Security Risks in Environments of Cloud Computing

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Abstract: *Cloud computing is a model for enabling service user's ubiquitous, convenient and on-demand network access to a shared pool of configurable computing resources. The security for Cloud Computing is emerging area for study and this paper provide security topic in terms of cloud computing based on analysis of Cloud Security treats and Technical Components of Cloud Computing.*

Keywords: Cloud Computing, Security treats, Cloud service user, Cloud service provider

REFERENCES

[1]. Recommendation ITU-T X.1500, "Overview of cyber security".
[2]. Recommendation ITU-T E.409, "Incident organization and security incident handling: Guidelines for telecommunication organizations".
[3]. FG Deliverable (Introduction to the cloud ecosystem: definitions, taxonomies, use cases, high level requirements and capabilities).
[4]. Introduction to Global Inter-Cloud Technology Forum(GICTF) and its Roadmaps(Cloud i-0026).
[5]. OASIS Identity in the Cloud Technical Committee, http://www.oasis-open.org/committees/tc_home /php?wg_abbrev=id-cloud.
[6]. Architecture for Managing Clouds White Paper (DSP-ISO102), http://www.dmtf.org.sites/default/files /standards/documents/DSP-IS0102_1.0.0.pdf.
[7]. Special Publication 800-53, Recommended Security Controls for Federal Information Systems,(20065) December.
[8]. Special Publication 800-125, "Guide to Security for Full Virtualization Technologies".
[9]. Draft Special Publication 800-144, "Guidelines on Security and Privacy in Public Cloud Computing"http://csrc.nist.gov/publications/drafts/800-144/Draft-SP-800-144_cloud-computing.pf.