قائمة الاسئلة

امتحان نهاية الفصل الدراسي الثاني – للعام الجامعي 1446 هـ – الموافق- 2025/2024م-كلية الحاسوب وتكنولوجيا المعلومات :: إدارة وصيا

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1) A desirable property of a system, a network, or a process, which indicates its ability to either handle growing amounts of work in a graceful manner or to be readily enlarged
   1) - elasticity
   2) - reliability
   3) - availability
   4) + scalability

2) Managing by responding to situations when they happen
   1) - Preventative management
   2) + Fire-Fighting

3) The degree to which a system, subsystem, or equipment is in a specified operable and committable state at the start of a mission, when the mission is called for at an unknown time.
   1) - scalability
   2) - elasticity
   3) + availability
   4) - reliability

4) Systems administrator Responsible for:
   1) - Design, install, and support an organization's computer systems.
   2) - Manage or supervise the execution and use of a system
   3) - Monitor networks to ensure their availability to users.
   4) + All of the above

5) Microcomputer users, or clients, share services of a centralized computer called a server.
   1) + Client/Server Model
   2) - Peer-to-Peer Model

6) sits on the bare metal computer hardware like the CPU, memory, etc
   1) - Type 2 hypervisor
   2) + Type 1 hypervisor

7) Do not run over the bare metal hardware but they run over a host operating system.
   1) + Type 2 hypervisor
   2) - Type 1 hypervisor

8) ....is a contract between a network service provider and a customer that specifies, usually in measurable terms (QoS), what services the network service provider will furnish
   1) - ALS
   2) - LAS
   3) - SAL
   4) + SLA

9) ……….…..... is the management software for containers
   1) + Docker
   2) - Containers

10) Virtual hard disk formats:
    1) - Fixed-size
    2) - Dynamically expanding
    3) - Pass-through
    4) - All of the above
    5) + None of the above

11) ……….……………..is administered remotely and optimized for hosting in private clouds and datacenters, and for running applications that are developed by using cloud application patterns.

1)   -   Server Core
2)   +   Nano Server

12) …......is the ability to access services using any devices, anywhere, continuously with mobility support and dynamic adaptation to resource variations
1)   +   Service portability
2)   -   Service accessibility

13) The capability provided to the consumer is to deploy onto the cloud infrastructure consumer-created or acquired applications created using programming languages and tools supported by the provider
1)   -   IaaS
2)   -   SaaS
3)   -   XaaS
4)   +   PaaS

14) The consumer does not manage or control the underlying cloud infrastructure including network, servers, operating systems, storage, or even individual application capabilities, with the possible exception of limited user-specific application configuration settings.
1)   -   IaaS
2)   -   XaaS
3)   +   SaaS
4)   -   PaaS

15) Benefits of containers:
1)   -   Faster startup and restarts
2)   -   High deployment density
3)   +   All of the above
4)   -   None of the above

16) ………………represents the system component that interacts with the virtualization layer rather than with the host.
1)   -   Host
2)   +   Guest
3)   -   virtualization layer
4)   -   hypervisor

17) Use ………………. noun to manage the cluster
1)   -   NlbClusterNode
2)   +   NlbCluster

18) Use ……………..noun to manage individual nodes
1)   -   NlbCluster
2)   +   NlbClusterNode

19) A node misses ………. consecutive heartbeats, at which time it is automatically removed from an NLB cluster
1)   +   5
2)   -   15
3)   -   1
4)   -   25

20) …………………….responsible for recreating the same or a different environment where the guest will operate.
1)   -   hypervisor
2)   -   Host
3)   -   Guest
4)   +   virtualization layer

21) NLB clusters can have up to ……….. nodes

1)   -   23
2)   -   35
3)   +   32
4)   -   53

22) …………..is a group of independent computers that work together to increase the availability of applications and services.
   1)   -   A cluster
   2)   +   A failover cluster

23) ……..is a group of computers and storage devices that work together as a single organized system.
   1)   +   A cluster
   2)   -   A failover cluster

24) If one of the cluster nodes fails, another node begins to provide service. This process is known as ………
   1)   -   A failover cluster
   2)   -   A cluster
   3)   +   Failover
   4)   -   Nodes

25) Physical cables and software connect the clustered servers, known as ………….
   1)   -   Failover
   2)   +   Nodes
   3)   -   A failover cluster
   4)   -   A cluster

26) ………………………...is a cluster that has been extended so that different nodes in the same cluster reside in separate physical locations.
   1)   -   A failover cluster
   2)   +   A stretch cluster
   3)   -   Failover
   4)   -   A cluster

27) A …........file can be as large as 64 TB.
   1)   +   .vhdx
   2)   -   .vhd

28) Server Core is:
   1)   -   A more security-enhanced, less resource-intensive installation option than the Desktop Experience installation
   2)   -   An installation that cannot be converted to a full graphical shell version of Windows Server 2016
   3)   -   Managed locally by using Windows PowerShell and other standard tools.
   4)   +   All of the above

29) ………… is a scripting language and command-line interface that is designed to assist you in performing day-to-day administrative tasks.
   1)   -   Scripting PowerShell.
   2)   -   Interface PowerShell.
   3)   -   Language PowerShell.
   4)   +   Windows PowerShell

30) ………..minimal server installation of either Standard or Datacenter edition
   1)   -   Datacenter edition
   2)   -   Standard edition
   3)   -   Windows Server
   4)   +   Nano Server

31) Every network today has some form of software to manage its resources.

1)   **+**   TRUE.
2)   -   FALSE.

32) Virtualization is a large umbrella of technologies and concepts that are meant to provide an abstract environment (virtual hardware or operating system) to run applications.
    1)   **+**   TRUE.
    2)   -   FALSE.

33) Hyper-V allows you to move virtual machines between physical Hyper-V nodes with shut down the virtual machines.
    1)   -   TRUE.
    2)   **+**   FALSE.

34) NLB cluster heartbeats transmit every 5 second between nodes in a cluster.
    1)   -   TRUE.
    2)   **+**   FALSE.

35) High availability for an IT solution describes components and technologies that need to be redundant so that the solution continues to work in a case of failure of any of the solution's components.
    1)   **+**   TRUE.
    2)   -   FALSE.

36) In a cluster, the component computers communicate with each other over a Low-performance, unreliable network.
    1)   -   TRUE.
    2)   **+**   FALSE.

37) When a cluster node is in a failed state, it is removed from the cluster, and the hosts in the cluster do not direct new traffic to the node.
    1)   **+**   TRUE.
    2)   -   FALSE.

38) In asynchronous replication, the host receives a write complete response from the primary storage after the data is written successfully to both storage locations
    1)   -   TRUE.
    2)   **+**   FALSE.

39) Network Load Balancing (NLB) is a feature available to computers that run the Windows Server operating system.
    1)   **+**   TRUE.
    2)   -   FALSE.

40) In synchronous replication, the host receives a write complete response from the primary storage after the data is written successfully on the primary storage
    1)   -   TRUE.
    2)   **+**   FALSE.