

Quiz: Network Services

Question 1:

Google's GSuite (now called Google Workspace) is an example of which Cloud service?

Software as a Service (SaaS)

Platform as a Service (PaaS)

Directory as a Service (DaaS)

Infrastructure as a Service (IaaS)

Question 2:

Which of the following are cons that come from using a Cloud Service? Select all that apply.

The need to depend on a provider for service

Having to purchase expensive networking hardware

A simplified user interface

Recurring cost

Question 3:

Which of the following is a benefit of virtualization compared to using dedicated hardware?

User experience

Performance

Security

Maintenance

Question 4:

The boss at your company wants a way to block certain websites from employees. As the sole IT professional at the company, what can you set up to help with this request?

FTP

DNS

An Intranet

A Proxy server

Question 5:

What is a type of tool a client could use to access a server and transfer files?

IaaS

A server operating system

A DNS server

An FTP Client

Question 6:

If we want to access files located in a directory on a remote server, which of the following options should we use?

VNC client

NTP server

FTP client

DNS server

Question 7:

You want to access the CLI (command line interface) of a Linux terminal at work from your Apple laptop at home. You have the proper client installed on your laptop. What needs to be installed on the remote Linux machine?

WinRM

RDP

PuTTY

OpenSSH

Question 8:

When you make a DNS query, where does your computer first check to find an IP address to name mapping?

Your local machine

Top-level domains

ISP DNS servers

Root servers

Question 9:

If you want to integrate your DHCP server with DNS, which of the following information will you need to configure DHCP? Select all that apply.

The Gateway you should assign

A domain name

The address of your local DNS servers

The subnet mask that gets used

Question 10:

A network technician sets up an internal DNS server for a local network. When the technician types in a URL, which is checked first?

External ISP DNS servers

Local DNS servers

External public DNS servers

The local host file

Question 11:

Which service gives access to pre-configured virtual machines that can be used like physical servers?

DaaS

SaaS

PaaS

IaaS

Question 12:

What type of cloud service allows app developers to build code, store information in a database and serve their applications from a single place?

PaaS (Platform as a Service)

DaaS (Directory as a Service)

IaaS (Infrastructure as a Service)

SaaS (Software as a Service)

Question 13:

Which of the following is a potential negative (con) of virtualization compared to using dedicated hardware?

Performance

Points of failure

Maintenance

Cost

Question 14:

Which of the following are typically included with server operating systems to help optimize server functionality? Select all that apply.

More RAM capacity

A simplified user interface

Added security

Allow more network connections

Question 15:

Which of the following is a simple transfer protocol often used to host installation files?

DHCP

SFTP

TFTP

FTP

Question 16:

A sysadmin wants to use preboot execution over a network. Which type of server will the sysadmin likely use to administer operating system installation files?

A DNS server

An FTP server

An SFTP server

A TFTP server

Question 17:

PuTTY in Windows is similar to which Linux tool?

Virtualization

RDP

SSH

CLI

Question 18:

A network technician is unable to resolve a domain name. What is the first step the technician should take to troubleshoot the problem?

Restart the browser

Check that the network connection is working

Verify that the DNS server is giving a correct address

Reconfigure the local host file