**An Ad Hoc Network is** …………………….

……………………………………………

……………………………………………

**There are 3 types**

1 …………………………………

2 …………………………………

3 …………………………………



**Benefits of Ad Hoc networks are:**

………………………………………………

………………………………………………

**Drawbacks of Ad Hoc networks are:**

………………………………………………

………………………………………………

**In developing countries:**

Landline infrastructure is very …………………..
to install

It is relatively ……………. and inexpensive to
set up a single cell ………….. that can connect
multiple villages wirelessly

**Issues affecting Network Availability include:**

1 …………………………………………

2 …………………………………………

3 …………………………………………


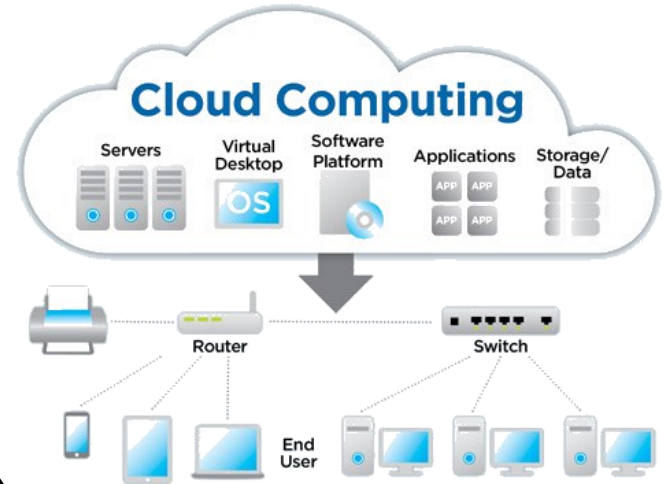**A black spot is** …………………………

………………………………………………

## Learning Aim A1 Modern Technologies

- **Cloud storage is where** ………….. **created and used on one or more computers or devices are stored and managed remotely**
- **The files are stored on the servers and accessed via the** ……………………….
- **When you want to access the media, the data is downloaded or streamed to the device**
- **The media remains in the file on the cloud unless you** ………………… **it**
- **Data on a device can also be uploaded to the cloud**

**CLOUD STORAGE**

**What is cloud computing?**

- Where applications are stored and accessed through the cloud
- Accessed though the internet and run in web browsers



**The difference between cloud storage and cloud computing**

| Cloud …………………….. | Cloud …………………….. |
|---|---|
| ⇒ provides a massive amount of space to store data and files | ⇒ provides access to software, resources and information via a virtual server |
| **Both relies on having a network connection** | |

## Implications for organisations when choosing cloud technologies
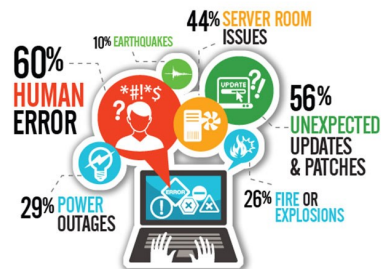


### Security of data
* Cloud providers look after the security of data stored on the cloud – usually they …………………... it
* Cloud providers are experts in data security as a security breach could seriously affect their reputation and business
* Organisations need to be careful what they put in the cloud – especially if it is involves ……………………data
* Files on the cloud are …………………... by the providers – if you accidently delete a file you usually have 3 months to restore it

### Disaster Recovery policies
* A disaster recovery policy is written to set out the actions that will need to take place after a disaster
* Disasters include things like an attack as well as ………………... disasters such as fire, flooding
* Most cloud technology services offer backup services and can be relied up on to:



### Installation and Maintenance
* Getting started with cloud technology is far easier and less time consuming than installing a new server
* Software updates will be installed by the cloud service provider – usually overnight to minimise ………………...
* Fewer IT staff and less expertise are required by organisations

## Cloud Technology Benefits

* Technologies are secure
* Technologies are kept up to ……
* Automatic …………………….
* Less …………….. Staff
* Disruption is ………………..

## Learning Aim A2 Impact of Modern Technologies

## Cloud Technology Drawbacks

* A …………….. Internet connection is required
* May be expensive
* Personal …………. Is stored online
* Devices may be incompatible
* Less …………….. Staff

## Impact of modern technology on organisations and individuals

### World Teams
◊ Email, conference calls, video calls, messaging, online chat etc enables team members to communicate regularly without having to meet
◊ Team members (employees) can be based anywhere in the ……………..
◊ Technology enables …………………... where people with disabilities can participate in teams using ……………… computer equipment
◊ Flexible working is made possible where employees work from ………..and/or have flexible working hours

### Collaboration tools
◊ Cloud software allows people to work together on a single document
◊ Cloud storage enables all users to access files that they need anywhere and anytime

### Scheduling tools
◊ Shared …………………... allow other team members to keep up to date with others schedule and add meetings and events

### Communication Tools
◊ Email, instant messaging, texting and online chat are all communication tools

### Planning Tools
◊ Planning software such as ……………..can be used to plan what each team member is responsible for and how much progress they have made

## Factors to consider when looking at impact of modern technology:

1. •…………………………………………………
2. •…………………………………………………
3. •…………………………………………………
4. •…………………………………………………
5. •…………………………………………………