Centralized Configuration

- LightSpeed PM – A Certified Quest Partner

Centralized Config – **Why**

- Managing an environment with 2 or more FMS Servers can be time consuming due to key challenges:
    - How to keep the servers in sync
    - How to make sure that changes made on any of the Foglight Servers are replicated onto others.
    - How to avoid human nature's capacity to forget and make the changes across all servers.
    - How to make the FMS administrator more productive by reducing the replication challenges.
    - Which servers are to receive the changes when servers are spread out and are divided into departments, regions, …

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Centralized Config – **Highlights**

- Easy to deploy
- Lots of options
- User friendly UI
- **Remote Administration** of solution across servers
- **Master Server Synchronization** mode
- Ability to inject items into clusters
- Automatically syncs changes to many items done on one FMS server to other servers:
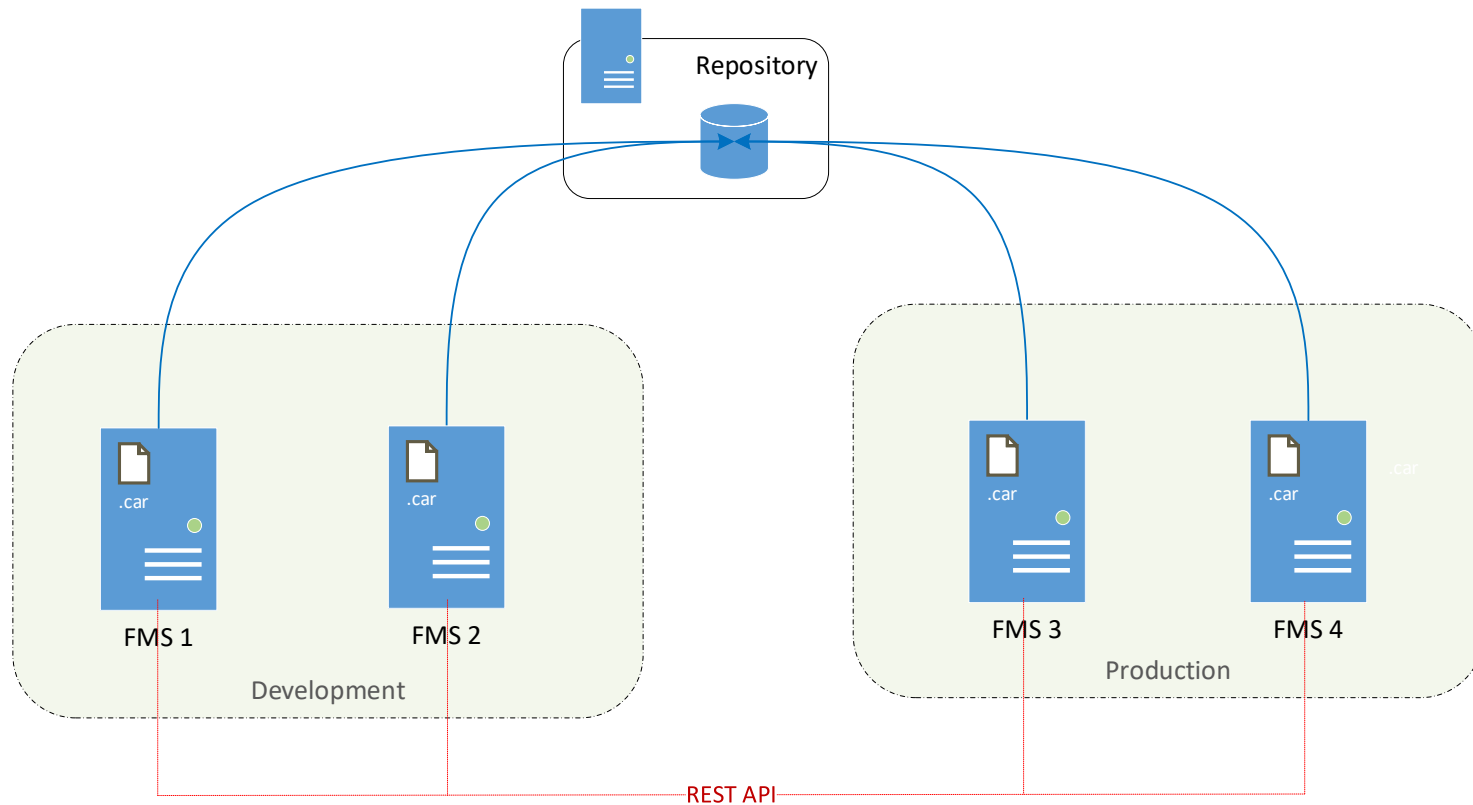 - Creation
  - Deletion
  - Modification

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Centralized Config – **Highlights**

- Cluster the servers such as a change in the cluster will only impact servers that are part of that cluster.

