Activity 1

Complete the table below by using the internet to find out how much free storage each provider offers and how they charge for additional storage.

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| --- | --- | --- | --- |
| **Provider** | **Free storage provided** | **Price** | **Cost per GB/TB** |
| Google Drive | 15 GB | £2.49 (p/m) | 200 GB  2.49/200 = 0.02 per GB p/m |
| OneDrive | 5GB | £1.49  (p/m) | 100 GB  1.49/100 = 0.02 per GB p/m |
| iCloud | 5GB | £2.49 (p/m) | 200 GB  2.49/200 = 0.02 per GB p/m |

Actvity 2

Discuss the advantages and disadvantages of using cloud storage.

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| --- | --- |
| **Advantages** | **Disadvatanges** |
| An additional facility that allows data to be backed up so if the data becomes corrupt on the device its stored then it can be retrieved from the cloud. | You need a reliable conection to access these services. |
| You can access your files anywhere with an internet connection. This is more accessible now with the availability of Wi-Fi and 4G. | You have no direct control over the security of the data, it’s in the hands of the provider. |
| You can share files with other people. | May cause problems with regards to ownership of data, especially in the situation of a data breach which could fall under the Data Protection Act. |
| There is no need to buy additional hardware such as an additional hard drive. |  |

Activity 3

|  |  |
| --- | --- |
| Stadia is a cloud gaming service developed and operated by Google.  Discuss as to whether you think cloud-based gaming will be the future or just a gimmick. Provide reasons to justify your answer. | Google Stadia VP: We've Had Phenomenal Support from Devs & Publishers, Even  Some You Wouldn't Expect |
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Answers will vary but here are some possible responses:

* No need to buy the games console/PC, this can be good for people who can’t afford the one off payment.
* Not as easy to upgrade to the next model if a game has certain system requirements. It would be easier for Google to upgrade the servers at their end.
* Reliant on a good internet connection to produce a good enough frame rate to give the user the best possible experience.
* Could work out more in the long-run, Stadia requires a monthly subscription but you still have to purchase most of the games.
* If a game is purchased through Stadia then they don’t own the game outright, it’s part of the service they’ve bought into.
* Allows users to play anywhere that has a reliable internet connection.