

Mode Management Support

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Mode Management Support

Description



Overview:

- This scenario discusses testing a Data Server modification within the production environment and how mode management supports this activity

Assumptions:

- Data Server Modification has been initially tested within the development environment

Scenario:

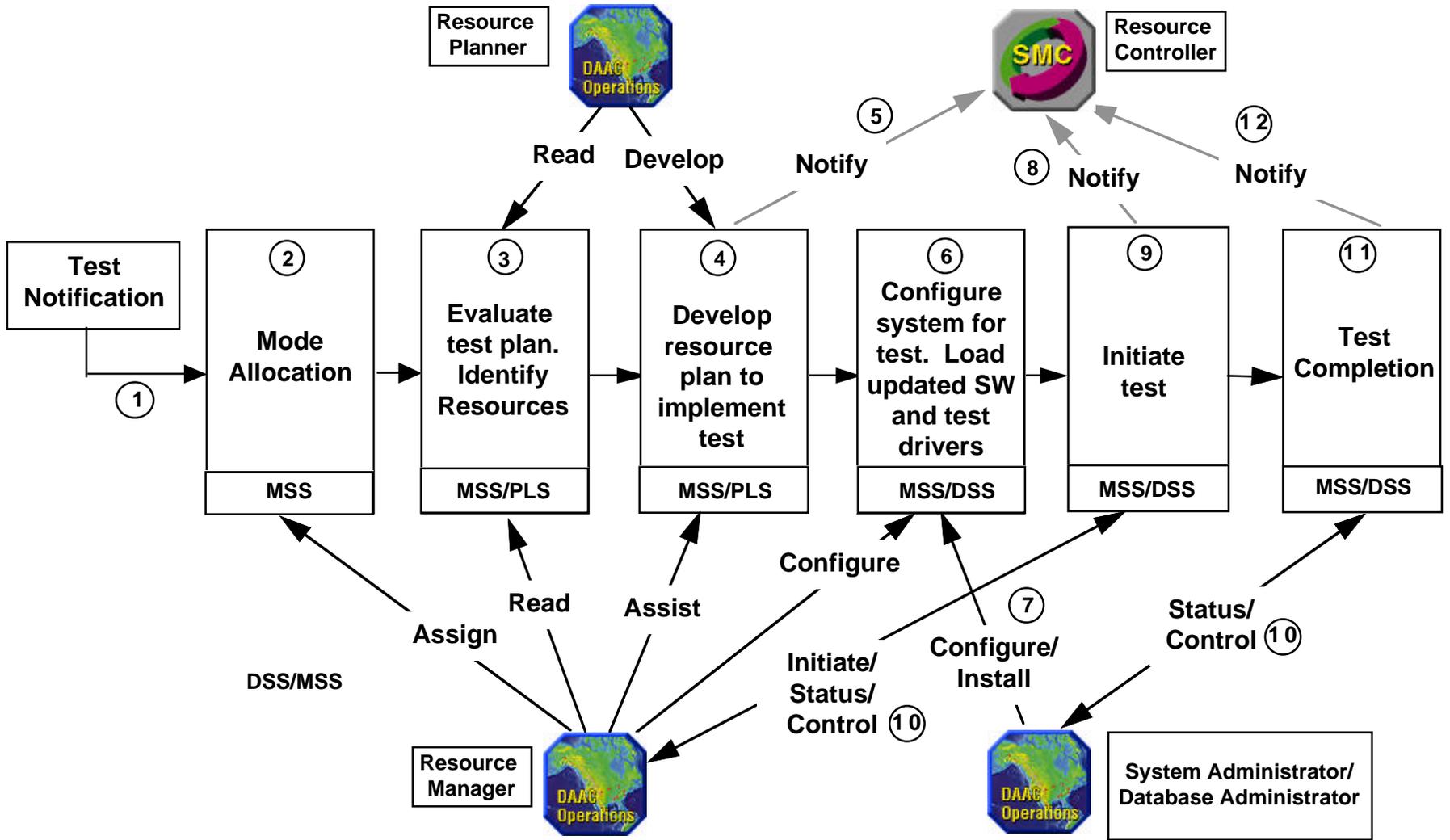
- Evaluate Test Plan
- Assign Mode Identifier
- Generate Resource Plan
- Configure System
- Initiate Test Mode
- Monitor and Control Test Activity
- Acknowledge Test Completion and return system to desired state

Heritage:

