

Homework 2 Cloud storage and  
cloud computing

Name:

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1. AJR is a company that offers computer support for small businesses. Currently their support team work in a central call centre. They use an offline office system for recording notes and company documents.

The company is starting to see high growth and they have decided that all new customer support assistants will be able to work from home.

- (a) AJR has decided to use a cloud based office suite. Explain **three** advantages of using such a system. [6]

Advantage 1:

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Advantage 2:

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Advantage 3:

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- (b) Explain **two** disadvantages of using a cloud based office suite. [4]

Disadvantage 1:

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Disadvantage 2:

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3. An oil company has just experienced a major incident off shore in the USA. Aiden is a consultant who needs to take a plane from London to America to help solve the incident. He will be assisting the company whilst he waits for his flight at the airport. As part of this, he will need to access the internet on his laptop in order to view documents and also to advise the company whilst he waits for a flight.

(a) Aiden wishes to connect his laptop to the internet whilst he waits for a flight. Describe how he can do this. [2]

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(b) On arrival in the USA, Aiden uses a hire car. He needs to make hands free calls from the car.

(i) State what type of network he will set up with the in-car entertainment system. [1]

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(ii) Aiden makes use of Bluetooth to set up this network. Explain one disadvantage of this method. [2]

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(c) Aiden will be staying in a hotel whilst he is in the USA. The hotel offers an open Wi-Fi connection to the internet.

Discuss the security risks of Aiden using this connection and how it could be safely used. [6]

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4. TQ cosmetics is a small start up business that sells relaxing products such as bath bombs, burners and traditional cosmetics. The business will be starting with eight employees and they will be selling their products via the internet. They will be using a converted farm barn as their business premises.

(a) One way they could connect their business to the internet is by a mobile signal. State **two** other types of connection that they could use to connect their business to the internet. [2]

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(b) Unfortunately, due to the rural nature of their business, TQ cosmetics have found that they can only make use of a mobile signal for their connection.

Discuss the advantages and disadvantages of using this method for internet access. [7]

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