

# WORKLOAD MIGRATION FOR CLOUD PLATFORMS

Quickly migrate workloads to the right cloud platform

## ESSENTIALS

- Migrate 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
- Decision support for the right cloud

## 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 disruption to 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 workload portfolio. Moving workloads from one platform to another is not easy. You need to factor in workload migration, people and processes transformation; and identify the right skill set and expertise to maximize efficiency and quality.

## Services Description

Workload Migration for Cloud Platforms service is designed to help organizations with the adoption of the right cloud for their workloads. Using our proven methodology, we are able to design solutions and migrate 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 workload migrations for continual improvement and optimization of the end state.

Let's consider what we mean by the best end state. You have many options for your workload and regardless of where your workload currently resides, 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 workload migration customer engagements features 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

Note that the execution and validation steps are iterative where input from the validation information is fed back into migration execution for continuous refinement.

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 workloads and their dependencies and considering the risk and complexity—we develop a migration strategy with a prioritized list of candidate VMs 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 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 workloads are running on future platform. All workloads are validated in their new environment and then decommissioning of legacy instances is completed as part of the “validate” phase. We conclude the project with a final workload summary report and transfer knowledge and transition processes to on-going operations and support teams within your organization

## Summary of Benefits

With Workload Migration for Cloud Platforms, in as little as 4-6 weeks you will benefit from an end-to-end solution resulting in optimized 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 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.



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