APPLICATION AND WORKLOAD MIGRATION SERVICES

Quickly migrate to the right cloud platform

ESSENTIALS

- Migrate applications and workloads quickly and reliably
- Minimize service disruption and reduce risk
- Free your staff to work on other business critical tasks
- Right-size workloads to minimize costs
- Preserve application performance, customization and optimization
- Decision support for the right cloud
- ProConsult Migration Services for fixed scope engagements or custom services for more complex environments

Business Challenge

Every IT organization must have a cloud strategy. The challenges with your existing portfolio often take up most of your personnel just to keep them up and running. How do you carve out resources and time to dedicate to efficiently discover your environment and its dependencies, without disrupting your existing operations? What criteria will you use to decide what goes to the cloud? How will you select the best-fit cloud provider? How do you ensure that the migration risk is mitigated? How will you analyze the financial impact and any potential ROI? Finally, how will you manage and maintain control the solution after a cloud migration is completed? These questions highlight some of the complexities of putting together a comprehensive strategy for your application and associated workload portfolio. Moving applications or workloads from one platform to another is not easy nor simple. You need to factor in security, availability, people and processes transformation; and identify the right skill set and expertise to maximize efficiency, performance and quality.

Services Description

Application and Workload Migration Services are designed to help organizations with the adoption of the right cloud for their IT environment. Using our proven methodology, we can design solutions and migrate applications and workloads quicker and more reliably while minimizing service disruption. Our factory approach allows us to execute and validate migrations, taking what we have learned and applying that to subsequent migrations for continual improvement and optimization of the end state.

By the best end state, we mean that we address the end-to-end migration life cycle from discovering dependencies, to developing a migration plan, to executing the migrations, to validating the completed migration. You have many options and regardless of where your applications or workloads currently reside, we can help you migrate to an optimal cloud environment, whether that is a private cloud, multi-cloud or any public cloud. After detailed analysis, we will even be able to determine which public cloud provider offers the features and service level agreements that best align with your organization's needs.

We reduce the burden on your IT organization to allow them to focus on business-critical tasks by right-sizing workloads to minimize costs. We provide decision support for the right cloud to meet your organization's needs.

Objectives

Our approach to application and workload migration customer engagements feature the following phases.

- **Discover**—Understand the current environment
- **Plan**—Develop a migration plan
- **Execute**—Execute migrations using our factory model
- **Validate**—Validate migrations and decommissioning of legacy instances

Application and workload migrations are executed with the Dell Technologies' Factory Migration Approach. This approach features proven methodologies, practices and automated tools to dramatically reduce risk and speed delivery of completed migrations.

By the end of the "discover" phase—after discovering applications and workloads and their dependencies and considering the risk and complexity—we develop a migration strategy with a prioritized list of candidates for migration. In the "plan" phase, we define the migration workflow, develop a detailed migration schedule and define the project plan. "Execute" is where we begin migrating applications and workloads and tailoring the process to your environment. We can ensure that the workload is right-sized in order to minimize on-going costs. Execution is monitored in our "in-window" tracking and is completed when the applications and workloads are running on the assigned future platform. All applications and workloads are validated in their new environment and then decommissioning of legacy instances is completed as part of the "validate" phase. Code changes and configurations are documented. Note that the execution and validation steps are iterative where input from the validation information is fed back into migration execution for continuous refinement. Once complete, we begin knowledge transfer and transition processes to on-going operations and support teams within your organization. We conclude the project with a final application and workload summary report. Application and Workload Migration services are available as custom services that can be tailored to support the most complex or stringent requirements and are also offered as part of our fixed price, fixed scope ProConsult Migration Services for smaller or less complex migrations.

Summary of Benefits

You will benefit from an end-to-end solution resulting in optimized application and workload placement based on technical and business requirements using automated tools and a factory approach. Your organization will be able to present a comprehensive "cloud first" strategy for all your applications and workloads, moving beyond test/dev. Cloud is now mainstream and your organization can benefit from multi-cloud configurations to maximize returns. You can drive out cost and be more responsive to customer demands when your workloads are placed on optimized platforms.

You can preserve the performance, customization and optimization that have been built into your applications and workloads over years of refinement. And you can free your IT staff to work on other business-critical tasks. With Dell Technologies Consulting you can minimize migration risk and gain peace of mind.

Learn more about Dell Technologies Consulting Services

Contact a Dell Technologies Services Expert

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