- N/A

Mode Management Support

Functional Flow



Mode Management Support

Points of View I



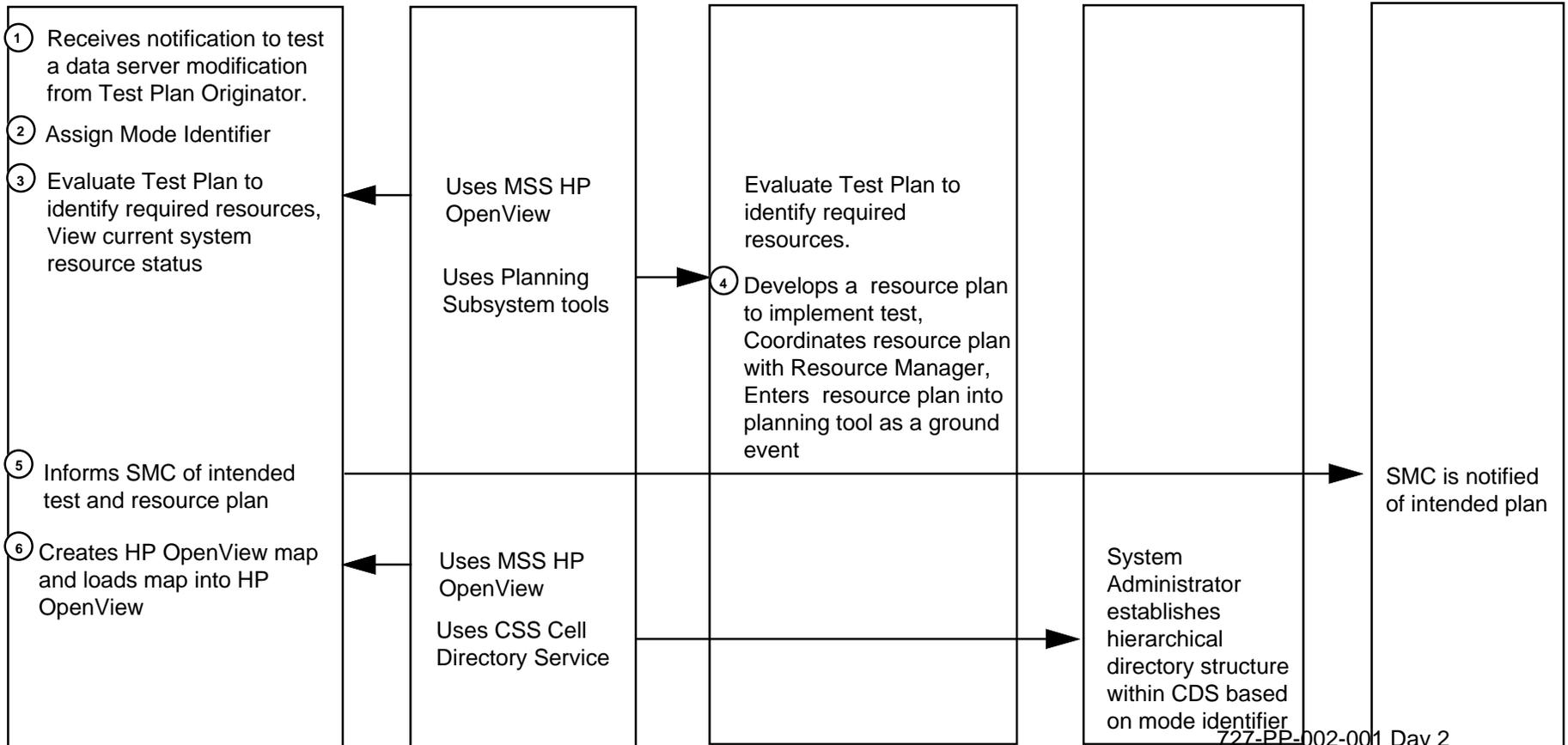
Resource Manager

ECS Subsystems

Resource Planner

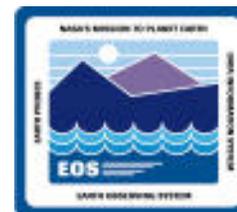
**System Administrator/
Database Administrator**

