

Question # 1 of 3 (Start time: 03:11:22 PM, 09 May 2024)

Total Marks: 1

Which component of VMware vSphere allows multiple virtual machines to run on a single physical server?

Select the correct option

[Reload Math Equations](#)

vCenter



ESXi



Virtual Machine Monitor (VMM)



vMotion


[Click to Save Answer & Move to Next Question](#)

Question # 2 of 3 (Start time: 03:11:45 PM, 09 May 2024)

Total Marks: 1

Which virtualization tool is widely used in enterprise environments and offers advanced features such as high availability and distributed resource management?

Select the correct option

 Reload Math Equations



Xen



Hyper-V



VMware vSphere



KVM

Click to Save Answer & Move to Next Question

Question # 3 of 3 (Start time: 03:12:20 PM, 09 May 2024)

Total Marks: 1

Which virtualization tool provides a Type-2 hypervisor that runs on top of an existing operating system?

Select the correct option

[Reload Math Equations](#)

KVM



VirtualBox



VMware vSphere



Hyper-V

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 10 (Start time: 11:40:54 AM, 20 May 2024)

Total Marks: 1

Which type of hypervisor is more suitable for non-resource-intensive applications where high performance is not a critical requirement?

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|--------|
| <input type="radio"/> | Type 3 |
| <input checked="" type="radio"/> | Type 2 |
| <input type="radio"/> | Type 1 |
| <input type="radio"/> | Type 4 |

[Click to Save Answer & Move to Next Question](#)

Question # 2 of 10 (Start time: 11:41:51 AM, 20 May 2024)

Total Marks: 1

Which component of VMware vSphere allows multiple virtual machines to run on a single physical server?

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|-------------------------------|
| <input type="radio"/> | vMotion |
| <input type="radio"/> | Virtual Machine Monitor (VMM) |
| <input type="radio"/> | vCenter |
| <input checked="" type="radio"/> | ESXi |

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 10 (Start time: 11:42:52 AM, 20 May 2024)

Total Marks: 1

Which architectural component of a Virtual Data Center enables the migration of virtual machines between physical hosts without service interruption?

Select the correct option

[Reload Math Equations](#)

Virtual Switch



Hypervisor



Live Migration Manager



Load Balancer

Question # 4 of 10 (Start time: 11:44:01 AM, 20 May 2024)

Total Marks: 1

Which hypervisor is known to prioritize performance-critical workloads over security?

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Oracle VirtualBox |
| <input type="radio"/> | Microsoft Hyper-V |
| <input type="radio"/> | Citrix XenServer |
| <input checked="" type="radio"/> | VMware vSphere |


[Click to Save Answer & Move to Next Question](#)

Question # 5 of 10 (Start time: 11:45:15 AM, 20 May 2024)

Total Marks: 1

What does vCPU stand for in the context of a virtual data center?

Select the correct option

 Reload Math Equations



Virtual Central Processing Unit



Virtual Compute Processing Unit



Virtual Control Processing Unit



Virtual Core Processing Unit

Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 11:45:53 AM, 20 May 2024)

Total Marks: 1

Which feature allows multiple virtual machines to access a shared storage system concurrently while maintaining data integrity?

Select the correct option

[Reload Math Equations](#)

Network-attached storage (NAS)



Storage area network (SAN)



Storage virtualization



Distributed file system

[Click to Save Answer & Move to Next Question](#)

Question # 7 of 10 (Start time: 11:46:41 AM, 20 May 2024)

Total Marks: 1

What is a virtual machine (VM)?

Select the correct option

[Reload Math Equations](#)

- A physical server in a virtualized environment
- A virtual storage device used for data backup.
- A network device that connects virtual machines to the internet
- A software program that emulates a physical computer system

[Click to Save Answer & Move to Next Question](#)

Question # 8 of 10 (Start time: 11:47:25 AM, 20 May 2024)

Total Marks: 1

Among the hypervisor options, which one is more prone to attacks targeting vulnerabilities in the underlying host operating system?

