: A**

**Question: 12**

Which vSphere feature provides automatic host and virtual machine (VM) restart in the event of a host failure?

- A. vSphere Fault Tolerance
- B. vSphere High Availability
- C. vMotion
- D. vSphere Replication

**Answer: B**

**Question: 13**

Which vSphere component is responsible for managing virtual machine resources such as CPU, memory, and storage?

- A. vCenter Server
- B. vSphere Web Client
- C. vSphere Client
- D. ESXi Hypervisor

**Answer: D**

**Question: 14**

What is the purpose of vSphere Distributed Resource Scheduler (DRS)?

- A. It enables live migration of virtual machines between hosts without any downtime.
- B. It allows for the creation of virtual machine templates.
- C. It provides centralized management and control of virtualized infrastructure.
- D. It provides automatic load balancing of virtual machines across hosts in a cluster.

**Answer: D**

**Question: 15**

Which vSphere feature provides continuous availability of virtual machines by creating a secondary synchronous copy of the VM?

- A. vMotion
- B. vSphere Fault Tolerance
- C. Storage vMotion
- D. vSphere Replication

**Answer: B**

**Question: 16**

What is the maximum number of VMs that can be powered on per host in a

vSphere cluster?

- A. 128
- B. 1024
- C. 512
- D. 256

**Answer: D**

**Question: 17**

What is the purpose of vSphere Storage DRS?

- A. It allows for live migration of virtual machines between hosts.
- B. It ensures continuous availability of virtual machines in the event of host failures.
- C. It provides encryption of virtual machine data at rest.
- D. It provides automatic load balancing of virtual machine storage across multiple datastores.

**Answer: D**

**Question: 18**

Which vSphere feature allows for the live migration of virtual machine storage from one datastore to another?

- A. Storage vMotion
- B. vMotion
- C. vSphere Fault Tolerance
- D. vSphere Replication

**Answer: A**

**Question: 19**

What is the maximum number of VMFS datastores that a single ESXi host can support in vSphere 7.x?

- A. 16
- B. 32
- C. 128
- D. 64

**Answer: D**

**Question: 20**

Which vSphere component provides a web-based interface for managing and monitoring virtualized infrastructure?

- A. vCenter Server
- B. vSphere Web Client
- C. vSphere Client
- D. ESXi Hypervisor

**Answer: B**

**Question: 21**

What is the maximum supported number of virtual machines in a vSphere

cluster?

- A. 256
- B. 512
- C. 1024
- D. 2048

**Answer: C**

**Question: 22**

Which vSphere feature provides automated resource allocation and optimization based on predefined policies?

- A. vSphere Replication
- B. vSphere High Availability (HA)
- C. vSphere Storage DRS
- D. vSphere Distributed Resource Scheduler (DRS)

**Answer: D**

**Question: 23**

What is the maximum supported number of logical networks in a vSphere distributed switch (VDS)?

- A. 512
- B. 128
- C. 256
- D. 64

**Answer: A**

**Question: 24**

Which vSphere feature provides the ability to migrate a running virtual machine from one host to another without any downtime?

- A. Storage vMotion
- B. vSphere Fault Tolerance
- C. vMotion
- D. vSphere Replication

**Answer: C**

**Question: 25**

What is the maximum supported RAM per virtual machine in vSphere 7.x?

- A. 1 TB
- B. 4 TB
- C. 2 TB
- D. 8 TB

**Answer: B**

**Question: 26**

Which vSphere feature provides real-time replication of virtual machine data to a secondary site for disaster recovery purposes?

- A. vSphere Fault Tolerance
- B. vSphere Replication
- C. vSphere Distributed Switch (VDS)
- D. vSphere High Availability (HA)

**Answer: B**

**Question: 27**

Which vSphere feature provides the ability to encrypt virtual machine data at rest?

- A. vSphere Fault Tolerance
- B. vSphere Distributed Switch (VDS)
- C. vSphere Encryption
- D. vSphere Replication

**Answer: C**

**Question: 28**

What is the maximum number of virtual NICs (vNICs) that can be assigned to a virtual machine in vSphere 7.x?

- A. 8
- B. 16
- C. 32
- D. 64

**Answer: C**

**Question: 29**

Which vSphere component allows for the creation and management of virtual machine templates?

