Creative Design/System Administration

Units 13 &14


Think about the words/vocabulary related to today’s topic

Let’s discuss!

01

How can people get involved in web design?

02

How do you know that you can trust a website with personal information?

Let’s boost vocabulary!

https://quizlet.com/_chl7ob?x=1qqt&i=3fju7z

Creating a website can seem like a daunting task. Where do you start? Whether you're building a site for business or creating a **blog** for friends and family to enjoy, we can help you!

For Businesses

We can create a **web portal** for employees or customers to log in to. We build and maintain **root directories.**

Create **keywords** so that your site shows up on multiple search engines. We **mask** credit card numbers and customer information to ensure secure **interface**. We allow customers to use **natural language** to navigate and search your site.

We assure that you are in **PCI compliance**, and can place a **trust logo** on your site so your customers know it!

For Personal Sites

We install **egress** and **ingress** filters to prevent spamming and scamming. We create fun and whimsical **animated GIFs** that add an interactive element to your site.

Already have a website? We can **redesign** your current website to improve the number of hits it receives!

1 What is this webpage mostly about?

A the difficulties of designing a web page

B the importance of securing a website

➡ C what a company can provide to clients

D steps to designing a personal webpage

2 Which is NOT a service the company provides?

A redesigning websites

B installing egress filters

➡ C creating a domain name

D masking personal information

3 What can you infer about ingress and egress filters?

➡ A They increase security.

B They are expensive to install.

C They are interactive features.

D They increase search engine results.

Vocabulary

3 Match the words (1-7) with the definitions (A-G).

1 E animated GIF
2 G PCI compliance
3 B web portal
4 F interface
5 A root directory
6 C natural language
7 D blog

A the main directory of a file system
B a webpage that displays information from several sources
C the use of full phrases in searches
D a personal website
E a moving picture posted on a website
F communication between computers or networks
G upholding certain security standards when accepting credit cards

4 Fill in the blanks with the correct words and phrases from the word bank.

WORD BANK

redesign ingress filter egress filter
keyword trust logo mask

1 A(n) ingress filter prevents people from sending malicious software to you.
2 A(n) trust logo shows that information is safe on a page.
3 Redesign the website so that it's more interesting.
4 Our site shows up when people search the keyword "hardware".
5 A(n) egress filter prevents malicious software from leaving a network.
6 This program will mask people's personal information.



Listening

6 Listen to a conversation between a business owner and a web page designer. Mark the following statements as true (T) or false (F).

1 F The business website is not secure.

2 T The woman did not design the business's webpage.

3 F The man recommends redesigning the ingress filter.

7 Listen again and complete the conversation.

Designer: Mmm. Do you know if you're in 1 _____ _____?

Owner: Yes, and we mask customers' information when they enter it.

Designer: And you have 2 _____ _____ _____ _____?

Owner: We do. I remember the first designer mentioning that.

Designer: Well, that's pretty secure then.

Owner: That's 3 _____ _____ _____, but for some reason, customers don't feel that way.

Designer: I have two suggestions. First, get a 4 _____ _____.

Owner: I've thought about that. But I never knew exactly what to do.

Designer: It's an easy process, really. You pay an annual fee to a company that verifies your PCI compliance. They allow you to use their seal on your site.

Owner: Okay, that sounds good. 5 _____ _____ _____ _____?



System Administration

Let’s talk about these questions!



What businesses need a system administrator?



What kind of problems can a system administration fix?

BELL TOWER
INDUSTRIES

New Job Posting: System Administrator

Bell Tower Industries is seeking a full-time **system administrator** to join our growing company. The system administrator will be responsible for setting up and maintaining Bell Tower's computer system. Main job **duties** will involve:

- **Installing** and maintaining system servers
- **Configuring** and repairing computer hardware and peripherals
- Regular **performance tuning** of networks

This position involves several other duties as well. When it is necessary, the administrator will install patches for our operating systems and software. He or she will also perform weekly backups. These backups prevent critical files and data from becoming lost or damaged. The administrator will also be responsible for regular **file archiving**. In addition, the administrator will regularly **purge** old data to protect client information.

The ideal candidate for this job will be able to think and act quickly. He or she will have experience offering **troubleshooting** help. Candidates must have a degree in a **technical** field. Candidates must also have experience working with **Unix**®. Experience working with additional operating systems is a plus.

Interested applicants can send a **résumé** and **cover letter** to hr@belltower.net.

1 What are the main responsibilities of the advertised position?

A configuring and purging file archives

➡ B organizing and maintaining computer systems

C troubleshooting and backing up damaged files

D researching and improving computer hardware and peripherals

2 Why is information deleted from the system?

A to make room for new data

➡ B to protect clients' data

C to organize system logs

D to repair system servers

3 What is NOT needed to get the job?

A familiarity with a Unix® operating system

B holding a degree in a technical area

C experience offering troubleshooting help

➡ D experience working as a system administrator

3 **Match the words (1-6) with the definitions (A-F).**

1 B technical
2 D purge
3 C Unix®
4 A configure
5 E troubleshooting
6 F cover letter

A to modify or arrange something
B involving science and industry
C a computer operating system
D to delete files or data from a computer
E the process of identifying and fixing technical problems
F a document that explains why a person wants, and is qualified for, a job

4 Write a word that is similar in meaning to the underlined part.

1 With some adjustment to increase efficiency, our network would be faster.
_ e _ _ _ r _ a _ _ _ t _ _ i _ _

2 List all previous jobs on your document showing qualifications.
r _ _ _ m _

3 Lucy is a person who manages a computer system.
s _ _ t e _ _ d _ _ n _ _ t r _ _ o _

4 Get the new software and add it to the system.
_ n _ _ a _ _

5 Organizing computer files in an orderly way is important.
f _ _ e a _ _ h _ v _ _ g

6 Fixing the network is the manager's task to complete.
_ _ t _

Listening

6 Listen to a conversation between two employees at Bell Tower Industries. Mark the following statements as true (T) or false (F).

1 F The company is hiring for two positions.

2 F The former IT employee has a lot of experience with Unix®.

3 T The man wants to hire the recent graduate.

7 Listen again and complete the conversation.

Employee 1: Mary, how many applicants did we get for the 1 _____ _____ position?

Employee 2: Quite a few, but two candidates 2 _____ _____ _____.

Employee 1: Who are they?

Employee 2: A former IT employee and a recent engineering grad.

Employee 1: What are 3 _____ _____ _____ qualifications?

Employee 2: He's very familiar with managing servers and 4 _____. He has almost ten years of IT work experience.

Employee 1: He sounds 5 _____ _____. Does he have any weaknesses?

Employee 2: Only one. He hasn't 6 _____ _____ Unix® at all.

Alternative resources

- Snow fight
- Memory games



Thanks!

Do you have any questions?

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