

Cloud Security Issues and Log-based Proactive Strategy

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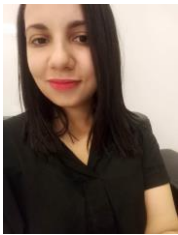
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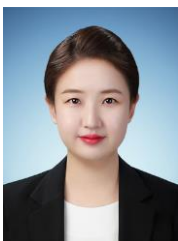
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Abstract— Recently, given the current situation the world is undergoing with the COVID-19 pandemic, a lot of companies encourage remote working from home. As a result, the use of the cloud has increased, but as a consequence, cyberattacks on the cloud systems have escalated. However, organizations and companies still have concerns about the use of the cloud as most of them remain unaware of the security threats against cloud system. This work researches through major concerns of the organizations and companies for cloud security and tries to explain why it is important for the organization to be aware of the threats that the cloud is facing. It also proposes a three-step strategy to help companies and organizations to secure their cloud system.

Keywords—Cloud, Cloud computing, cloud security, Log management



Oumayma Mejri. is a Tunisian citizen. In 2016, Oumayma Mejri has obtained a bachelor degree in Tunisia majoring in Network and services managements from the Higher institute of computer science Tunis Al manar, Tunisia. During the last year at university, she had 4 month internship at Tunisia's leading company in telecommunications, and has finished her internship with a thesis to help the company set up a log management solution. After graduation, she has focused on volunteer work and gaining experience in different fields by doing different internships. In 2018, she obtained a scholarship from the Korean Government for a master's degree in cyber security at Ewha Womans University along with a yearlong Korean language course at Chosun university in Gwangju.



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