

# PROCESS AUTOMATION DESIGN ACCELERATOR VMWARE® LIFECYCLE MANAGER



## OVERVIEW

Being “Operationally Ready” means that you have the ability to routinely provision, consume and manage virtualization effectively in production environments. VMware® Lifecycle Manager enables virtualization administrators to track and control virtual machines through a consistent approval process across the entire virtual machine lifecycle. From provisioning to operation to ultimate decommissioning of the virtual machine, VMware Lifecycle Manager addresses the need for compliance with existing IT and business procedures. Responding to one-off requests in addition to using manual procedures to deploy virtual machines can be eliminated and replaced by a consistent process that can be followed across the entire business. Lifecycle Manager can also be customized to work with existing IT operational tools such as ticketing or change management systems. We can help simplify your operational processes within a virtual server environment

## KEY CHALLENGES THAT LIFECYCLE MANAGER ADDRESSES ARE:

- Track and Control of Virtual Machines (VMs)
  - Request - Establish a consistent policy of requesting computing resources.
  - Change - Enable change request for resources due to business needs.
  - Approve - Helps maintain compliance with business standards.
- Intelligently add automation to eliminate manual or repetitive tasks
  - Automate the deployment of VMs if they are within established standards.
  - Decommission, Archive and Delete VMs for better resource utilization.
- Integrate with existing operational tools
  - VirtualCenter.
  - 3<sup>rd</sup> party tools such as Configuration Management Database (CMDB), Asset Management, Ticketing Systems, IT Process/Run Book Automation.

## POTENTIAL BENEFITS

- The delivery of best practice for tracking, controlling and approving virtual machine use.
- Elimination of manual and repetitive tasks through automation.
- Cost reduction by utilizing existing tools such as VirtualCenter, CMDB, etc.
- The prevention of virtual machine sprawl
- Compliance assurance with corporate IT standards and policies

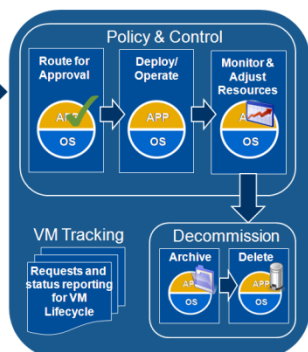
## PRICING AND SCOPE

- Contact your Dell representative for an estimate
- The service duration is approximately three days, but may vary dependent on scope and specific requirements

# SERVICE HIGHLIGHT



Instrumented Management to automate processes that control and report on the lifecycle of VMs



Activity	Responsibility
Guidance Meeting	All
Project Planning	Dell Consultant
Lab Manager Demonstrations and Presentations	Dell Consultant
Development of high level design and implementation requirements	All
Analysis and deliverable presentation	Dell Consultant
Final presentation	All

Lab Manager	Stage Manager	Life Cycle Manager
Virtual software lifecycle automation.	IT service delivery automation.	Virtual machine life cycle management and automation.
Rapid self-service provisioning of transient machines.	Controlled and automated promotion between development and production environments.	Change control and approval process for VM provisioning, operation and decommissioning.
Support development, testing, QA, support and general lab environments by providing multiple configurations and libraries for development and testing.	Support release management and patch testing by providing multiple configurations for various stages, including copies of production instances and historical archives.	Improve visibility and tracking of VMs across the enterprise to control VM sprawl.

**NOTE: This is a comparison chart only the highlighted area of the table applies to this service. Other elements are available on request**

## DELIVERABLES

- Evaluation of Lifecycle Manager through product demonstration, use and presentation.
- A set of high-level implementation considerations derived during the course of the engagement. These implementation options form the basis for software implementation within the existing IT architecture.
- An initial design document that provides a high-level view to integrating Lifecycle Manager into your existing environment.
- A roadmap, highlighting essential considerations for migrating from the current to future state.

## ROLES AND RESPONSIBILITIES

The Dell Consultant will conduct demonstrations with customer participation exercises to help enable the evaluation of Lifecycle Manager. The Dell Consultant will also facilitate a session to define design, and implementation considerations for Lifecycle Manager

## CUSTOMER RESPONSIBILITIES

The provision of access to IT processes that span requesting, approving, updating and decommissioning servers as well as the provision of the hardware and software environment required to deliver the service.

### **Not Included with this Service**

- Any activities other than those specifically noted in the service description.
- Complete backup of all existing data and programs on the systems prior to Dell arriving at the location to deliver the service

DELL HAS NO LIABILITY FOR LOSS OR RECOVERY OF DATA OR PROGRAMS

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