

EM DevXchange

Model Business Services for your Infrastructure with CA SOI

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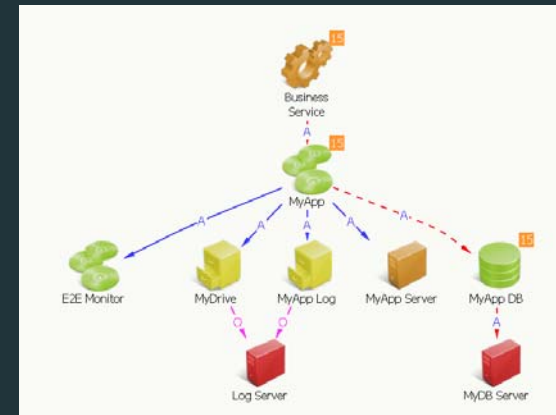
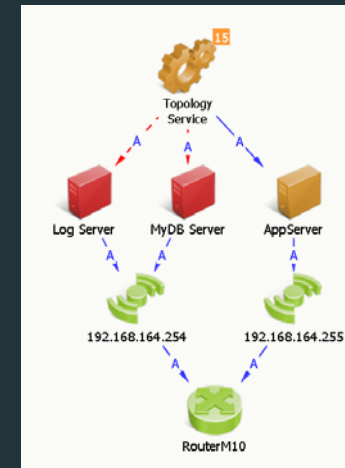


Agenda

- 1 **CLASSIFICATION OF SERVICES**
- 2 **BOTTOM-UP-APPROACH – IMPORTING SERVICES**
- 3 **TOP-DOWN-APPROACH – MANUALLY MODELING SERVICES**
- 4 **CREATING SERVICES VIA CLI**
- 5 **SERVICE DISCOVERY POLICIES**
- 6 **Q & A**

Classification of Services

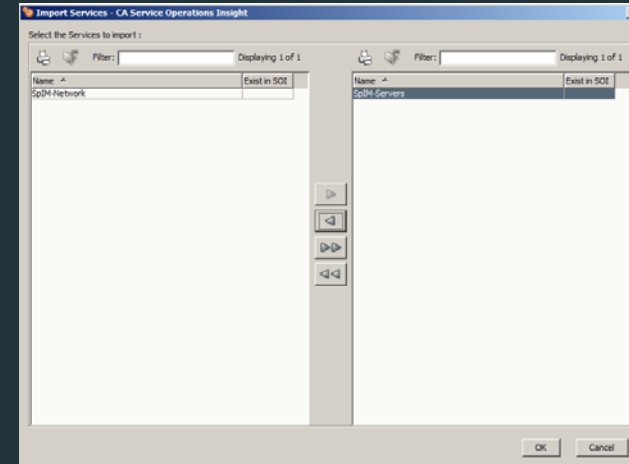
- Topology focused
 - Network Topology
 - Device-level CIs
- Business Application focused
 - Application Components
 - Granular CIs