Resource Controller



Mode Management Support

Points of View II



Resource Manager



ECS Subsystems



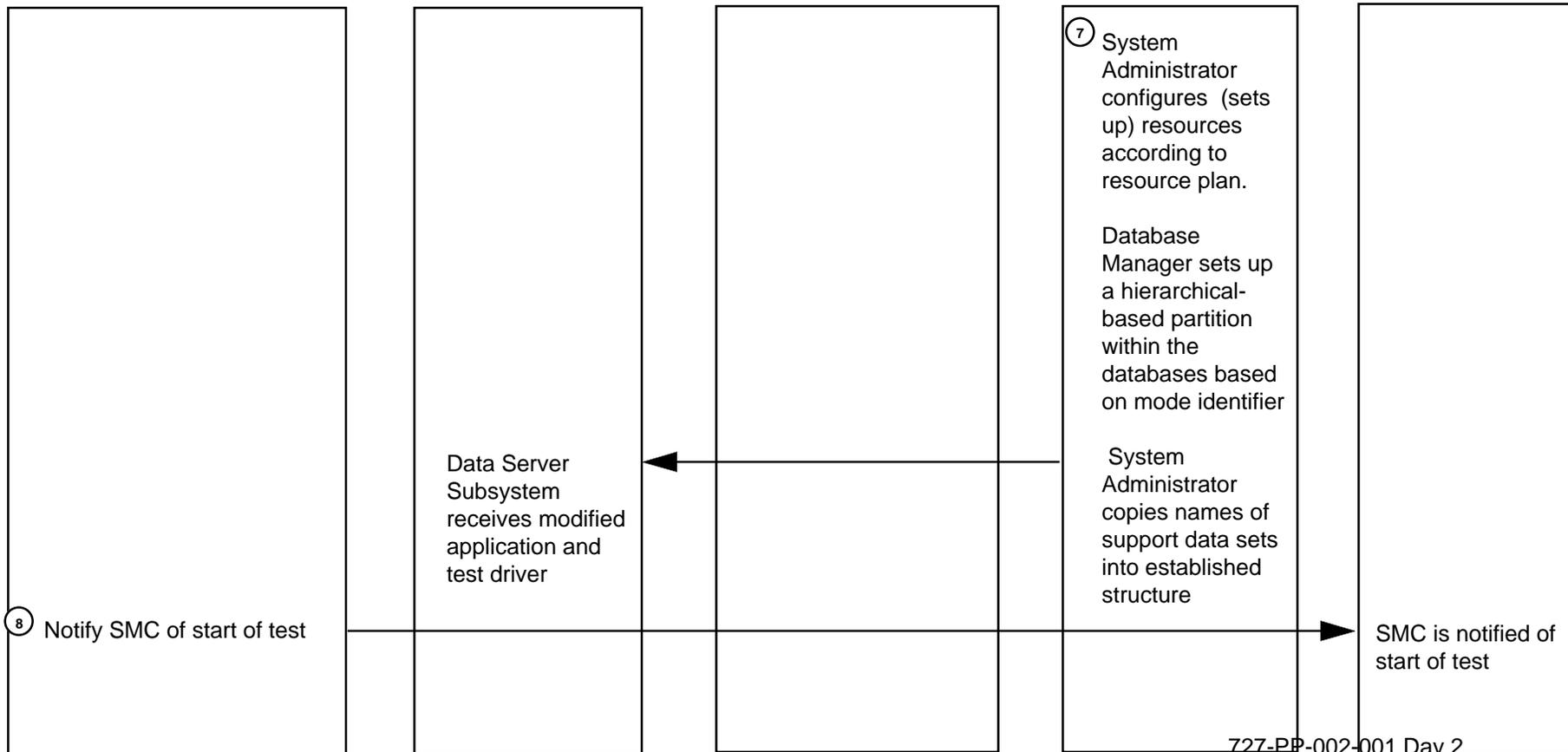
Resource Planner



System Administrator/
Database Administrator



Resource Controller



Mode Management Support

Points of View III



Resource Manager



ECS Subsystems



Resource Planner



System Administrator/
Database Administrator



Resource Controller

9 Initiates Mode Management script from within HP OpenView window

Mode Management script prompts for mode identifier, test driver name, and test driver host location; Resource Manager enters requested information

Script initiates test driver on specified host within specified mode and environment



Uses MSS HP OpenView

Test driver executes updated Data Server application. Data Server application(s) register within DCE CDS under specified test mode

