Business Challenge

As resource requirements and server farms continually grow along with the time and costs of maintaining them, server consolidation becomes a necessity. A consolidation leads to increased server power in concert with a reduction of costs across the enterprise as the number of servers and locations of servers is reduced. Equally important, a server consolidation allows companies to implement enhanced IT infrastructures that can support expansion without having to increase IT staff.

Even though many organizations recognize the need to eliminate unnecessary hardware, software and applications, few have the resources to successfully implement a server consolidation. Dell Professional Services can help by providing an assessment of your organization's readiness to move forward with a consolidation. In addition, we can determine risks associated with a consolidation and how best to simplify your environment, reduce costs, and improve performance, scalability and availability.

Key Benefits

**Infrastructure Consolidation Readiness Assessment**

Dell's Infrastructure Consolidation Readiness Assessment assists customers in determining the viability, necessity and value of moving to a consolidated server and storage infrastructure.

**Benefits**

- Comprehensive inventory: Provides a complete account of your current server and storage infrastructure.
- Baseline Assessment: Yields performance characteristics of the assessed environment.
- Return on Investment: Delivers a Return on Investment analysis based on the potential system consolidation.
- Peace of mind: Prepares you to move forward confidently with an optimized design for migration. Risks are mitigated as experienced Dell professionals outline challenges you might face and the strategies to avoid them.
- Rapid Implementation: Dell Professional Services are designed to enable a quick assessment, a careful design and provide rapid implementation along with the appropriate amount of information to consider next steps.

Visit [www.dell.com/services](http://www.dell.com/services) for more information.
Drawing from many years of experience, Dell Professional Services' consultants utilize our proven methodology and project management expertise to provide efficient and effective solutions in a timely manner. A server or storage Infrastructure Consolidation Readiness Assessment generally consists of the following:

**Phase One:** Consultative and tools-based discovery of the data center environment:
- Analysis of existing networking infrastructure, operational practices and technical readiness to support a consolidated environment
- Identification of risks, issues and barriers associated with moving to a consolidated environment
- Automated discovery of server infrastructure, including Domain or Directory deployment and associated server configuration

**Phase Two:** Establish current and future resource utilization requirements (optional):
- Utilizing predictive performance analysis software, Dell creates a baseline sample of current resource utilization requirements by analyzing application usage, storage utilization, processor utilization
- Based on client growth projections, Dell will determine capacity requirements for 12, 24 and 36 months

**Phase Three:** Determine opportunities for greater Return on Investment (ROI)
- Utilizing Dell's return on investment analysis tools and actual customer data, Dell will identify the ROI benefits of conducting a consolidation
- Dell provides sample consolidated architecture based on modeling and Dell best practices

**Phase Four:** Engagement closure, propose appropriate services mix
- Presentation of current environment findings
- Coordination with Dell Account team to leverage additional Dell services including finance
- Server and storage consolidation design and transformation including next steps

**Deliverables**
Through a combination of tools-based and consultative discovery and analysis, Dell provides you with a detailed report that assesses risks and client impact recommendations related to a consolidation. As a result of an assessment of your technical and operational readiness, sample consolidation architecture based on initial performance analysis and capacity modeling for a specific enterprise service and an assessment of financial impact including a consolidation cost analysis are produced.

Dell Professional Services consultants will work with you to understand your company’s functional, technical, operational, and business requirements to design a customer-oriented solution that is right for your particular environment.

During the Assessment phase, you will receive:
- A detailed report on operational and technical risks associated with current infrastructure
- Initial Return on Investment analysis
- Risk mitigation as DPS leverages its proven methodology, expertise and experience
- Data concerning the current inventory and configuration of your environment

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