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Citrix XenServer |
| <input type="radio"/> | Microsoft Hyper-V |
| <input checked="" type="radio"/> | Oracle VirtualBox |
| <input type="radio"/> | VMware vSphere |

[Click to Save Answer & Move to Next Question](#)

Question # 9 of 10 (Start time: 11:48:38 AM, 20 May 2024)

Total Marks: 1

Which virtualization technology is most commonly associated with containerization?

Select the correct option

[Reload Math Equations](#)

Hyper-V



Docker



ESXi



KVM

[Click to Save Answer & Move to Next Question](#)

Question # 10 of 10 (Start time: 11:49:34 AM, 20 May 2024)

Total Marks: 1

Which hypervisor type is commonly used for personal desktop virtualization and software testing?

Select the correct option

[Reload Math Equations](#)

Type 3



Type 1



Type 2



Type 4

[Click to Save Answer & Move to Next Question](#)

Question # 1 of 3 (Start time: 11:36:05 AM, 23 May 2024)

Total Marks: 1

What is the primary advantage of a Type 2 Hypervisor?

Select the correct option

[Reload Math Equations](#) It enables direct access to the physical hardware, resulting in faster I/O operations. It offers enhanced security features and isolation between virtual machines It allows for easier installation and management since it runs within the host operating system It provides better performance and resource utilization compared to a Type 1 Hypervisor.[Click to Save Answer & Move to Next Question](#)

Question # 2 of 3 (Start time: 11:37:20 AM, 23 May 2024)

Total Marks: 1

What is the main advantage of using a Type-2 hypervisor?

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|---|
| <input type="radio"/> | Lower cost compared to Type-1 hypervisors |
| <input type="radio"/> | Enhanced security and isolation between virtual machines |
| <input type="radio"/> | Flexibility to run multiple operating systems on a single machine |
| <input checked="" type="radio"/> | Higher performance for resource-intensive workloads |

[Click to Save Answer & Move to Next Question](#)

Question # 3 of 3 (Start time: 11:37:38 AM, 23 May 2024)

Total Marks: 1

What is the typical deployment scenario for Type-2 hypervisors?

Select the correct option

[Reload Math Equations](#)

- | | |
|----------------------------------|---|
| <input checked="" type="radio"/> | Developer workstations and test environments |
| <input type="radio"/> | Data centers with large-scale virtualization clusters |
| <input type="radio"/> | High-traffic web servers and database servers |
| <input type="radio"/> | Public cloud infrastructure services |

[Click to Save Answer & Move to Next Question](#)

Question # 5 of 10 (Start time: 10:44:43 PM, 06 May 2024)

Which type of organization offers data center services such as colocation, hosting, or cloud services?

Select the correct option

- | | |
|----------------------------------|-------------------------------|
| <input checked="" type="radio"/> | Data Center Service Providers |
| <input type="radio"/> | Advertising Agencies |
| <input type="radio"/> | Hospitals |
| <input type="radio"/> | Law Firms |

Question # 2 of 3 (Start time: 10:49:30 PM, 01 May 2024)

What is the primary advantage of a Hardware-Defined Data Center (HDDC)?

Select the correct option



Simplified management and reduced complexity



Enhanced scalability and flexibility



Lower hardware costs



Higher performance and lower latency

Question # 7 of 10 (**Start time: 09:50:15 PM, 20 May 2024**)

Which hypervisor type is commonly used for personal desktop virtualization and software testing?

Select the correct option



Type 4



Type 1



Type 3



Type 2



Click

Question # 2 of 3 (Start time: 06:11:07 PM, 09 May 2024)

Which of the following is a popular open-source virtualization tool?

Select the correct option

<input type="radio"/>	VMware vSphere
<input type="radio"/>	Hyper-V
<input type="radio"/>	VirtualBox
<input checked="" type="radio"/>	Xen

Question # 3 of 3 (Start time: 08:36:33 PM, 16 May 2024)

Which type of hypervisor is more susceptible to security risks due to its dependency on the host operating system?