Mode Management Support

Points of View IV



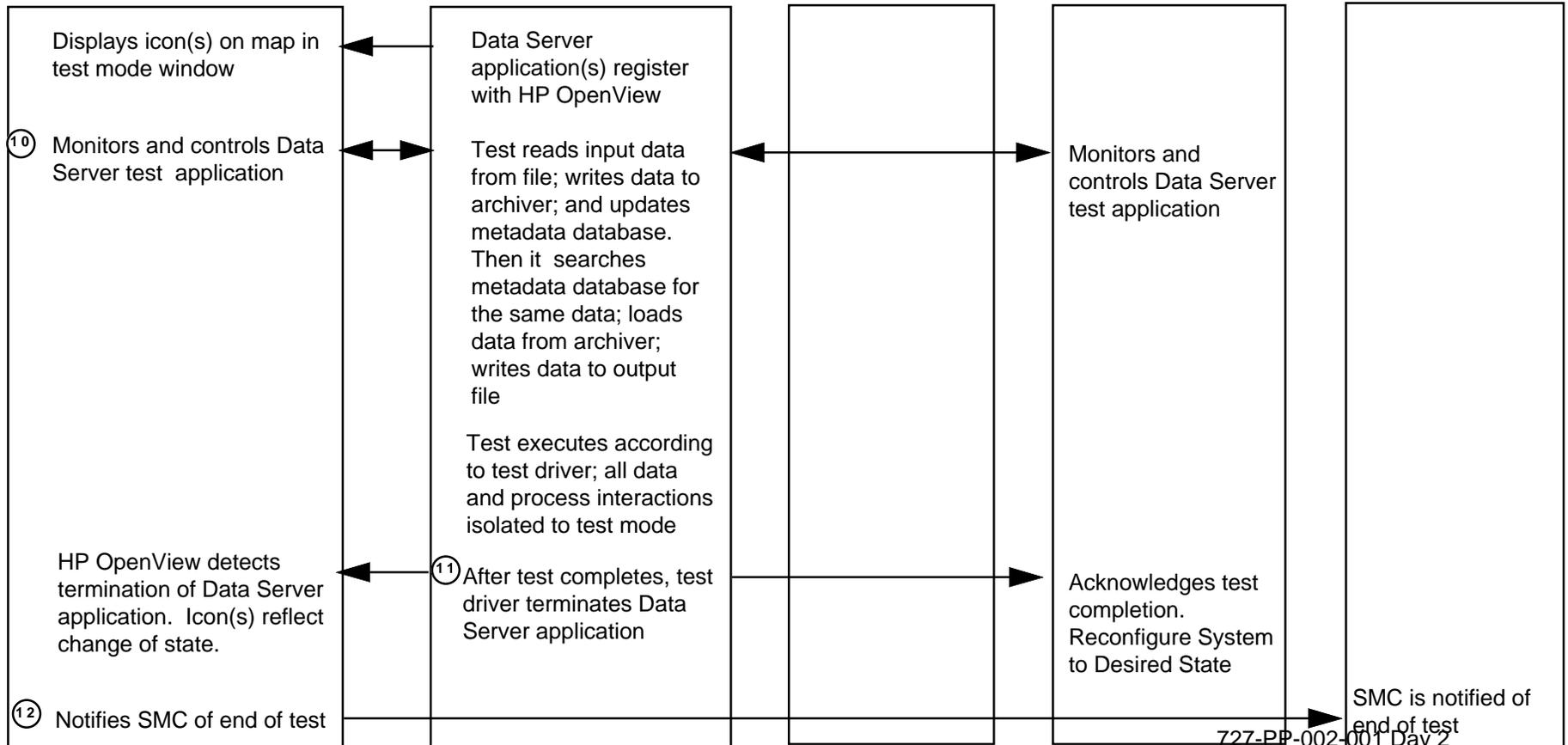
Resource Manager

ECS Subsystems

