

Computing

# Lesson 4: Why Cloud Computing?

**IT and the World of Work**

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# Effective use of cloud computing

## Introduction

Read the following scenarios about the use of cloud computing in different organisations. Each scenario outlines how the organisation uses cloud computing to conduct business interactions with all its stakeholders.

**Stakeholders** are investors, employees, customers, and suppliers.



# Scenario 1

A small home-based business collects items to be ironed and then returns the ironed articles to the clients. The business has a small home office with one desktop computer that's connected to the internet. Cloud computing is used to store the details of current and new clients, which includes name, address, and collection and drop days and times, because the locally stored software the company has is outdated. It is believed that using cloud storage means the data stored is more secure.



# Scenario 1

There are three drivers who carry out the collection and delivery service. They have a small tablet device to track when and where their collections and deliveries take place, using a shared calendar that links to the clients' details. They also use personal mobile devices to contact clients if they are not at home to take collection of a delivery. Although all employees have been trained in the use of secure passwords to protect the data held by the organisation, one of the drivers has trouble remembering hers and frequently leaves herself logged into the business account.

The organisation is situated in a rural community that has infrequent internet access and slow broadband speeds.



# Scenario 2

This company is a growing web solutions organisation that provides services such as web design and cloud-based solutions, payment solutions, graphic design, and printing.

They have a number of office-based staff that arrange the management of the organisation, some in-house employees who deal with clients directly, some who work flexible hours and have been provided with laptops, and some freelance workers who mainly do graphic design work.



## Scenario 2

The organisation uses cloud computing as a means of communication and collaboration between staff and clients, while sensitive data (i.e. personal data and banking details) is stored locally on well-secured servers. Access to this data is limited to those who need to use it, and there are different levels of access. Collaboration channels also have restrictions on those who are allowed to edit or view solutions to client requests.



# Questions

1. How effective is Scenario 1's use of cloud computing?
2. How effective is Scenario 2's use of cloud computing?
3. Which company is using cloud computing in the most effective way?
4. Why do you think this?

