

# VIRTUALIZATION ASSESSMENT



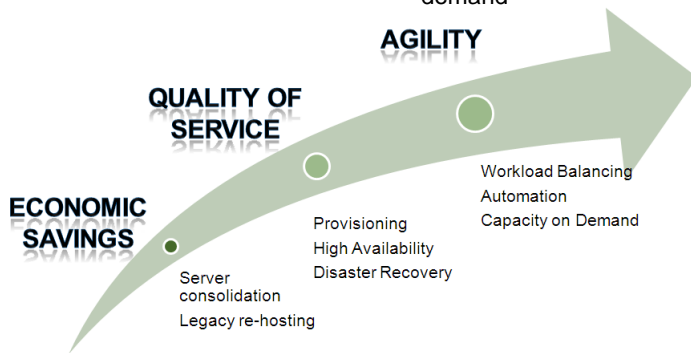
This service from Dell Infrastructure Consulting can help you prepare to take full advantage of server virtualization, which can lower total cost of ownership, increase agility, and reclaim IT staff time. We can provide architectural recommendations and a roadmap for adopting virtualization through the use of automated discovery tools and best practice developed from thousands of server virtualization consulting projects.

## DO THE FOLLOWING QUESTIONS RELATE TO YOUR SERVER INFRASTRUCTURE ?

- Do you need to review data center capacity availability and future space requirements?
- Is your data center consuming increasingly more energy relative to infrastructure deployed?
- Are business demands for server capacity outstripping budget?
- Have you ever had a major infrastructure project delay due to unexpected problems or stakeholder disagreements?
- Would your IT Team benefit from a collaborative approach where they have a say in design decisions?
- Would your management team appreciate a reliable plan with management checkpoints and controls to meet schedules and budget?

## POTENTIAL BENEFITS

- Obtain a complete understanding of your current system capacity and utilization and create models for the future
- Decide which workloads to virtualize
- Potentially reduce energy requirements and more efficiently manage data center space
- Evaluate alternative virtualization platforms and determine target consolidation ratios
- Use the return on investment model to determine a realistic budget and get ready to measure results
- Identify the virtualization impact to storage, networking and data center space as well as power and cooling
- Establish a roadmap to determine from initial implementation how your server infrastructure will scale to meet business demand



## DELIVERABLES

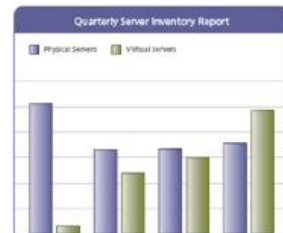
- A Virtualization Assessment Report – this includes detailed utilization statistics, alternative consolidation scenarios, storage/network/facilities impact, ROI analysis and roadmap
- An Executive Briefing – to build consensus to optimize your server infrastructure through virtualization

# VIRTUALIZATION ASSESSMENT

The Dell Virtualization Assessment Report scenarios deliver customizable graphical reporting to view and manage workload and resource utilization for optimal datacenter operations. The scenarios sort server workloads by CPU, memory, disk, network, inventory, and performance and compare power, cooling, space, cost, and utilization metrics to identify workload and resource mismatches.

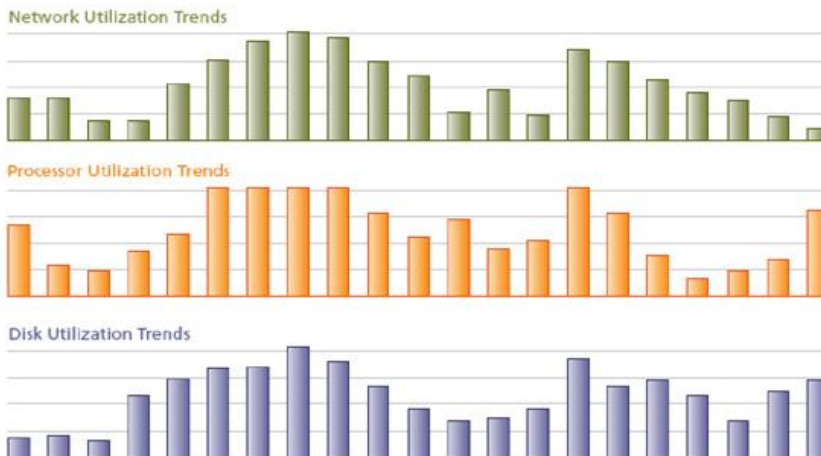
## COLLECT INVENTORY AND UTILIZATION DATA ACROSS THOUSANDS OF SERVERS

Dell's Virtualization Assessment service allows organizations to discover server hardware and software assets across the entire data center, regardless of various virtual machines, operating systems and hardware platforms deployed. A Dell Virtualization Assessment can collect detailed information for each server in the network, such as operating system, installed and running applications or services, patch levels, CPU, memory, network, and disk resources. The service also identifies workloads and monitors utilization data over days, weeks, or months to determine utilization trends.



## PLAN DATA CENTER INITIATIVES BASED ON CONCRETE DATA, ANALYSIS, AND TRENDS

Take the guesswork out of datacenter initiatives and achieve optimal results based on concrete data and analysis. Organizations can accelerate datacenter initiatives by using Dell Infrastructure Consulting to execute virtualization plans and stream physical servers into virtual environments. Companies can consolidate and protect servers using virtual and blade infrastructures and maximize consolidation ratios by using intelligent workload-based resource configuration.



***A Virtualization Assessment From Dell Infrastructure Consulting Can Provide The Right Answers To Accelerate The Benefits Of Virtualization***

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