

# Is Your Head in the Cloud?

## Discussion:

A crucial decision that affects the security of your information is where you decide to store your data. Deciding to put your data on a cloud storage system or an external hard drive requires being informed on the substantial tradeoffs that exist between the different systems. Like other topics in cybersecurity, we can apply the **principles of CIA** to each storage method to determine which one is right for our needs.

Fill in the chart based on the principles of CIA:

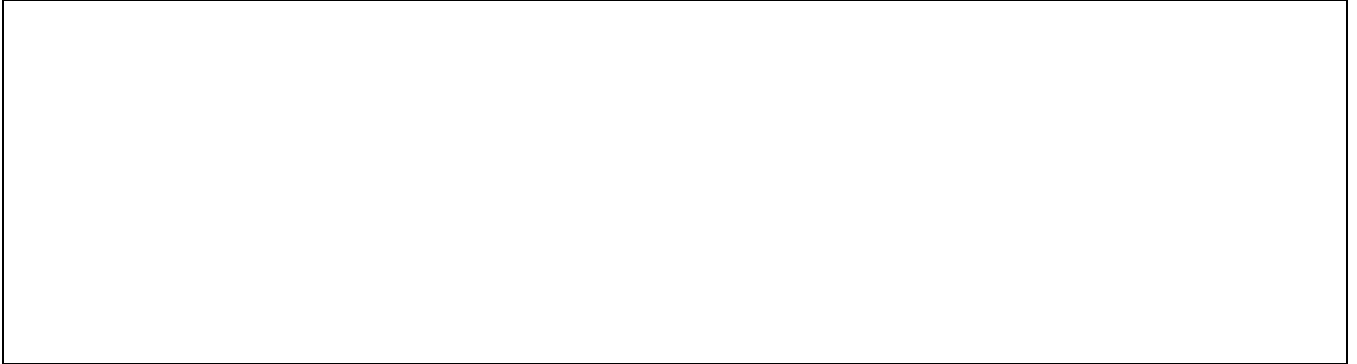
Principle	<i>External Devices (Flash Drive, Hard drive, CDs)</i>	<i>Local Storage (Keeping data on your computer or mobile device)</i>	<i>Cloud Storage (Upload data to shared storage service or NAS system)</i>
<b>C - Confidentiality</b>			
<b>I - Integrity</b>			
<b>A - Accessibility</b>			

## Activity:

Imagine you are a data storage consultant. Given the following scenarios, make a recommendation for which type of storage each client of yours should use based on their needs.

- 1. Your grandmother has a lot of photographs that she just added to her computer. She doesn't want to look at them often, but wants them accessible on occasion.**

- 2. A freelance graphic designer who is constantly on the move needs a way to access their data immediately from their phone and computer.**



- 3. A software company has remote workers that work in different cities around the country and need to share documents with one another.**



- 4. A government agent is working on a sensitive project that needs to be secure and accessible.**

