

**Assignment 4 (10%)**  
**Date Given: Apr 09, 2020**  
**Submission Due: Apr 20, 2020 at 11:59 pm (midnight)**  
**\*\* Late submissions are not accepted and will result in a 0 on the assignment**

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**Objective:**

This is a very short assignment, and it covers security concepts related to cloud computing.

**Grading Scheme:**

- Section A: 30%
- Section B: 70%
- Adding citation in IEEE/ACM Format only
- Missing Citation (-5%)

**Academic Integrity:**

- This assignment does not require group work. Therefore, each student is expected to complete their work by themselves. Collaboration of any type amounts to a violation of the academic integrity policy and will be reported to the AIO.
- Do not copy texts verbatim from online or printed materials
- Do not copy texts from other's work
- Do not submit other's work
- If you obtain help from Tutor(s), please acknowledge
- Provide citation for texts, images, tables, data etc.
- The Dalhousie Academic Integrity policy applies to all material submitted as part of this course. Please understand the policy, which is available at: [https://www.dal.ca/dept/university\\_secretariat/academic-integrity.html](https://www.dal.ca/dept/university_secretariat/academic-integrity.html)

**Section A:** Explore AWS Key Management Service (KMS), and create keys. Read the documentation, and write a ½ page summary on your findings. In addition, you need to include screenshots of the KMS with your newly generated keys. Furthermore, provide a brief typewritten explanation on the possibility of including this service (KMS) as part of your group project.

**[Expectations:** A well written summary, which is not plagiarized, well linked, and contains meaningful information with proper citation].

**Section B:** Visit <https://libraries.dal.ca/> and open IEEE database (You need to sign in with NetID and password). Search the following paper.

D. Gonzales, J. M. Kaplan, E. Saltzman, Z. Winkelman and D. Woods, "Cloud-Trust—a Security Assessment Model for Infrastructure as a Service (IaaS) Clouds," in IEEE Transactions on Cloud Computing, vol. 5, no. 3, pp. 523-536, 1 July-Sept. 2017.

- Read the paper thoroughly and capture the essence of the paper. Document your findings (maximum 2 pages).
- Your study must contain the central idea of the paper.
- You should not copy any text verbatim, or copy any images/tables from the paper.
- You may create your own block diagram to highlight a flow or an approach.

**Submission Instruction:**

- PDF file containing all answers, and images/ screenshots.
- Upload the .ZIP file on Brightspace.
- Submission Due: **Apr 20, 2020 at 11:59 pm (midnight)**