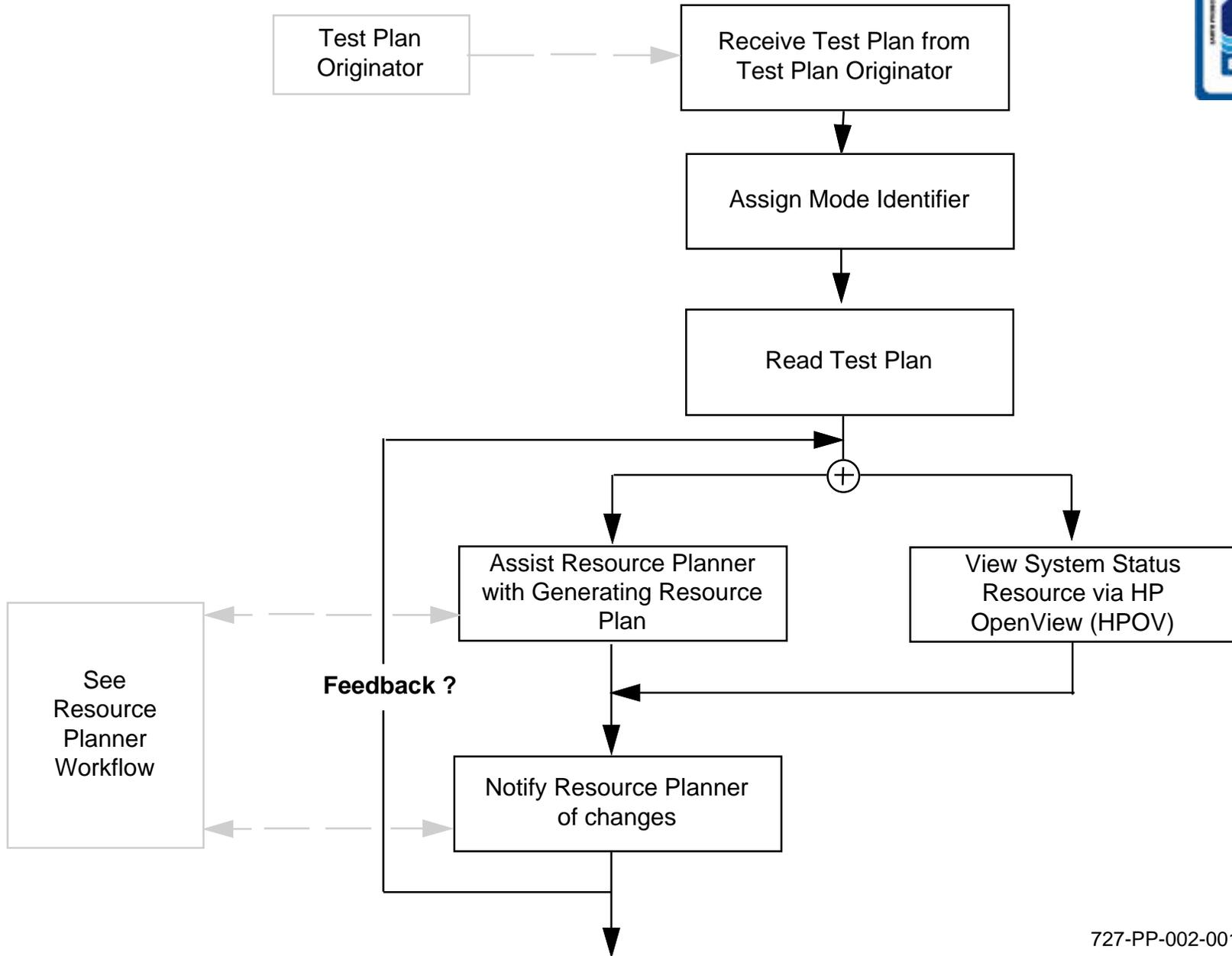
Resource Planner

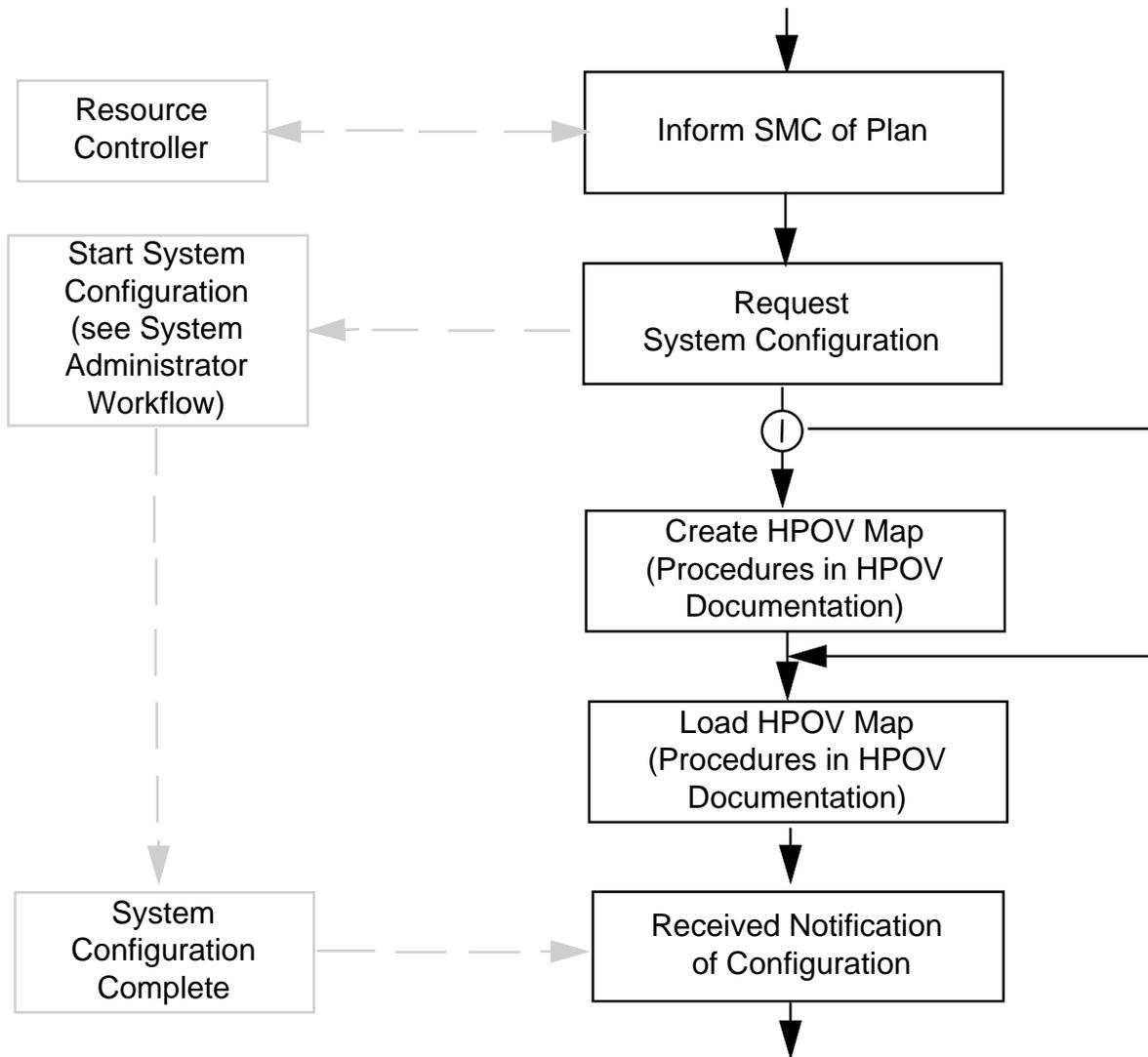
System Administrator/ Database Administrator

