

Managed Virtualization Services

Leading online gaming company in Asia saves time and cost on server hardware downtime with virtualization solutions



A leading online gaming company was facing issues with physical server downtime caused by part failures. Fixing the hardware failure was time consuming and with an increase in number of software applications and physical servers, the company wanted to cut IT costs on physical servers and their yearly maintenance. They were therefore planning to virtualize their data centers spread across 16 locations.

SOLUTION DEPLOYED BY IPROTECS

iProtecs solutions private Ltd. assisted the company in achieving its objective through implementation of dell blade servers and vmware to virtualize & consolidate physical servers.

vmware capacity planner tool was deployed to estimate the usage of existing production servers and vmware conversion tool (P2V) was used to convert the existing physical servers in production to virtual instances.

SOLUTION AT WORK

- VMware Infrastructure Enterprise Plus Edition with ESXi 5.5 upgraded to the ESXi 6.0
- Self service portal powered by open stack
- VMware vCenter standard edition.
- VMware physical to virtual conversion tool (VMware P2V tool)
- VMware data protection
- VMware high availability
- Deployment environment



ENVIRONMENT

- Dell storage was mapped to all the ESXi host servers and most application softwares are now working on the VMware environment such as the gaming engine, Web Applications, Database server (MS-SQL), hadoop clusters.
- Guest Operating Systems – Windows 2008 (x32 / x64), Windows 2012, RHEL, & Cent OS
- Consolidated 50 Physical HP & IBM Servers.
- Number of VM instances in production is around 400 Plus

OBJECTIVES ACHIEVED & BENEFITS GAINED

vmware reduced the hardware server count required by different applications. It also helped to reduce AMC and data center costs. As a result, IT infrastructure is now smoothly managed with zero application downtime.