CDDLM Discussion

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Job Management

Resource Allocation

Local Resource Management

Deployment

Resources

CDDLM I/F
Scenario 1: Simple Job Submission

1. Job Submission
   2. Resource Request
   3. Resource Brokering
   4. Allocated Resource
   5. Allocated Resource
   6. Deployment Request (CDDLM Content)
   7. Transfer Content & Attributes (CDDLM)
   8. Initiate Program
   9. Initiate Local Program

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WS-Agreement

CDDLM I/F
Scenario 2: Provisioning

Change Configuration (Add/Remove Some Resource) of Existing Contents

1. Overload Alarm from Resource Monitor
2. Request Additional Resource
3. Brokering Resource
4. Allocated Resource
5. Allocated Resource
6. Deployment Request (Configuration Definition of Additional Resource & Deployment Contents)
7. Transfer Content & Attributes for Additional Resource (CDDLM Content)
8. Initiate Program (Process Definition of Configuration Change)
9. Change Configuration

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Scenario 3: Failure Recovery

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