Proposing SMOCUNM – Security Mechanism for Offline Cloud User at Near line Mode

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Abstract

This paper discussed about different types of offline cloud technologies uses in different types of offline cloud services. Authors designed a new methodology named “SMOCUNM” (Security Mechanism for offline cloud user at near line mode) for implementing the security feature at Near Line mode in offline cloud services. Near Line mode actually provides saved data on system hard drive on on-going basis that cannot be accessed frequently. The motivation to utilize Near Line mode is it provides security on the time of connection re-establishment when offline cloud user comes back to online after completion of his or her task. The chances of viruses and threats may be reduced by utilizing this new designed methodology on the time of data uploading on the cloud server. The other benefits to utilize this Near Line mode for security purposes is its low cost, fast response and quick back up with unlimited storage access anywhere-anytime even in a matter of seconds.

References
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10. mashable.com/201008/104box-offline-files1#mquktmtxaQQ.
17. googlecloudplatform.blogspot.in/2015/03/introducing-google-cloud-storage-Nearline-near-online-data-at-an-offline-price.html.
23. pivotpoint.io/en-us/article/google-moves-docs-google-drive-offline#.VKOJvU8rdkg.
29. 27. www.google.co.in/search?hl=en&site=imghp&tbs=isch&source=hp&biw=1366&bih=667&q=ONLINE+OFFLINE+NEARLINE+IMG&oq=ONLINE+OFFLINE+NEARLINE+IMG&gs_
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Index Terms

Computer Science  Security

Keywords

Offline cloud service, Offline cloud technology, online mode, offline mode, near line mode, security, cloud data storage.