

Homework assignment

Firm deadline on 12.03.2018

Assignment 1

- *For each of the following scenarios, describe at each layer(s) of the ISO/OSI model you would add security controls to ensure the security of the scenario. Explain why the layer(s) is/are the appropriate layer(s).*
 1. Authentication (of a user) by Facebook.
 2. Authentication of Facebook to a user (the “lock” picture in a web browser).
 3. Sending the amount of money to transfer to your bank’s e-banking site.
 4. Confidentiality of an employee email sent between business units in different physical locations.
 5. Maintaining the integrity of a Skype call.

Assignment 2

- *Explain the difference between surfing a web site of a company via their VPN and surfing the same website via a proxy hosted by the same company.*