Select the correct option



Type 1

Type 2


Type 3

Type 4

Question # 3 of 3 (Start time: 12:03:09 PM, 02 May 2024)

What is the benefit of using virtual hard disks in a virtual data center?

Select the correct option

- | | | |
|-----------------------|--|---|
| <input type="radio"/> | Reduced hardware costs and better resource utilization |  |
| <input type="radio"/> | Increased physical storage capacity and faster data access | |
| <input type="radio"/> | Enhanced data security and encryption capabilities | |
| <input type="radio"/> | Improved network connectivity and lower latency | |

Question # 6 of 10 (**Start time: 09:49:14 PM, 20 May 2024**)

How are vCPUs allocated to virtual machines in a virtual data center?

Select the correct option



vCPUs are only allocated to high-priority virtual machines.



vCPUs are shared among all virtual machines in the data center.



Each virtual machine is assigned a fixed number of vCPUs.



vCPUs are dynamically allocated based on the workload of each virtual machine.

Question # 1 of 3 (Start time: 06:09:42 PM, 09 May 2024)

Which virtualization technology is most commonly associated with containerization?

Select the correct option

<input type="radio"/>	KVM
<input type="radio"/>	ESXI
<input type="radio"/>	Hyper-V
<input checked="" type="radio"/>	Docker

Question # 1 of 10 (Start time: 09:43:22 PM, 20 May 2024)

Which hypervisor is known to prioritize performance-critical workloads over security?

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Oracle VirtualBox |
| <input checked="" type="radio"/> | VMware vSphere |
| <input type="radio"/> | Microsoft Hyper-V |
| <input type="radio"/> | Citrix XenServer |

Question # 1 of 3 (Start time: 12:00:17 PM, 02 May 2024)

How are vCPUs allocated to virtual machines in a virtual data center?

Select the correct option



Each virtual machine is assigned a fixed number of vCPUs.



vCPUs are dynamically allocated based on the workload of each virtual machine.



vCPUs are shared among all virtual machines in the data center.



vCPUs are only allocated to high-priority virtual machines.

Question # 5 of 10 (**start time: 09:47:38 PM, 20 May 2024**)

What is VMware vSphere?

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | An operating system for virtual machines |
| <input checked="" type="radio"/> | A management platform for virtualization infrastructure |
| <input type="radio"/> | A networking protocol for virtual machine communication |
| <input type="radio"/> | A hypervisor for server virtualization. |

Question # 3 of 10 (Start time: 09:46:30 PM, 20 May 2024)

Total Marks: 1

Which architectural component of a Virtual Data Center enables the migration of virtual machines between physical hosts without service interruption?

Select the correct option

[Reload Math Equations](#)

Load Balancer



Virtual Switch



Hypervisor



Live Migration Manager

Question # 4 of 10 (Start time: 09:47:20 PM, 20 May 2024)

Which virtualization tool provides a Type-2 hypervisor that runs on top of an existing operating system?

Select the correct option

<input type="radio"/>	VMware vSphere
<input checked="" type="radio"/>	VirtualBox
<input type="radio"/>	KVM
<input type="radio"/>	Hyper-V

CS505P - Virtual Systems and Services (Practical) (Lab Quiz No. 7(Non-graded))

Question # 1 of 3 (Start time: 01:10:49 PM, 23 May 2024)

What is the main advantage of using a Type-2 hypervisor?

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | Enhanced security and isolation between virtual machines |
| <input type="radio"/> | Lower cost compared to Type-1 hypervisors |
| <input type="radio"/> | Flexibility to run multiple operating systems on a single machine |
| <input checked="" type="radio"/> | Higher performance for resource-intensive workloads |

CS505P - Virtual Systems and Services (Practical) (Lab Quiz No. 3(Non-graded))

Question # 1 of 3 (Start time: 10:47:35 PM, 01 May 2024)

Which component of an SDDC is responsible for managing and orchestrating virtual machines?

