

Satellite 6 Migration AcceleratorSM

Infrastructure Automation. Consolidated, Coordinated, Compliant.

ENGAGEMENT OVERVIEW

The purpose of this engagement is to implement Red Hat Satellite 6 to manage Red Hat Enterprise Linux servers. SDG consultants conduct a thorough analysis of the customer's current patch management infrastructure, the systems currently managed, and the desired future state. From there, the consultant creates and executes an implementation plan that establishes a new centrally managed Satellite 6 framework, registers existing servers, and develops to deploy and manage future servers.

KEY BENEFITS

- Implement one architecture and interface for the management of RHEL clients
- Obtain a clear and repeatable process to provision and manage new clients
- Establish accountable, auditable, and compliant process to manage software on RHEL clients
- Leverage existing identity management services to comply with security processes

The following describes the specific phases of our Red Hat Satellite 6 Migration AcceleratorSM. Each phase builds on the previous phase, increasing the capability of the overall solution.



Phase 1 > Analysis

The goal of the analysis phase is to evaluate the existing customer current patch management architecture for the purpose of creating a migration plan to Red Hat Satellite.



TASKS

- Review of current patch management architecture:
 - Existing patch tools
 - Servers managed
 - Deployment across Public or private cloud integrations
 - Current CI/CD architecture
 - Current ITIL, DevOps and Agile processes
 - Network architectures
 - Security, Compliance and regulatory requirements
 - IT team structure

OUTPUTS

- Satellite 6 Installation Plan

WHAT FEATURES ARE INCLUDED?

| | | | |
|---|--|--|---|
| Install Satellite 6 in accordance with your IT requirements | Provision and register RHEL clients to Satellite 6 | Configure software content delivery to clients according to IT standards | Integrate Satellite with existing identity and access management services (IAM) |
|---|--|--|---|

Satellite 6 Migration AcceleratorSM

Phase 2 > Implementation

The goal of the implementation phase is to perform all of the tasks described in the migration plan.



TASKS

- Install a single Satellite 6 Server with Capsule (if required)
- Create a new organization, attaching provisioning templates, domain, subnets, environments, repositories, and OS to that organization
- Create a Basic Content View of the RHEL repositories and Content Lifecycle
- Provision and register a net new RHEL client
- Register existing RHEL clients to the new Sat 6 server

OUTPUTS

- One running instance of Satellite 6 with registered clients
- Provisioning template for new RHEL clients

OUTCOMES

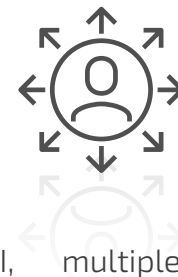
- ✓ Eliminate redundant, inefficient manual software installation processes
- ✓ Ensure patch security and compliance across the RHEL installation base
- ✓ Reduce misconfigured software related outages 90%
- ✓ Dramatically increase the velocity of rolling out new servers

Phase 3 > Training

The goal of the Training Phase is to enable the customer to develop all required Satellite 6 configurations to support all versions of RHEL in the customer's enterprise.

TASKS

- Review Satellite 6 Architecture
- Review client provisioning and lifecycle requirements
- Describe more complex deployments using Sat 6 API, multiple capsules, disconnected mode
- Describe Red Hat Insights, Ansible, and how to add more automation to Satellite 6



OUTPUTS

- Satellite 6 Client Provisioning Cookbook
- Engagement journal of architecture, installation, and configuration activities



QUESTIONS?

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