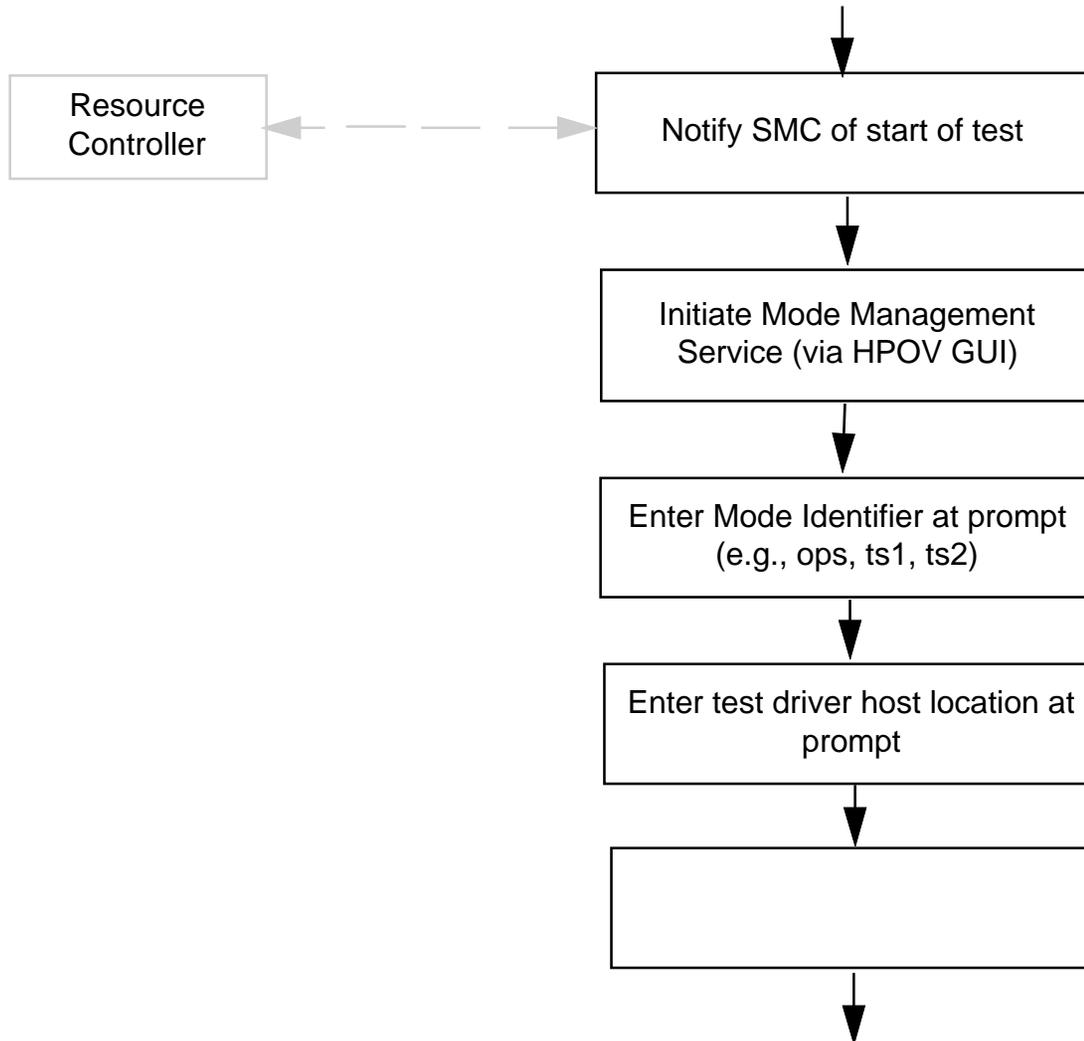
Resource Controller

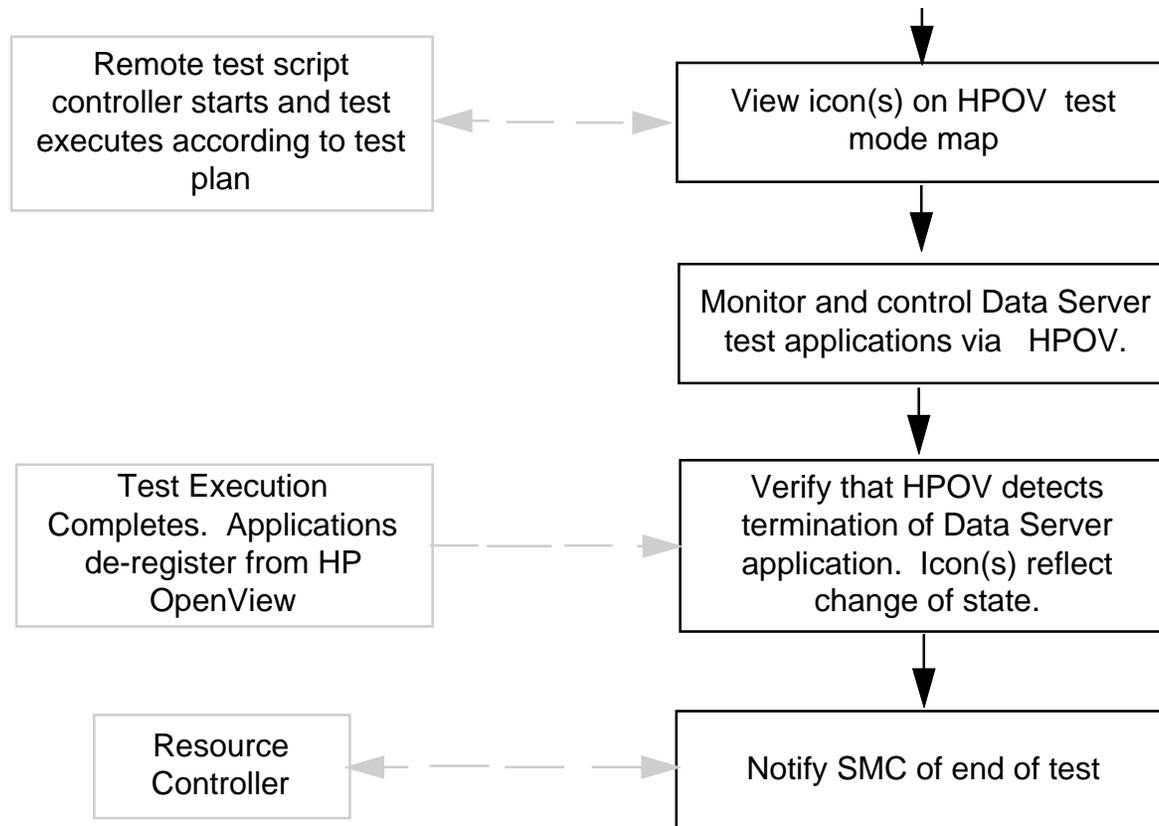


Activity: Mode Management Support
Role: Resource Manager

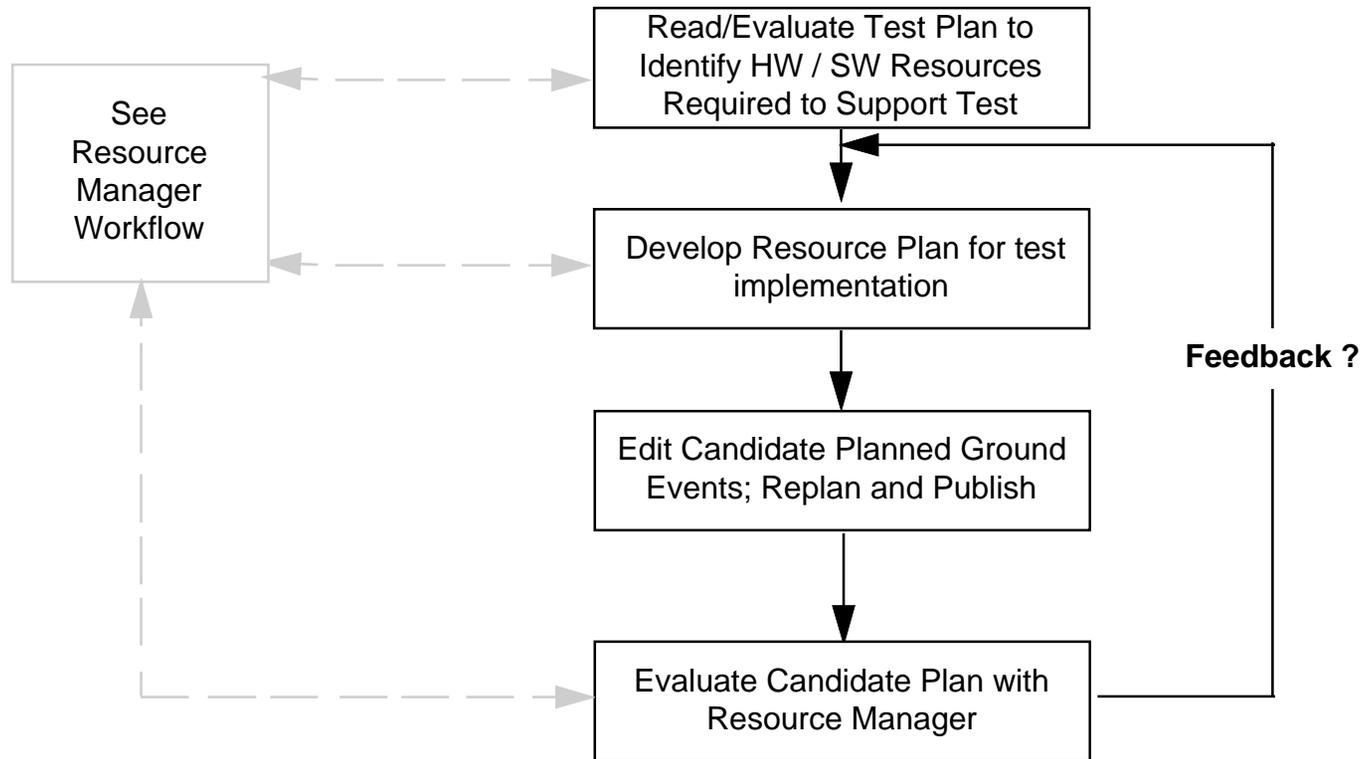




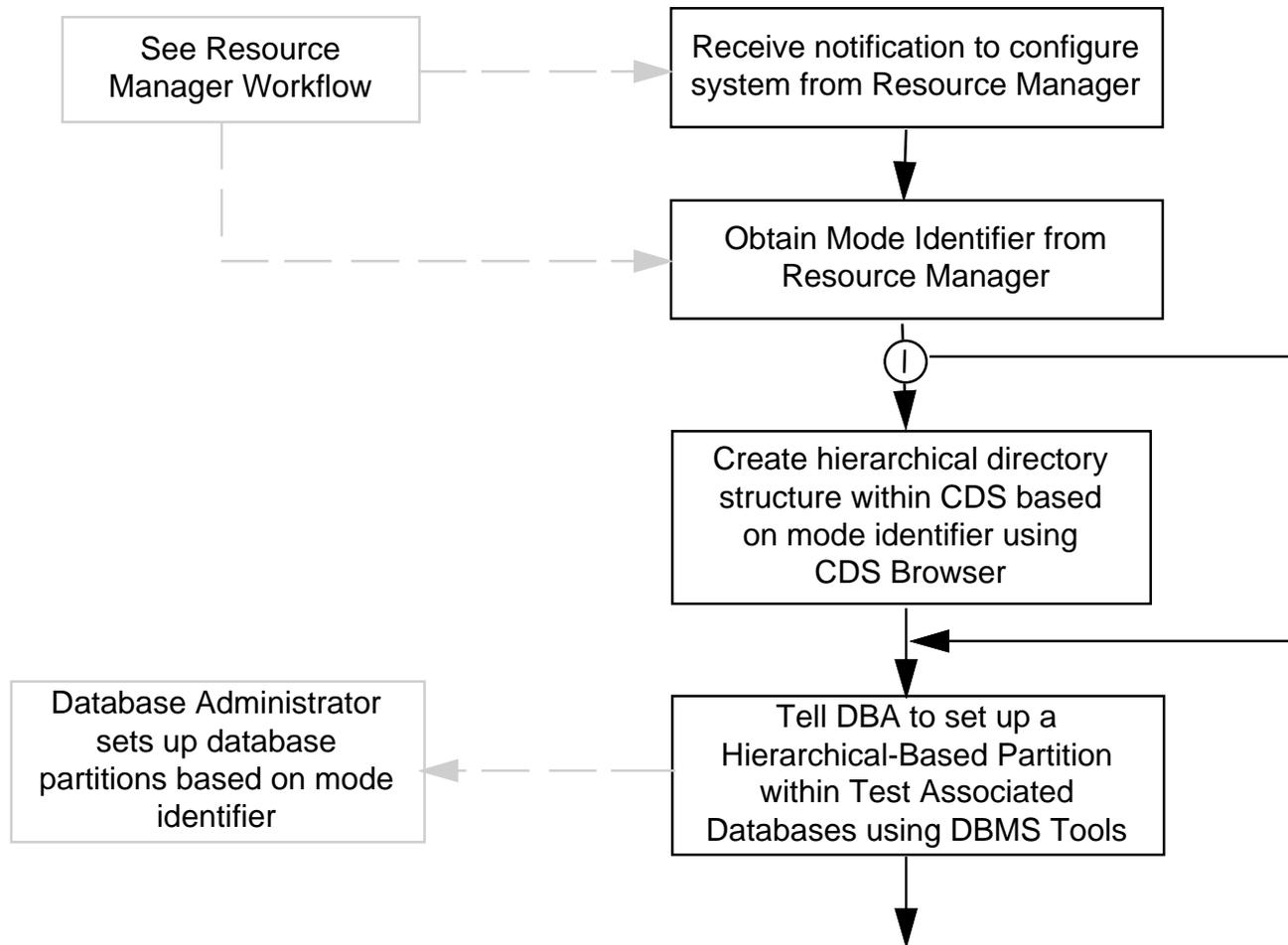


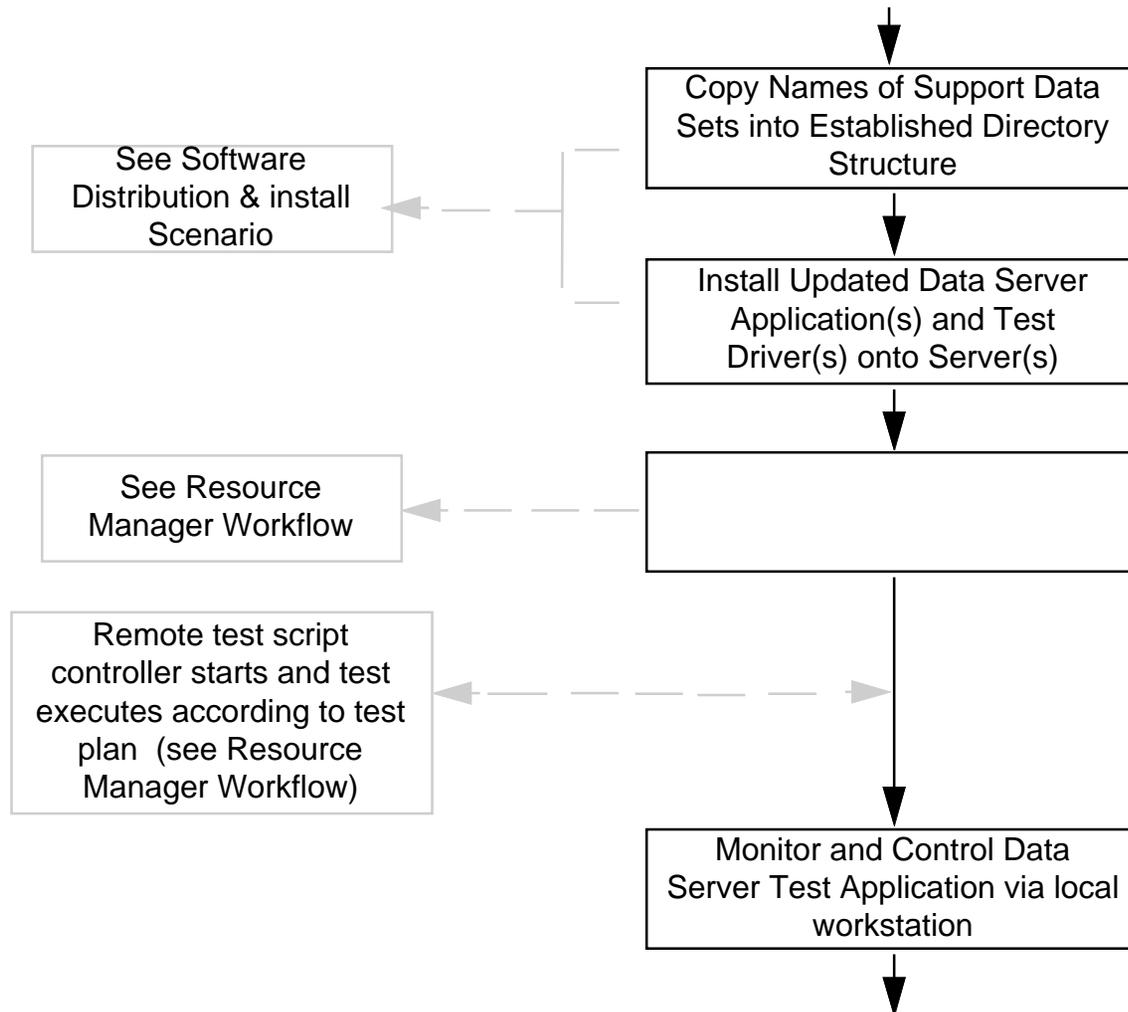


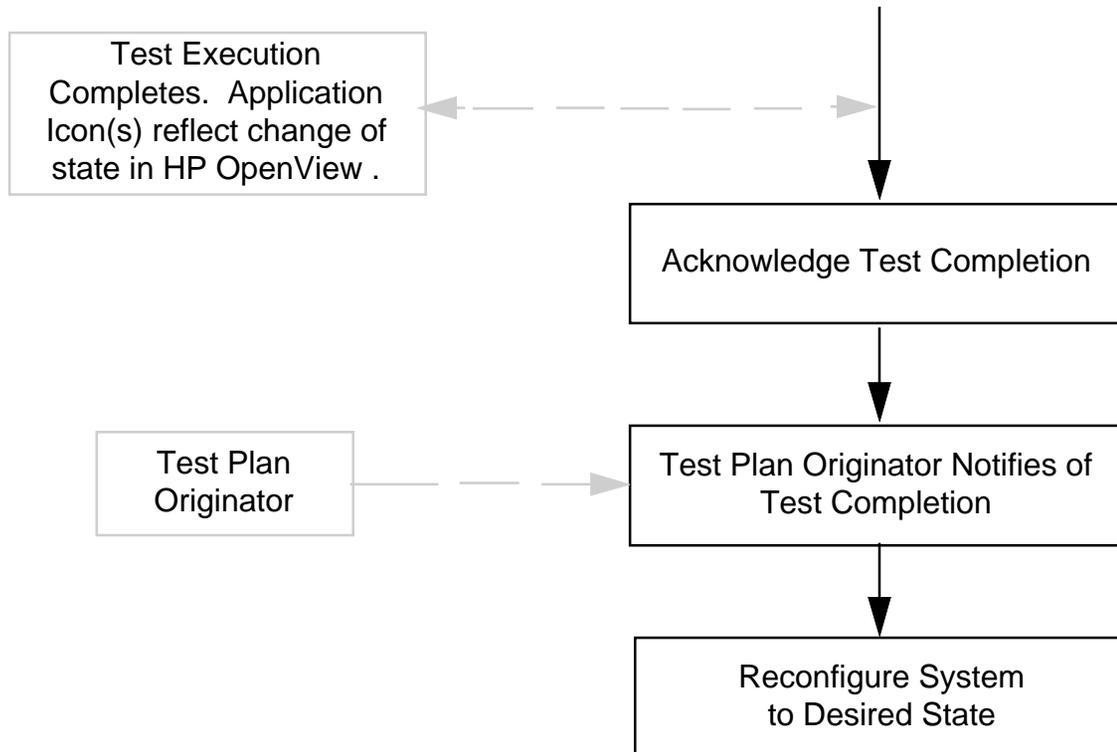
Activity: Mode Management Support
Role: Resource Planner



Activity: Mode Management Support
Role: System Administrator









Details I - Data Activity

Resource Manager Operator Function	Data Element	Operator Interactions (Edit, Input, Display)
1. MM Service Startup	mode simTime scriptCtrlHostLoc scriptCtrlname	Input Input Input Input
2. MM		



Details II - Data Activity

Resource Manager Operator Function	Data Element	Operator Interactions (Edit, Input, Display)
2. MM Monitor	appMode serverListening serverRpcsSent serverRpcRec simTime	Display Display Display Display Display
3. MM		



Details III - Data Activity

Resource Manager Operator Function	Data Element	Operator Interactions (Edit, Input, Display)
3. MM Control	suspendServer resumeServer stopServer startServer	Input Input Input