Cloud computing security

Consider a popular cloud based system (i.e., a well-known system that we also know about) that you are familiar with (e.g. Canvas, eBay, Facebook).

1. Identify three actors (user categories) in the system.
2. Identify three security and/or privacy threats against the system.

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3. For one (or more) of the threats describe the capabilities of an attacker.

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4. Propose a way to protect your data from your attacker by using encryption, authentication and/or integrity checks. Explain your choices.

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5. Identify one advantage and one disadvantages for your chosen method of protecting the data.