- Monitor the status of changes from any FMS

- Track on which FMS a change happened and when.

- Receive alerts on failures.

- Obtain and audit trail of all activities.

- Flow Injection

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Centralized Config – **High Level**
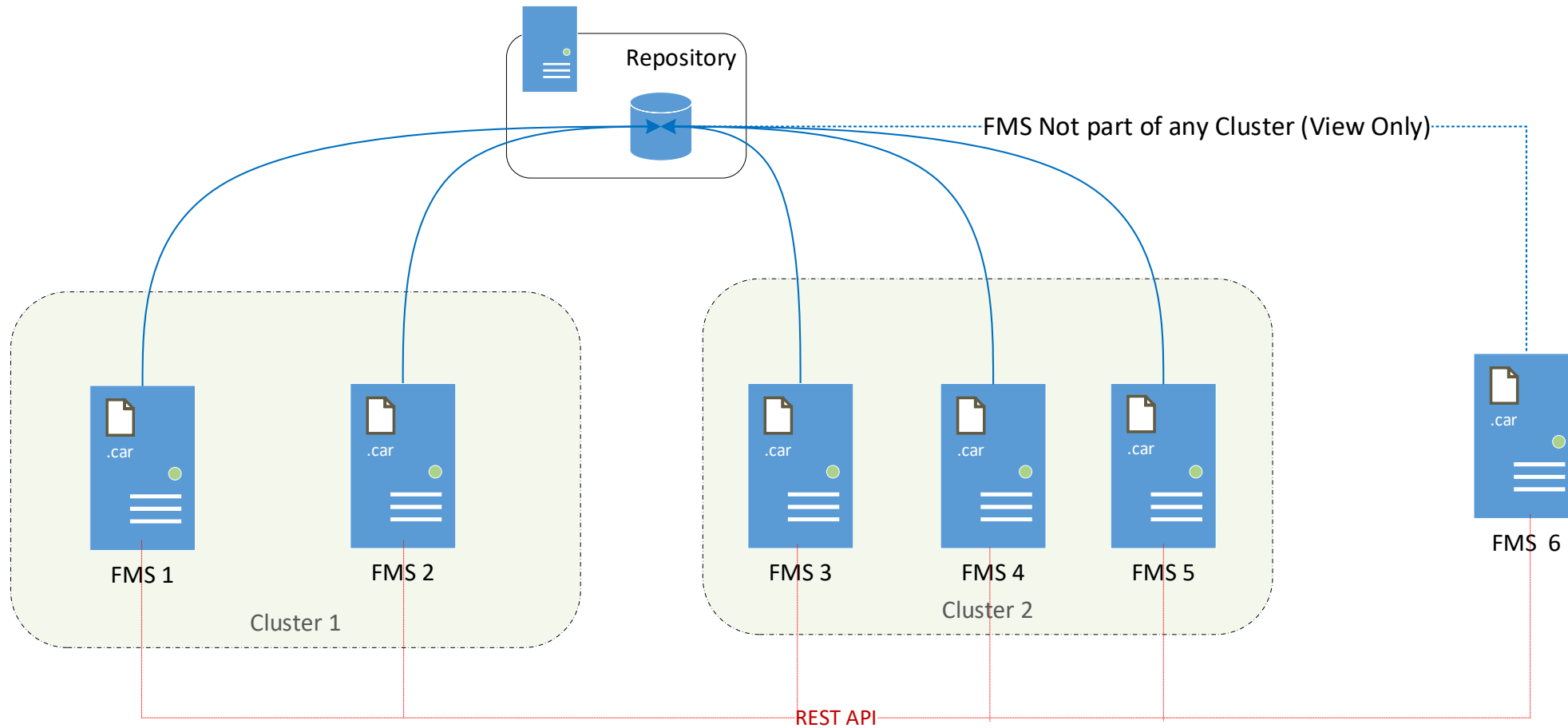
Centralized Config – **Use Case 1**

- Manage Development and Production separately.

Centralized Config – **Use Case 2**

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Centralized Config – **Flow**

User

Modify Items (Cartridges, rules, …)
Push Items (User, Services, …)

Repeats

Track
Changes

Repository

Repeats

Check
Changes

Changes
Detected?

Apply

Repeats

Check
Changes

Changes
Detected?

