DELL EMC

5 REASONS WHY IT'S TIME TO UPGRADE YOUR SERVERS

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According to analyst firm IDC, upgrading your server infrastructure on a regular schedule improves relative performance, consolidation, management efficiency and reliability. IT organizations can save millions of dollars in capital and operating costs annually.[1]

1 | Relative server performance declines over time as costs increase

On average, server performance erodes by 14% annually. By the fifth year, a server has only 40% of the performance it had when it was new. Lower performance and higher failure rates increase unplanned downtime by 20% annually. At the same time, higher maintenance costs require additional investment in aging systems.

2 | Modern features enhance asset management

As businesses scale quickly, modern management tools allow better workload tracking and performance analysis. Upgraded servers have the latest firmware and patching updates, keeping devices secure and in compliance with enterprise and government specifications.

3 | Optimized systems accelerate performance

Modern servers improve the capability for higher virtual machine density and larger virtual machines. This allows high-end business applications to migrate and run in a virtualized environment. Fewer, more powerful systems can also reduce energy and cooling costs, data center space requirements, maintenance time and licensing costs.

4 | Predictive diagnostics improve reliability

Continued usage beyond the optimal life span of servers often causes unplanned downtime due to mechanical components and software aging. Newer systems come with predictive capabilities that warn of incompatibility issues or imminent failures. Automatic notification and proactive support improve reliability, adhering to uptime Service Level Agreements (SLAs).

5 | Soon-to-expire service warranties

Following the average server life cycle, service contracts typically expire after three to five years. More frequent failures result in higher labor costs, and replacement parts are expensive and hard to find. Altogether, buying a new server is often more economical than extending the service contract on a legacy system.

Refresh. Modernize. Transform.

Dell EMC PowerEdge 13th generation servers powered by Intel® Xeon® processors deliver faster, more reliable performance for virtualization, converged IT, hybrid cloud and big data. Build a modern data center with server power that optimizes workloads and automates management. Flexible financing options are available through Dell Financial Services.

To read the full 16-page IDC white paper, visit DellEMC.com/refresh

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1. Based on the IDC White Paper, sponsored by Dell, "Why Upgrade Your Server Infrastructure Now?", July 2016.