Accelerate Your IT Modernization With Server Upgrades from Intel and Microsoft

Flexible steps to maximize business efficiency while minimizing operating expenses.





Best

Windows Server^{*} 2012 Intel[®] Xeon[®] processor E5-2697 v2 Intel[®] Solid-State Drives DC S3700 Series

10Gb Intel Ethernet Converged Network Adapter X520 series

Better

Windows Server^{*} 2012 Intel[®] Xeon[®] processor E5-2697 v2

Intel[®] Solid-State Drives DC S3700 Series

1Gb network connection



Storage technology hampered by network speed

GOOD Windows Server* 2012 250% more Microsoft Exchange* users (7,000)



|4 Microsoft Exchange^{*} VMs

14 Database VMs

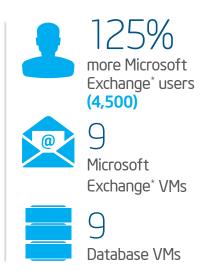
more Microsoft Exchange* users (6,000)



(6,000) 12 Microsoft

Exchange* VMs

12 Database VMs





Intel® Xeon® processor E5-2697 v2

SAS hard disk drives 1Gb network connection



Disk I/O can't keep up with new CPU, OS efficiency

Legacy Server Configuration:



Windows Server^{*} 2008 R2 Intel[®] Xeon[®] E5550 processor (running at optimal 60% utilization) SAS hard disk drives 1Gb network connection A Microsoft Exchange* Users

Exchange* VMs

4 Database VMs

Server upgrades from Intel and Microsoft:

Achieve operational excellence at lower cost through greater virtualization.

Windows Server[®]2012



Versatile processing for today's data center



More VMs and better database performance



Higher throughput for heavy workloads

To learn more, visit www.intel.com/xeon

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Source: Principled Technologies. "Increase Density and Performance with Upgrades from Intel and Microsoft." September 2013. http://www.principledtechnologies.com/Intel/IVB_server_upgrades_1013_v2.pdf

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