Apply

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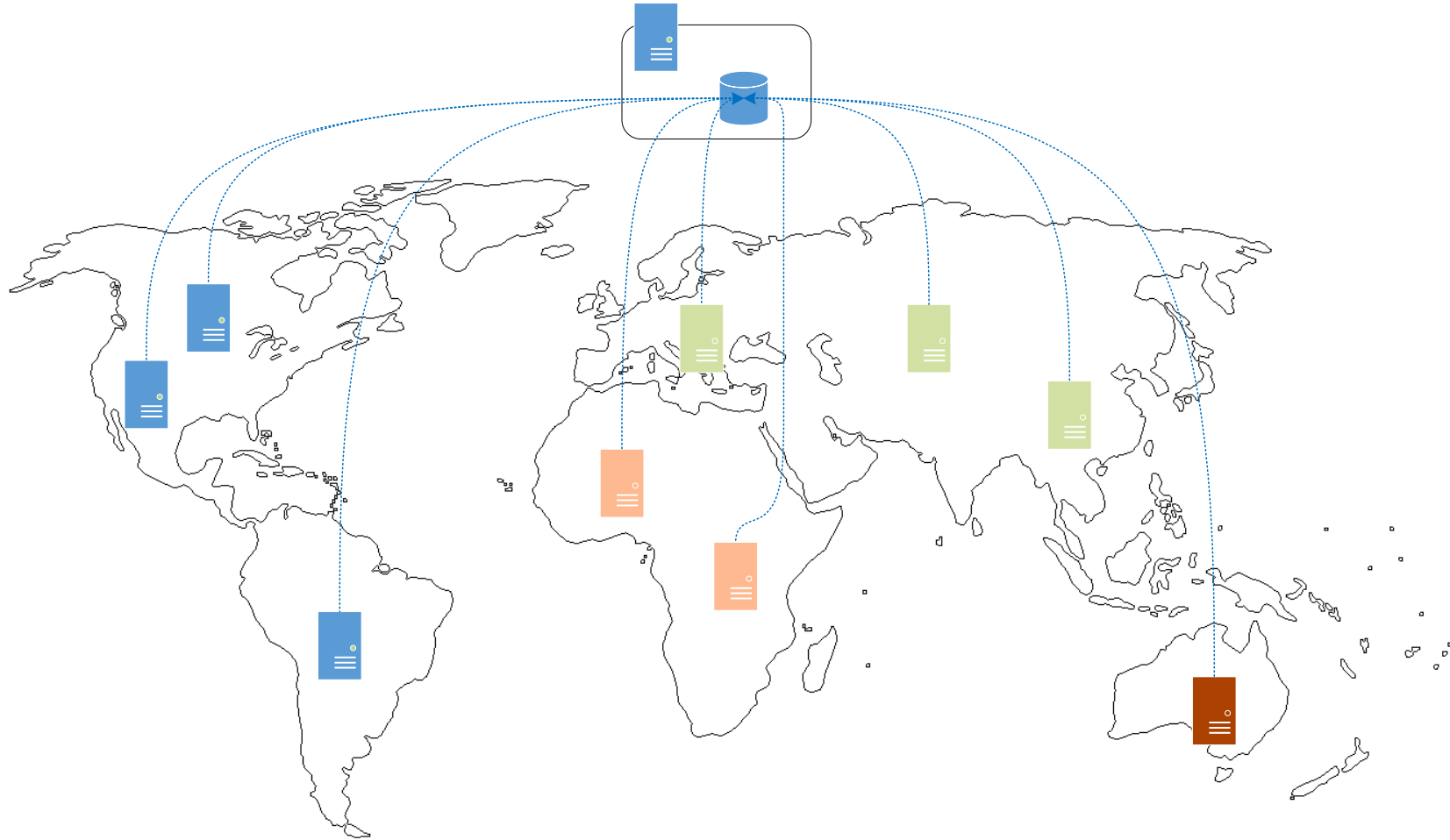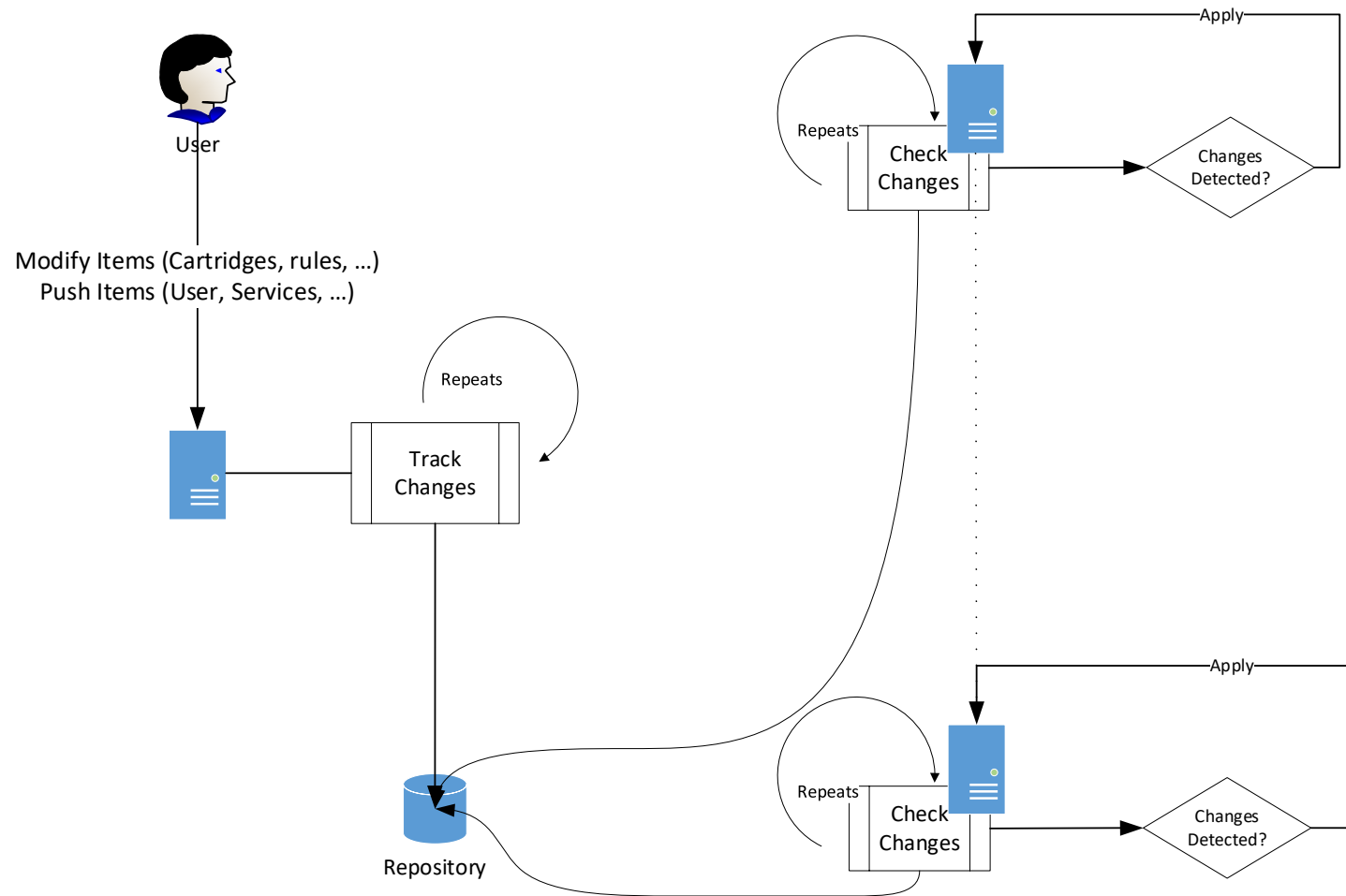
Centralized Config – **Items Synced**

