Computing allows users to migrate their intentions to distributed environment which will utilize more number of possessions to complete execution rapidly. Virtualization means numerous virtual machines on single machine. During development of migration, VM move one physical appliance to another. In offline migration, procedure is stopped till the virtual machine can endure on target machine, while in live migration process can execute without intermittent. Live migration is a migration during which the VM seems to be receptive all the time from clients' outlook. In Data centre, live migration of virtual machine performs significant role. Live migration has been expensively used in load balancing, energy decrease and active resizing to increase availability and hardware conservation. This cause removal of huge number of redundant memory pages resulting into increase in the total migration time and downtime.

Index Terms

Computer Science Embedded Systems

Keywords

Virtual Machine, Offline Migration, Load Balancing, Availability and Maintenance