- A. ESXi Hypervisor
- B. vCenter Server
- C. vSphere Client
- D. vSphere Web Client

**Answer: B**

**Question: 30**

What is the maximum supported number of virtual machines per datastore in vSphere 7.x?

- A. 128
- B. 1024
- C. 512
- D. 256

**Answer: B**

**Question: 31**

Which vSphere feature provides the ability to perform planned migrations of virtual machines between hosts and datastores?

- A. vMotion

- B. vSphere Fault Tolerance
- C. vSphere Replication
- D. Storage vMotion

**Answer: D**

**Question: 32**

What is the maximum number of snapshots that can be taken per virtual machine in vSphere 7.x?

- A. 8
- B. 16
- C. 64
- D. 32

**Answer: D**

**Question: 33**

Which vSphere feature provides the ability to replicate virtual machines to a secondary site for business continuity purposes?

- A. vSphere Fault Tolerance
- B. vSphere Distributed Switch (VDS)
- C. vSphere Replication
- D. vSphere High Availability (HA)

**Answer: C**

**Question: 34**

What is the maximum supported number of virtual disks (VMDKs) per virtual machine in vSphere 7.x?

- A. 32
- B. 64
- C. 256
- D. 128

**Answer: D**

**Question: 35**

Which vSphere feature provides enhanced security for virtual machines by protecting against unauthorized access?

- A. vSphere Fault Tolerance
- B. vSphere Replication
- C. vSphere Distributed Switch (VDS)
- D. vSphere Encryption

**Answer: D**

**Question: 36**

What is the maximum number of hosts that can be added to a vSphere cluster in vSphere 7.x?

- A. 256
- B. 64

- C. 128
- D. 32

**Answer: A**

**Question: 37**

Which vSphere feature provides the ability to protect virtual machines against host failures by maintaining a synchronized secondary copy?

- A. Storage vMotion
- B. vMotion
- C. vSphere Fault Tolerance
- D. vSphere Replication

**Answer: C**

**Question: 38**

What is the maximum supported number of virtual switches (vSwitches) per host in vSphere 7.x?

- A. 8
- B. 16
- C. 64
- D. 32

**Answer: D**

**Question: 39**

Which vSphere component allows for the management and monitoring of virtualized infrastructure through a graphical user interface (GUI)?

- A. vSphere Client
- B. ESXi Hypervisor
- C. vCenter Server
- D. vSphere Web Client

**Answer: A**

**Question: 40**

What is the maximum supported number of virtual machines that can be powered on simultaneously per datastore cluster in vSphere 7.x?

- A. 32
- B. 64
- C. 128
- D. 256

**Answer: C**

**Question: 41**

Which vSphere feature provides the ability to migrate virtual machines between hosts without shared storage?

- A. vMotion
- B. vSphere Fault Tolerance
- C. Storage vMotion

D. vSphere Replication

**Answer: A**

**Question: 42**

What is the maximum supported number of datastore clusters per vCenter Server in vSphere 7.x?

- A. 8
- B. 16
- C. 32
- D. 64

**Answer: D**

**Question: 43**

Which vSphere feature provides the ability to migrate virtual machine storage across different storage arrays?

- A. vMotion
- B. vSphere Fault Tolerance
- C. Storage vMotion
- D. vSphere Replication

**Answer: C**

**Question: 44**

Which vSphere feature provides the ability to allocate CPU and memory resources to virtual machines based on predefined policies?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere High Availability (HA)
- C. vSphere Storage DRS
- D. vSphere Replication

**Answer: A**

**Question: 45**

What is the maximum supported number of virtual machines that can be migrated simultaneously using vSphere vMotion in vSphere 7.x?

- A. 2
- B. 4
- C. 8
- D. 16

**Answer: C**

**Question: 46**

Which vSphere component provides a centralized platform for managing and monitoring vSphere infrastructure?

- A. vCenter Server
- B. ESXi Hypervisor
- C. vSphere Client
- D. vSphere Web Client

**Answer: A**

**Question: 47**

What is the maximum supported number of physical NICs (pNICs) that can be assigned to a vSphere distributed switch (VDS) in vSphere 7.x?

- A. 256
- B. 128
- C. 64
- D. 512

**Answer: A**

**Question: 48**

Which vSphere feature provides the ability to automatically restart virtual machines on another host in the event of a host failure?