- Administrative items:

  - Cartridges
    - Disabled
    - Enabled
    - Installed
    - Uninstalled

  - Sync Created, Deleted and Modified for the following items:
    - Schedules
    - Registry Variables
    - Derived Metrics
    - Rules
    - Blackouts

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Centralized Config – **Items Synced** - Continued

- Agent Properties

  - Secondary ASP (Lists used by agents)
    - Created
    - Deleted
    - Modified

  - Default Primary ASP (Default properties for an agent type)
    - Modified

- Persistence Policies

  - Sync Created, Deleted and Modified for the following items:
    - Lifecycle
    - Retention Policies
    - Default Lifecycle
    - Schemas
    - Grouping Policies

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Centralized Config – **Items Synced** - Continued

- Services

- Security Items
    - LDAP
    - Roles
    - Groups
    - Users

- WCF Resources
    - User Scripts

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Centralized Config – **Defining Clusters**

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Centralized Config – **Changing Settings**

Centralized Config – **Rule Management**

Centralized Config – **Pushing Items**

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Centralized Config – **Inject Items**

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Centralized Config – **Items Not To Sync**

Centralized Config – **Administration Items**

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Centralized Config – **Agent Properties**

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Centralized Config – **Persistence Policies**

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Centralized Config – **Services**

Centralized Config – **Security**

Centralized Config – **WCF Resources**

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Centralized Config – **System Requirements**

- **Minimum required FMS version**

     5.9.3

- **Supported Databases**   **Minimum Version**

     Microsoft SQL   2008 (version 10.0.1600 or later)

     Oracle   9i R2

     MySQL   5.1.45

     PostgreSQL   9.4.0

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