**Software and Platform Services**

**LATEST SUBMISSION GRADE**

100%

1.Question 1

Question

**You want to be super private with your email. You'd like to be able to download your email to a single device, then remove it from your email server. What email protocol can you use to do that?**HTTPPOP3IMAPSMTP

**Ans:2**

**Correct**

Yep! POP3 is used to download email to a single device.

2.Question 2

Question

**You're the sole IT employee at your company. Most of the computers in your fleet are Windows machines. Your boss wants you to set up a network file storage. What file service should you use?**Samba serverNFS serverHTTP serverDatabase server

**Ans:1**

**Correct**

Right on! While NFS servers can be used for shared network storage, they have interoperability issues with Windows. So, a better Windows alternative, like Samba, is your best bet.

3.Question 3

Question

**True or false: You can purchase a domain name localhost.**TrueFalse

**Ans:2**

**Correct**

Well done! Localhost is a reserved name, meant to point to your local machine.

4.Question 4

Question

**Company A is setting up a network of mostly Windows machines. Which networking file system protocol would you recommend for maximum interoperability?**ext4NFSSMB using SambaFat32

**Ans:3**

**Correct**

Woohoo! The only reason you might want to consider SMB using Samba over NFS is because it works better with Windows operating systems.

5.Question 5

Question

**Company B is setting up commercial printing services on their network. Which of these are advantages of centrally managed commercial printers? Check all that apply.**

Printers can be managed one at a time.

Physically distant printers can be more easily managed.

**Correct**

Awesome! When you can manage printers from a central location, it doesn't matter how far apart they are. Convenient, huh?

It provides a central interface to collect diagnostic reports, such as low toner levels.

**Correct**

Awesome! In a commercial environment, you’ll probably be running commercial printers that also can report diagnostics information, like low toner levels.

It allows the ability to deploy printer driver software so that your users can print from their computers.

**Correct**

Awesome! You need to be able to deploy printer driver software so that your users can print from their computers.

**Ans:2,3,4**

**Correct**

Great, you got all the right answers.

6.Question 6

Question

**An employee sets up Apache HTTP Server. He types 127.0.0.1 in the browser to check that the content is there. What is the next step in the setup process?**Assign a static IP address.Set up DNS so the server can be accessed through the Internet.Install CUPS.Nothing. The web server is good to go.

**Ans:2**

**Correct**

Woohoo! Before the web content can be accessed over the Internet, DNS needs to be set up so the address can be accessed with a URL.

7.Question 7

Question

**What is the main function of a database system?**Databases allow us to store, query, filter, and manage large amounts of data.A database is a physical server that stores web files and the HTTP server software.Databases store and retrieve files over a network.Databases are a way of securing communication between a web server and client.

**Ans:1**

**Correct**

Right on! Customer information, like news articles, videos, large amounts of text, images, or audio files, generally get stored in a database. This is the most secure and efficient way to manage large amounts of data.

1.Question 1

Question

**You want to be super private with your email. You'd like to be able to download your email to a single device, then remove it from your email server. What email protocol can you use to do that?**HTTPPOP3IMAPSMTP

**Ans:2**

**Correct**

Yep! POP3 is used to download email to a single device.

2.Question 2

Question

**What type of DNS record is used for email servers?**AAAAAMXCNAME

**Ans:3**

**Correct**

Wohoo! MX, or mail exchange, records are used for email.

3.Question 3

Question

**Which email protocol is capable of sending emails?**SMTPIMAPPOP3MX DNS

**Ans:1**

**Correct**

Well done! Believe it or not, SMTP, which stands for Simple Mail Transfer Protocol, is the only one of the email protocols that actually sends emails.

4.Question 4

Question

**Which file system protocols are intended for network use? Check all that apply.**

Fat32

Samba

**This should not be selected**

Not quite. Please review the videos in the "What Are File Services?" module for a refresher.

NFS

**Correct**

Great work! NFS literally stands for Network File System. NFS works best with Windows.

SMB

**Correct**

Great work! SMB, which stands for Server Message Block, is a networking file system with good Windows interoperability.

5.Question 5

Question

**Apache is an example of what type of software?**File transfer protocol (FTP) softwareWeb (HTTP) server softwareWeb browserAntivirus software

**Ans:2**

**Correct**

Right on! A web server stores and serves content to clients through the Internet. The most widely used web server software is the Apache HTTP Server, most commonly referred to as Apache.

6.Question 6

Question

**Which statements are true about setting up a web server? Check all that apply.**

Apache is the most used web server on the Web.

**Correct**

You got it! Apache serves the largest portion of Web servers on the Internet globally.

DNS needs to be set up to allow outside access to the server via the Internet.

**Correct**

You got it! Since this content is hosted on our local machine, we’ll need to use DNS to let the world know that our web server exists!

Web server setup does not require DNS.

Web content is stored on the server's localhost.

**Correct**

You got it! To upload our own web content, we can just navigate to the localhost directory and fill it with our web content.

**Ans:1,2,4**

**Correct**

Great, you got all the right answers.

7.Question 7

Question

**HTTP status codes are codes or numbers that indicate some sort of error or info message that occurred when trying to access a web resource. When a website is having issues on the server side, what number does the HTTP status code start with?**4xx5xx6xx2xx

**Ans:2**

1.Question 1

Question

**Let's say that you're the sole IT employee at your company. Your boss wants the company to migrate away from using the current, paid-for chat application and use something free, insead. What options could you use? Check all that apply.**

IRC

**Correct**

Excellent! Free chat alternatives, like IRC and open IM chat applications, are widely used in businesses today.

Open IM Chat applications, like Pidgin or Adium

**Correct**

Excellent! Free chat alternatives, like IRC and open IM chat applications, are widely used in businesses today.

Emails

HTTP

**This should not be selected**

Not quite. Please refer back to Lesson 1 on Configuring Communication Services for a refresher.

**Ans:1,2**

**You're the sole IT employee at your company. Most of the computers in your fleet are Windows machines. Your boss wants you to set up a network file storage. What file service should you use?**Samba serverNFS serverHTTP serverDatabase server

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**Which email protocol is capable of sending emails?**POP3MX DNSSMTPIMAP

**Ans:3**

**Correct**

Well done! Believe it or not, SMTP, which stands for Simple Mail Transfer Protocol, is the only one of the email protocols that actually sends emails.

4.Question 4

Question

**Company A is setting up a network of mostly Windows machines. Which networking file system protocol would you recommend for maximum interoperability?**NFSFat32ext4SMB using Samba

**Ans:4**

5.Question 5

Question

**Apache is an example of what type of software?**Antivirus softwareFile transfer protocol (FTP) softwareWeb (HTTP) server softwareWeb browser

**Ans:3**

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Right on! A web server stores and serves content to clients through the Internet. The most widely used web server software is the Apache HTTP Server, most commonly referred to as Apache.

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**1 / 1 point**

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