

SWE2106: Cloud Computing

Activity-1: *Overview of the cloud, ontology, issues/challenges, solutions.*

Submission: Due date is 9:30am, 03/09/2024

Instructions:

1. Download and keep the following (Feel free to have a test of them)

Team-1:

Dillon, T., Wu, C. and Chang, E., 2010, April. Cloud computing: issues and challenges. In 2010 24th IEEE international conference on advanced information networking and applications (pp. 27-33). IEEE.

Team-2:

Puthal, D., Sahoo, B.P., Mishra, S. and Swain, S., 2015, January. Cloud computing features, issues, and challenges: a big picture. In 2015 International Conference on Computational Intelligence and Networks (pp. 116-123). IEEE.

Team-3:

Rastogi G, Sushil R. Cloud computing implementation: key issues and solutions. In 2015 2nd International Conference on Computing for Sustainable Global Development (INDIACom) 2015 Mar 11 (pp. 320-324). IEEE.

Team-4:

Foster, Y. Zhao, I. Raicu and S. Lu, "Cloud Computing and Grid Computing 360-Degree Compared," 2008 Grid Computing Environments Workshop, Austin, TX, USA, 2008, pp. 1-10, doi: 10.1109/GCE.2008.4738445.

Team-5:

Sajid, M. and Raza, Z., 2013, December. Cloud computing: Issues & challenges. In *International Conference on Cloud, Big Data and Trust* (Vol. 20, No. 13, pp. 13-15)

What is required?

The task requires you to:

1. Make notes for yourself by taking a summary of what each paper says in regards to the cloud definition, issues / challenges
2. Then, later on make a presentation of what you discovered from the reading. It includes these sections: (*Use any template of interest for now*)
 - a) Definition - *will include the various definitions of the cloud and how you think these differ or relate.*
 - b) Issues and challenges affecting the cloud - *will include the gathered issues and challenges with the cloud. Uniquely present them.*
 - c) Our opinion - *Provide your opinion from the summary taken.*
 - d) Summary - *what are the mentioned issues/ challenges? Which one is most mentioned?*
 - e) References - *Include the resources utilized in the presentation.*