- A. vSphere Fault Tolerance
- B. vSphere Replication
- C. vMotion
- D. vSphere High Availability (HA)

**Answer: D**

**Question: 49**

What is the maximum supported number of virtual machines that can be

powered on per vSphere distributed switch (VDS) in vSphere 7.x?

- A. 512
- B. 1024
- C. 2048
- D. 4096

**Answer: B**

**Question: 50**

Which vSphere feature provides the ability to migrate virtual machines between vCenter Server instances?

- A. Cross-vCenter vMotion
- B. vSphere Fault Tolerance
- C. Storage vMotion
- D. vMotion

**Answer: A**

**Question: 51**

What is the maximum supported number of virtual machines that can be registered per ESXi host in vSphere 7.x?

- A. 512
- B. 2048
- C. 1024
- D. 4096

**Answer: B**

**Question: 52**

Which vSphere feature provides the ability to allocate storage resources to virtual machines based on predefined policies?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere Storage DRS
- C. vSphere High Availability (HA)
- D. vSphere Replication

**Answer: B**

**Question: 53**

What is the maximum supported number of ESXi hosts in a vSphere cluster in vSphere 7.x?

- A. 32
- B. 256
- C. 128
- D. 64

**Answer: B**

**Question: 54**

Which vSphere feature provides the ability to migrate virtual machines between different vCenter Server instances and storage arrays?

- A. vMotion
- B. vSphere Fault Tolerance
- C. Storage vMotion
- D. Cross-vCenter vMotion with Enhanced Linked Mode

**Answer: D**

**Question: 55**

What is the maximum supported number of virtual machines that can be registered per vCenter Server instance in vSphere 7.x?

- A. 5000
- B. 10000
- C. 20000
- D. 15000

**Answer: D**

**Question: 56**

Which vSphere feature provides the ability to encrypt virtual machine vMotion traffic?

- A. vSphere Fault Tolerance
- B. vMotion with Encrypted vMotion Network
- C. vSphere Encryption
- D. vSphere Replication

**Answer: B**

**Question: 57**

What is the maximum supported number of storage paths per ESXi host in vSphere 7.x?

- A. 512
- B. 256
- C. 1024
- D. 2048

**Answer: B**

**Question: 58**

Which vSphere feature provides the ability to replicate virtual machines to a secondary site for disaster recovery purposes?

- A. vSphere Replication
- B. vSphere Fault Tolerance
- C. vSphere Distributed Switch (VDS)
- D. vSphere High Availability (HA)

**Answer: A**

**Question: 59**

What is the maximum supported number of virtual machines that can be deployed per vApp in vSphere 7.x?

- A. 64
- B. 16
- C. 32
- D. 8

**Answer: A**

**Question: 60**

Which I apologize for the repeated question. Here's the continuation: Which vSphere feature provides the ability to manage and monitor virtual machine performance and resource utilization?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere High Availability (HA)
- C. vSphere Performance Charts
- D. vSphere Storage DRS

**Answer: C**

**Question: 61**

What is the maximum supported number of virtual machines that can be powered on simultaneously per ESXi host in vSphere 7.x?

- A. 1024
- B. 512
- C. 2048
- D. 4096

**Answer: B**

**Question: 62**

Which vSphere feature provides the ability to allocate storage resources dynamically based on virtual machine requirements?

- A. vSphere Fault Tolerance
- B. vSphere Storage DRS
- C. vSphere Encryption
- D. vSphere Replication

**Answer: B**

**Question: 63**

What is the maximum supported number of vCPUs per virtual machine in vSphere 7.x?

- A. 128
- B. 512
- C. 256
- D. 1024

**Answer: C**

**Question: 64**

Which vSphere feature provides the ability to automatically balance virtual machine workloads across hosts in a cluster?

- A. vSphere High Availability (HA)
- B. vSphere Distributed Resource Scheduler (DRS)
- C. vMotion
- D. vSphere Replication

**Answer: B**

**Question: 65**

What is the maximum supported number of virtual machines that can be registered per vSphere cluster in vSphere 7.x?

- A. 5000
- B. 10000
- C. 20000
- D. 15000

**Answer: C**

**Question: 66**

Which vSphere feature provides the ability to migrate virtual machines between different storage arrays?

