



Executive Summary for FDCCD version 3.0

Presented by: VMware

Date: February 8, 2013

Overview

This consolidation estimate was created with VMware Capacity Planner for FDCCD. This analysis uses information collected from your datacenter infrastructure:

- Provides a review of your current state of operations
- Identifies system consolidation and virtualization opportunities
- Represents achievable, optimized future state with VMware Virtual Infrastructure

Findings

- Out of 52 systems selected, 49 were considered for consolidation
- All considered systems are eligible for consolidation
- The overall consolidation ratio is 49 to 2, representing a 96% decrease in total systems

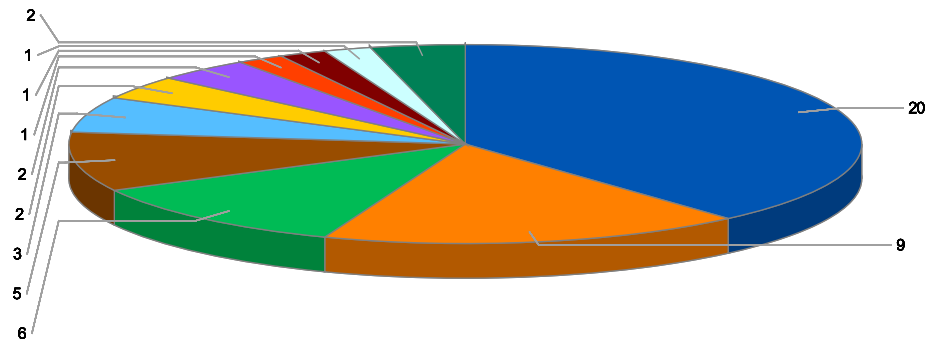
Next Steps

- Validate this consolidation estimate with your technology team
- Use these results to build a business case with financial analysis
- Ensure a successful implementation of VMware Virtual Infrastructure

