

Infrastructure Migration Readiness Assessment

Business Challenge

Financially and operationally, it makes sense to migrate to newer, more versatile, feature-rich, and cost-effective applications and operating systems – especially if support for your current environment is going away as is the case with Microsoft® Windows NT. As operating systems and applications evolve and provide new functions and features that address specific computing and user needs, it becomes more favorable to migrate from older or proprietary systems. Migration also results in improved interoperability, reliability and manageability.

Conducting an enterprise-wide migration, however, often results in many months of manual work and numerous disruptions to the flow-of-business. Dell Professional Services can help by initially conducting an assessment that determines obstacles to conducting a migration, strategies for moving forward and the potential return-on-investment by migrating.

Dell Professional Services' ability to efficiently migrate customers' IT infrastructures stems from the use of best practices gained by implementing Microsoft solutions internally along with integrating the Linux operating system into everything from single servers to high performance clustered systems.

Key Benefits

Infrastructure Migration Readiness Assessment

Dell's experience integrating Windows Server 2003 and Linux onto a vast number of Dell servers provides us with a unique perspective that enables us to efficiently, and with minimal disruption to users' productivity, conduct operating system migrations for companies of all sizes. We start by conducting an Infrastructure Migration Readiness Assessment, which determines the viability, necessity and value associated with a Windows Server, UNIX or Linux migration.

Benefits

- **Provides a thorough assessment of IT environment:** Presents a non-partisan view of your technical, operational and organizational readiness for migrating to Windows or Linux or upgrading your Windows server
- **Provides baseline comprehensive inventory:** Includes a complete account of your current IT infrastructure
- **Enables rapid implementation:** Prepares you to move forward confidently with an optimized design for migration
- **Reduces risks:** Highly skilled Microsoft Certified Professionals mitigate risks by utilizing best practices and outlining the challenges that could occur and strategies for avoiding them
- **Lowers cost of migration:** Leveraging Dell's renowned business model, engagements are accurately scoped and staffed, which helps drive down costs and decrease time to delivery

Drawing from many years of experience, Dell Professional Services consultants utilize proven methodology and project management expertise to provide efficient and effective solutions in a timely manner. An Infrastructure Migration Readiness Assessment generally consists of the following:

Phase One: Identify Barriers

- Clearly state your vision and objectives for migration. Provide a baseline of your current environment, including server hardware, installed software, WAN/LAN and domain topology and security
- Develop risk and mitigation plans associated with a migration

Phase Two: Design a Migration Platform

- Establish management tools standards
- Document your business and technical drivers
- Perform (where appropriate) a comprehensive Active Directory and/or Exchange architecture design
- Provide operational recommendation for managing your new Windows or Linux environment including backup and recovery, security and administration

Phase Three: Prepare and Plan for Migration

- Establish a migration strategy
- Validate sizing and performance assumptions
- Integrate your migration plans with your support teams
- Document the final migration plan
- Confirm your plan through pilots and proof-of-concepts

Phase Four: Manage your Migration

- Manage deployment using tools-based methodologies to mitigate risk and increase efficiency
- Utilize proven communications, metrics management and delivery methodologies

Deliverables

Through a combination of tools-based and consultative discovery and analysis, Dell provides clients with a detailed report that assesses risks and client impact recommendations related to a migration. Also provided is a sample migration architecture that is based on initial performance analysis and capacity modeling or a specific enterprise service and an assessment of financial impact including a migration cost analysis.

During the Assessment phase you will receive:

- A detailed report concerning operational and technical risks associated with your current infrastructure
- Risk mitigation based on Dell Professional Services' proven methodology, expertise and experience
- Data concerning the current inventory and configuration of your environment

Infrastructure Migration Readiness Assessment. Easy as 

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August 2004