APPLICATION DEPENDENCY ADVISORY

Automated approach accelerates platform optimization for applications

ESSENTIALS

- Automated approach to discover and analyze application inventory and their interdependencies
- Customizable, actionable reports with insight into which applications to optimize
- Identify optimal platforms for each application
- Determination of potential risks and business impacts
- Insight into current storage and network topologies and their relationships to each other

Business Challenges

Organizations seeking to optimize their applications are often hindered by complex IT infrastructure interdependencies and an incomplete inventory of their IT assets and their relationships to business applications. These impediments are particularly troublesome for organizations planning a modernization project such as a data center migration/consolidation, an application migration to cloud architecture, or a movement to software-defined storage.

In order to successfully plan a compelling transformation event, organizations must first have a full understanding of their infrastructure and application landscape to allow them to make optimal business decisions. They often need guidance in analyzing and understanding how their IT assets interact with their business applications, and furthermore want to maximize the value of their IT assets in order to improve overall efficiency and business agility. In many cases, organizations lack the resources required to minimize or eliminate the risks involved in obtaining an inventory and analyzing their application interdependencies. Since data center consolidation, migration, and virtualization projects can be inherently risky, it is critical that risks are minimized or eliminated whenever possible.

These challenges have perpetually inhibited optimization projects. Organizations now are looking for ways to obtain accurate, reliable, and timely information on their application inventory and interdependencies so that they can ultimately make optimal decisions for their businesses.

Service Description

The Dell Technologies Application Dependency Advisory service uses an automated approach to accelerate data collection, and analysis to provide a comprehensive view of the application portfolio.

In order to enable optimal transformation decision making, this service:

- Provides an accurate, reliable, and timely inventory of networks, systems, and applications in the current environment
- Analyzes application dependencies: how applications, technologies, and services are physically deployed and interact with each other
- Understanding of "upstream and downstream" impact of changes
- Avoidance of unplanned outages due to understanding of application interdependencies

This service generates a comprehensive graphical view of critical data center applications, infrastructure, and components. Dependency data can be used to identify application bundles for portfolio analysis, data center/cloud migration and disaster recovery/business resiliency planning.

The result is an output of customizable, actionable reports and insight into where to begin transformation initiatives. It also provides a full understanding of current storage and network topologies and their relationships to one another. In analyzing the application portfolio and its components, this service determines potential business risks and impacts associated with projected transformation initiatives.

Summary of Benefits

The Dell Technologies Application Dependency Advisory service's automated approach to discovery, data collection and analysis accelerates modernization. This service provides significant ROI to customers by employing state-of-the-art automation technology to eliminate error-prone and time-consuming manual discovery processes. It also minimizes risk associated with any project by determining what remediation might be required prior to migration, consolidation, or modernization. This service provides a complete inventory of applications and their relationships to IT assets, and assesses how everything in the environment is connected and working together. The information customers receive as the output of this service is accurate, reliable, timely, and can be used to optimize transformation projects and improve overall business efficiency.

Dell Technologies Consulting Services professionals have a plethora of knowledge in delivering application dependency engagements to hundreds of customers. This service delivers actionable information and reports with data on key assets, usage, and dependencies. Plan modernization initiatives in confidence, with accurate, up-to-date information on servers, applications, and databases that ensures IT serviceability.

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