Select the correct option

- | | |
|-----------------------|--|
| <input type="radio"/> | Hypervisor |
| <input type="radio"/> | Software-Defined Storage (SDS) |
| <input type="radio"/> | Virtual Machine Manager (VMM)  |
| <input type="radio"/> | Software-Defined Networking (SDN) |

Question # 1 of 3 (Start time: 08:34:20 PM, 16 May 2024)

Which hypervisor type is commonly used for personal desktop virtualization and software testing?

Select the correct option



Type 2



Type 4



Type 1



Type 3

Question # 6 of 10 (**Start time: 10:46:14 PM, 06 May 2024**)

What is the primary advantage of a Hardware-Defined Data Center (HDDC)?

Select the correct option

- | | |
|-----------------------|--|
| <input type="radio"/> | Higher performance and lower latency |
| <input type="radio"/> | Lower hardware costs |
| <input type="radio"/> | Simplified management and reduced complexity |
| <input type="radio"/> | Enhanced scalability and flexibility |
- 

Question # 3 of 3 (Start time: 10:50:38 PM, 01 May 2024)

Which company designs its own custom servers and data centers as part of its infrastructure strategy?

Select the correct option



TikTok



Facebook



Airbnb



Spotify

Question # 2 of 10 (**Start time: 09:45:05 PM, 20 May 2024**)

What is the benefit of using virtual hard disks in a virtual data center?

Select the correct option

<input type="radio"/>	Reduced hardware costs and better resource utilization
<input type="radio"/>	Improved network connectivity and lower latency
<input type="radio"/>	Enhanced data security and encryption capabilities
<input checked="" type="radio"/>	Increased physical storage capacity and faster data access

Question # 3 of 3 (start time: 06:12:17 PM, 09 May 2024)

Total Marks: 1

Which virtualization tool is widely used in enterprise environments and offers advanced features such as high availability and distributed resource management?

Select the correct option

 Reload Math Equations



Xen



VMware vSphere



Hyper-V



KVM

Question # 2 of 3 (Start time: 08:34:44 PM, 16 May 2024)

Which hypervisor is known to prioritize performance-critical workloads over security?

Select the correct option

- | | |
|----------------------------------|-------------------|
| <input type="radio"/> | Oracle VirtualBox |
| <input type="radio"/> | Citrix XenServer |
| <input type="radio"/> | Microsoft Hyper-V |
| <input checked="" type="radio"/> | VMware vSphere |

Question # 10 of 10 (**Start time: 09:54:39 PM, 20 May 2024**)

Which of the following is a popular open-source virtualization tool?


Select the correct option

<input type="radio"/>	VirtualBox
<input type="radio"/>	Hyper-V
<input type="radio"/>	VMware vSphere
<input checked="" type="radio"/>	Xen

Question # 8 of 10 (**start time: 10:48:54 PM, 06 May 2024**)

Which technology provides the solution of Application level virtualization?

Select the correct option

<input type="radio"/>	Microsoft Azure
<input type="radio"/>	Microsoft App-v 
<input type="radio"/>	Docker
<input type="radio"/>	Google Cloud Platform

CS505P - Virtual Systems and Services (Practical) (Lab Quiz No. 7(Non-graded))

Question # 1 of 3 (Start time: 01:10:49 PM, 23 May 2024)

What is the main advantage of using a Type-2 hypervisor?

Select the correct option

- | | |
|----------------------------------|---|
| <input type="radio"/> | Enhanced security and isolation between virtual machines |
| <input type="radio"/> | Lower cost compared to Type-1 hypervisors |
| <input type="radio"/> | Flexibility to run multiple operating systems on a single machine |
| <input checked="" type="radio"/> | Higher performance for resource-intensive workloads |