- A. Storage vMotion
- B. vSphere Fault Tolerance
- C. vMotion
- D. vSphere Replication

**Answer: A**

**Question: 67**

What is the maximum supported number of datastores per ESXi host in vSphere 7.x?

- A. 256
- B. 128
- C. 64
- D. 512

**Answer: A**

**Question: 68**

Which vSphere feature provides the ability to monitor and manage virtual machine snapshots?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere High Availability (HA)
- C. vSphere Snapshot Manager
- D. vSphere Storage DRS

**Answer: C**

**Question: 69**

What is the maximum supported number of virtual machines that can be powered on per vSphere cluster in vSphere 7.x?

- A. 4096

- B. 2048
- C. 8192
- D. 16384

**Answer: A**

**Question: 70**

Which vSphere feature provides the ability to monitor and manage virtual machine templates?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere Content Library
- C. vSphere Storage DRS
- D. vSphere High Availability (HA)

**Answer: B**

**Question: 71**

What is the maximum supported number of VMFS datastores per ESXi host in vSphere 7.x?

- A. 16
- B. 32
- C. 128
- D. 64

**Answer: D**

**Question: 72**

Which vSphere feature provides the ability to automate the deployment and management of virtual machines?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere Lifecycle Manager
- C. vSphere High Availability (HA)
- D. vSphere Replication

**Answer: B**

**Question: 73**

What is the maximum supported number of vCPUs per virtual machine in vSphere 7.x Enterprise Plus edition?

- A. 128
- B. 256
- C. 512
- D. 1024

**Answer: D**

**Question: 74**

Which vSphere feature provides the ability to monitor and manage virtual machine performance and resource utilization?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere vRealize Operations Manager

- C. vSphere Storage DRS
- D. vSphere High Availability (HA)

**Answer: B**

**Question: 75**

What is the maximum supported number of host CPUs in a vSphere cluster in vSphere 7.x?

- A. 512
- B. 4096
- C. 2048
- D. 1024

**Answer: B**

**Question: 76**

Which vSphere feature provides the ability to create and manage virtual networks?

- A. vSphere Replication
- B. vSphere High Availability (HA)
- C. vMotion
- D. vSphere Distributed Switch (VDS)

**Answer: D**

**Question: 77**

What is the maximum supported number of virtual machines that can be powered on per vApp in vSphere 7.x?

- A. 8
- B. 16
- C. 64
- D. 32

**Answer: C**

**Question: 78**

Which vSphere feature provides the ability to monitor and manage virtual machine storage performance and resource utilization?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere High Availability (HA)
- C. vSphere Storage I/O Control
- D. vSphere Replication

**Answer: C**

**Question: 79**

What is the maximum supported number of virtual machines that can be registered per vSphere environment in vSphere 7.x?

- A. 30000
- B. 50000
- C. 70000

D. 90000

**Answer: B**

**Question: 80**

Which vSphere feature provides the ability to manage and monitor virtual machine snapshots at scale?

- A. vSphere Lifecycle Manager
- B. vSphere High Availability (HA)
- C. vSphere Storage DRS
- D. vSphere Distributed Resource Scheduler (DRS)

**Answer: A**

**Question: 81**

What is the maximum supported number of virtual machines that can be powered on per vSphere environment in vSphere 7.x?

- A. 30000
- B. 50000
- C. 70000
- D. 90000

**Answer: C**

**Question: 82**

Which vSphere feature provides the ability to manage and monitor virtual machine storage policies?

- A. vSphere Distributed Resource Scheduler (DRS)
- B. vSphere High Availability (HA)
- C. vSphere Storage Policy-Based Management (SPBM)
- D. vSphere Storage DRS

**Answer: C**

**Question: 83**

What is the maximum supported number of virtual machines that can be deployed per ESXi host in vSphere 7.x?

- A. 4096
- B. 1024
- C. 2048
- D. 512

**Answer: D**

**Question: 84**

Which vSphere feature provides the ability to manage and monitor virtual machine network traffic?

- A. vSphere Distributed Switch (VDS)
- B. vSphere High Availability (HA)
- C. vSphere Storage DRS
- D. vSphere Network I/O Control

**Answer: D**



# SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version is up to date and contains actual questions and answers.***

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