System Inventory Chart 1

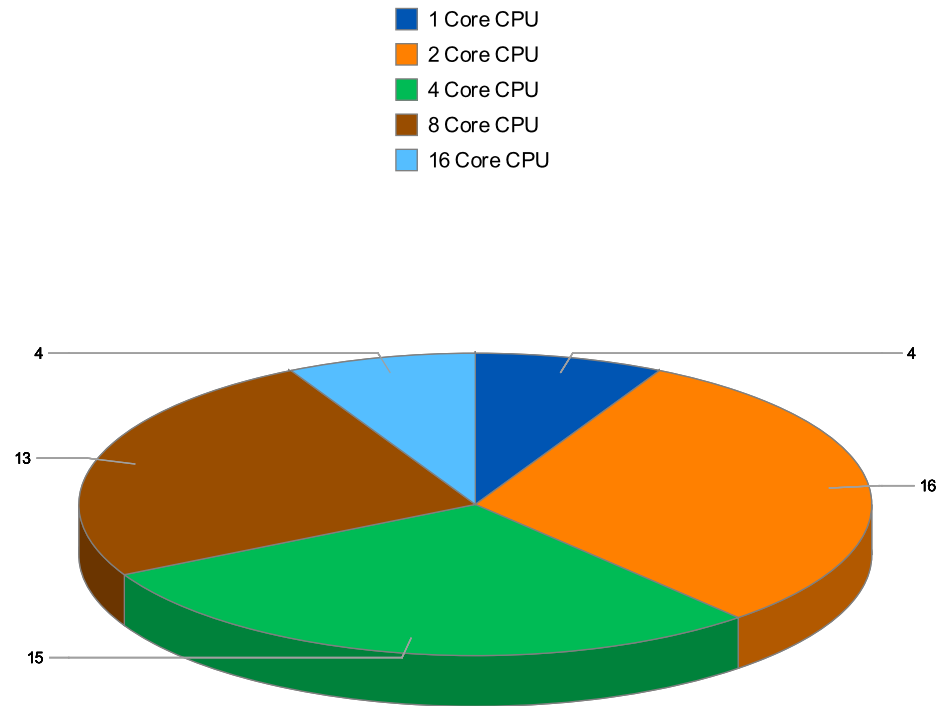
Number of Systems by OS

- Microsoft(R) Windows(R) Server 2003, Standard Edition
- Red Hat Enterprise Linux AS
- Red Hat Enterprise Linux Server
- Microsoft Windows Server 2008 R2 Standard
- Microsoft Windows 2000 Server
- Microsoft Windows Server 2008 Standard
- Microsoft(R) Windows(R) Server 2003 Standard x64 Edition
- Microsoft Windows Server 2008 R2 Enterprise
- Microsoft Windows Server 2003 R2
- Microsoft Windows Server 2003
- Others

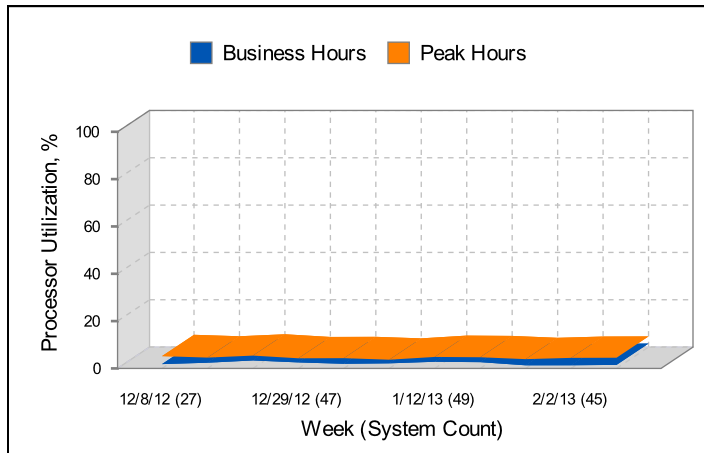


System Inventory Chart 2

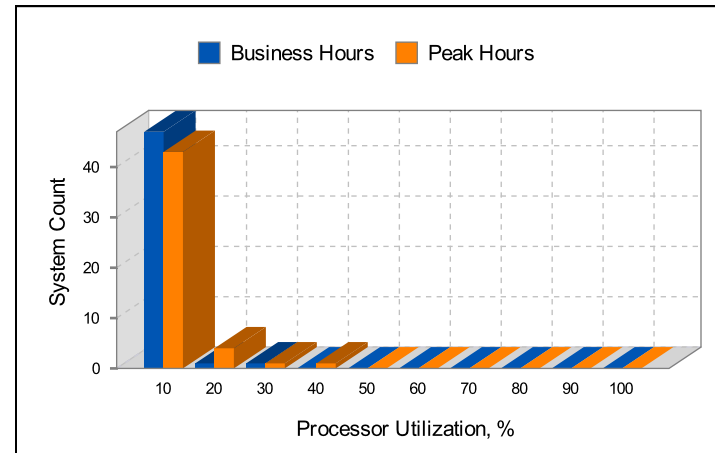
Number of Systems by Core



Performance Utilization Chart



Average CPU Utilization is: 1.61%



Peak CPU Utilization is: 3.34%

System Consolidation Recommendation

Before Virtualization		With VMware Virtualization							
Total Systems	Eligible Systems	Consolidation Scenario and Platform	ESX Hosts	ESX CPU Utilization	ESX Memory Utilization	Average Memory Per VM	Racks Saved	Eligible System Consolidation Ratio	Total System Consolidation Ratio
49	49	Conservative Consolidation Scenario	4	19.26%	43.09%	7.75 GB	2	92%	92%
49	49	Aggressive Consolidation Scenario	2	35.40%	76.76%	6.25 GB	2	96%	96%

Conservative Consolidation Scenario Aggressive Consolidation Scenario

Make: Dell

Model: PowerEdge R710

CPU: 12

Memory: 192 GB

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This assessment was presented to FDCCD by:

- VMware is a provider of virtualization solutions. Our suite of virtualization solutions addresses a range of information technology problems that include infrastructure optimization, business continuity, software lifecycle and desktop management.