

DATABASES

Lesson 5



DATA STORAGE AND BACKUP

Activity 1: Write the data storage and backup solutions in the box below pictures a-f.

external hard drive hard disk mp3 player server the Internet
usb flash drive



A _____

B _____

C _____

D _____

E _____

F _____

Activity 2: Read this article about data storage. Complete the sentences with the words in the box.

cloud contents emerging encrypt flash loss magnetic
offsite protect security theft volumes

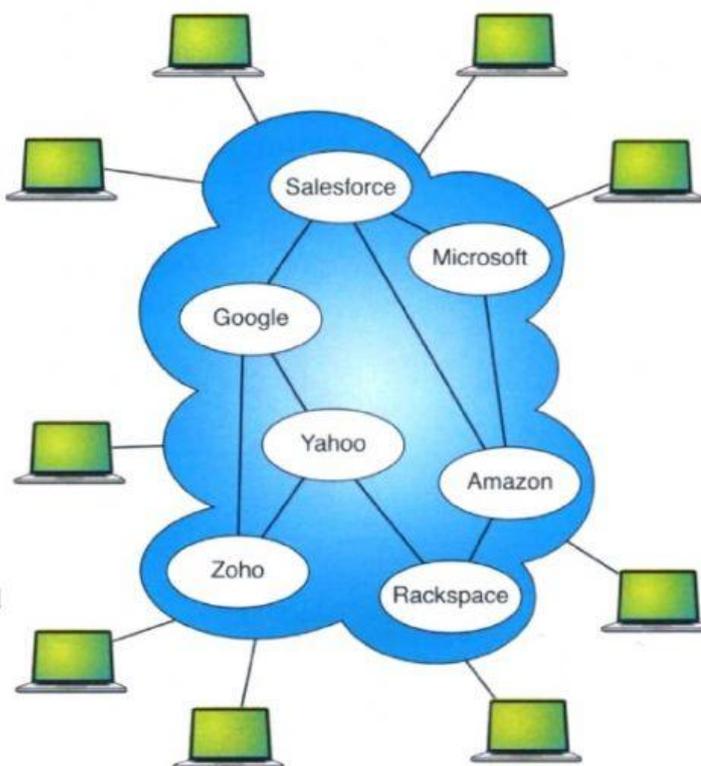
Data storage

Online storage is an (1) *offsite* method of data storage and back-up. A remote server with a network connection and special software backs up files, folders, or the entire (2) _____ of a hard drive. There are many companies that provide a web-based backup.

One (3) _____ technology in this area is (4) _____ computing. This allows colleagues in an organisation to share resources, software and information over the Internet.

Continuous backup and storage on a remote hard drive eliminates the risk of data (5) _____ as a result of fire, flood or (6) _____. Remote data storage and back-up providers (7) _____ the data and set up password protection to ensure maximum (8) _____.

Small businesses and individuals choose to save data in a more traditional way. External drives, disks and (9) _____ tapes are very popular data storage solutions. USB or (10) _____ memories, DVDs and hard disks are cheap and widely accessible solutions. These methods are very practical with small (11) _____ of data storage and backup. However, they are not very reliable and do not (12) _____ the user in case of a disaster.



Activity 3: Reread the text in activity 2 and mark the sentences TRUE or FALSE.

1. Online storage is a new method of data storage and backup. _____
2. Storing data and software applications on the internet is called cloud. _____
3. External drives are very popular and accesible. _____
4. If you have a business, saving data in the traditional way is not recommended. _____
5. To ensure security data is encrypted. _____
6. Not many companies provide a web-based backup. _____

Activity 4: Listen and repeat these phrases.



- 1 emerging technology
- 2 cloud computing
- 3 data storage
- 4 hard drive
- 5 external drives
- 6 backup providers

Activity 5: Look at the use of should/would in this table.

Asking for and giving advice	
We use should/would + infinitive without <i>to</i> to give advice.	<i>I/You/He/She/It/We/They should/shouldn't (should not) ...</i>
	What should I do? You should buy a flash drive. You shouldn't get a server.
	<i>I/You/He/She/It/We/They would/wouldn't (would not) ...</i>
	What would you recommend ? I'd (would) recommend a flash drive. I wouldn't (would not) recommend a server.

Activity 6: Listen to this dialogue. A colleague, Tim, is asking an IT expert, Sandy, what storage device to buy. Mark these statements true (T) or false (F).



- | | |
|-------------------------------------------------------------|-------|
| 1 Tim needs the storage device for work. | T / F |
| 2 Tim wants to backup music and photos. | T / F |
| 3 Sandy recommends an external hard drive. | T / F |
| 4 Tim can spend \$300 on the storage device. | T / F |
| 5 Sandy recommends a storage device with a special feature. | T / F |