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## Optimizing Virtual Machine Downtime in Live Migration using the Least Frequently Used Service-based Pre-copy Algorithm

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Abstract	
Document Sections	Downl PDF
I. Introduction	
II. Related Work	Abstract: Cloud computing has been considered the most reliable and safe technology among many cloud users. Virtual
III. Problem Statement	machine migration is a crucial component of cloud computing tech View more
IV. Proposed System	✓ Metadata Abstract:
V. Least Frequently Used Service-Based Pre-Copy Algorithm	Cloud computing has been considered the most reliable and safe technology among many cloud users. Virtual machine migration is a crucial component of cloud computing technology. A Virtual machine is transferred from one host machine to another during the migration process, which is accomplished by repeatedly copying the memory pages.
Show Full Outline -	available in the virtual disk. The time required for the movement of secondary storage, main memory, process states,
Authors	and network connectivity, as well as the maintenance of their accuracy, must be considered for the efficient migration of virtual machines from one physical host to another in the cloud service provider. The most robust mechanism for system maintenance, resilience system balancing the load of the service provider, and power-saving is the live
Figures	migration of virtual machines between the nodes in the data center. So many services are running in the virtual machines during live migration; thus, it needs to take place with the least amount of downtime possible to prevent
References	service degradation. The memory pages in the virtual storage must be copied to the other host using the least
Citations	solution was evaluated in comparison to OpenNebula and OpenStack, two cloud computing platforms. The least
Keywords	migration.
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