# HP Operations Orchestration Software Central

Software Version: 7.20

## Use Cases for Integrations with HP Applications


Document Release Date: July 2008

Software Release Date: July 2008

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# Use Cases for 7.20 HP Integrations

## Network Node Manager 8.0 (NNM)

1. To enhance the NNM problem resolution capabilities. A specific alert/event gets found by OM and reported to an operations person on the console. The operator than has the option of running a flow to resolve that problem.
2. Basically number 1, however the resolution being accomplished automatically.
3. Use node information from NNM to populate OO with information about these nodes and also node lists. This allows flows to dynamically change based on devices and statuses.

## Operations Manager 8 (OMU/OMW)

1. To enhance the OM problem resolution capabilities. A specific alert/event gets found by OM and reported to an operations person on the console. The operator than has the option of running a flow to resolve that problem.
2. Basically number 1, however the resolution being accomplished automatically.
3. Provide atomic configuration and status operations to PAS for Operations Manager configuration and administration. This allows administrators to use flows to automatically change or deploy monitoring to new and existing systems. Also devices can be put into "maintenance" mode.
4. Use node information from OM to populate OO with information about these nodes and also node lists. This allows flows to dynamically change based on devices and statuses.

## Service Manager 7 (SM)

1. Create/Update/Close tickets (incident/change/problem) from within a workflow. This allows a workflow to create, update, and close or escalate tickets based on the flow. With this everything that the flow does or finds can be populated into the tickets.
2. Verify that a change ticket is approved before allowing a change to be made.

## Universal CMDB (UCMDB)

1. Given the name of an Application, perform some action on specific CIs in the application. This gives administrators workflows that can act based on how an application is deployed. For example, the Service Aware Orchestration/Patch Service in Mixed Use Cases.
2. Given the name/id of a CI, find out what Applications it is a part of. This allows administrators the ability to create smart flows that know about applications. For example, if a given server is set to have a change made to this server, the flow can validate what applications that server is a part of and make sure that there are other servers available to service the application while this one is down.

### Storage Essentials (SE)

1. Storage Change process automation
   a. Create change ticket and wait for approval
   b. Once approved add/remove server HBA to the access control list of the volume
   c. Update change ticket
   d. Refresh the SE materialized views
   e. Prompt UCMDB to refresh its SRM state Information
   f. Close change ticket
2. Storage Provisioning
   a. Prompt for Server and HBA storage client and capacity
   b. Display all the storage arrays accessible to client
   c. Prompt user for array
   d. Seek and wait for storage admin approval
   e. provision new storage volumes
   f. create new HSG if necessary
   g. create a san zone and activate

## Mixed Use Cases

### Incident Management

1. Unauthorized change detected by NA and reported to NNM
2. Context-Sensitive run book launched to remediate network fault from NNM console
3. OO automatically acknowledges event and runs runbook
4. OO automatically opens trouble ticket and updates NNM
5. OO calls NA to perform a remediation to rollback change
6. OO validates success, closes ticket and incident

### Change Management/Business Service Provisioning

1. Ticket opened in Service Manager
2. SM launches OO flow to perform change once approved
3. OO coordinates change across devices/teams
   a. Client
   b. Server
   c. Network
   d. Storage
   e. Monitoring
4. Update SM ticket with all pertinent data from the provisioning and closes ticket

## Service Aware Orchestration/Patch Service

1. Ticket opened in Service Manager
2. SM launches OO flow to perform change once approved
3. OO validates change is approved
4. Queries UCMDB for list of devices for a given service
5. Coordinates patch of devices while maintaining the application's status via:
   a. Client
   b. Server
   c. Network
6. Updates and closes change ticket