Bottom-Up-Approach – Importing Services

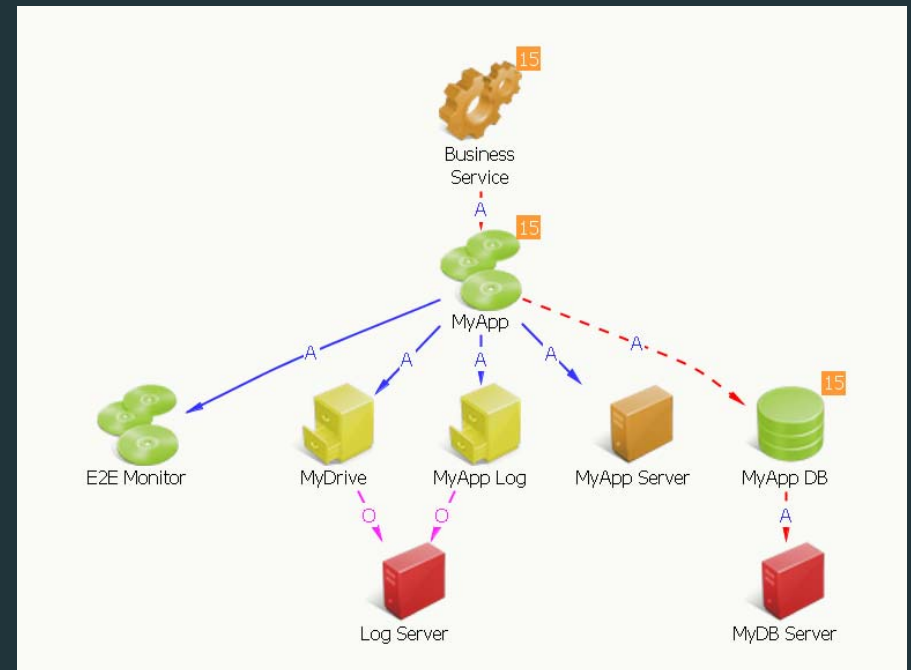
- Define Service on Domain Manager
 - Spectrum
 - CMDB
 - etc.
- Import Service to SOI
- Link stays active for Updates

Service Manager (3)	7	5	1
Services (2)	7	5	1
SpIM-Network (4)	7	4	1
"Cat2820 - 6.x"	1		
"Catalyst 1900"	1		
cv-2926-2	2	1	
RouterM10	2	3	1
SpIM-Servers (3)		1	
ADSERVER		1	
Nimsoft76.VMWareM...			
SOI33.VMWareMB.local			



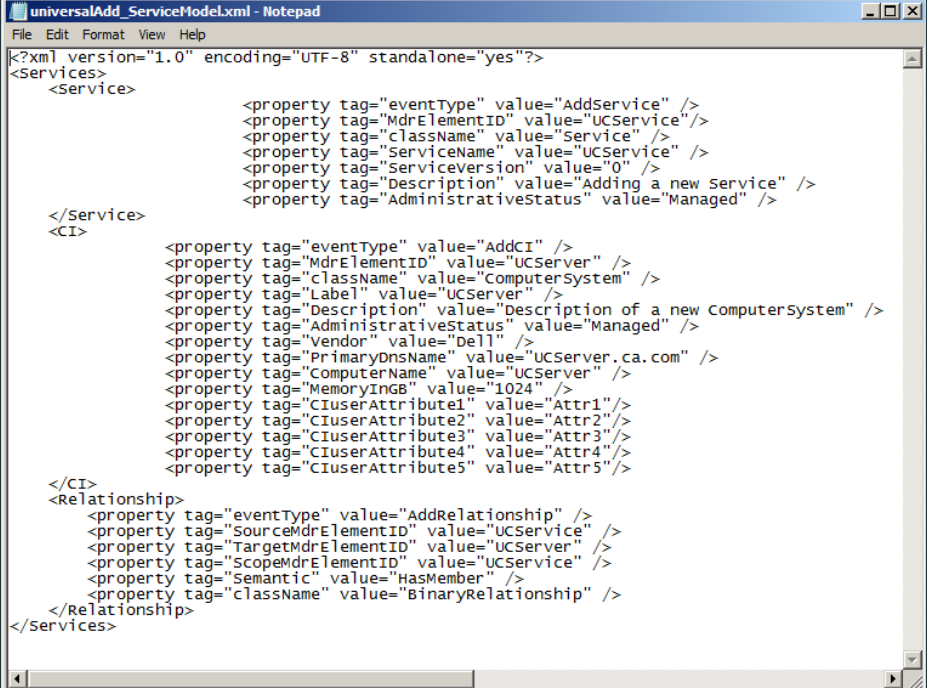
Top-Down-Approach – Manually Modeling Services

- Connectors provide CIs
- Select CIs in Service Modeler
- Create Relationships
- Define Rules



Creating Services via CLI

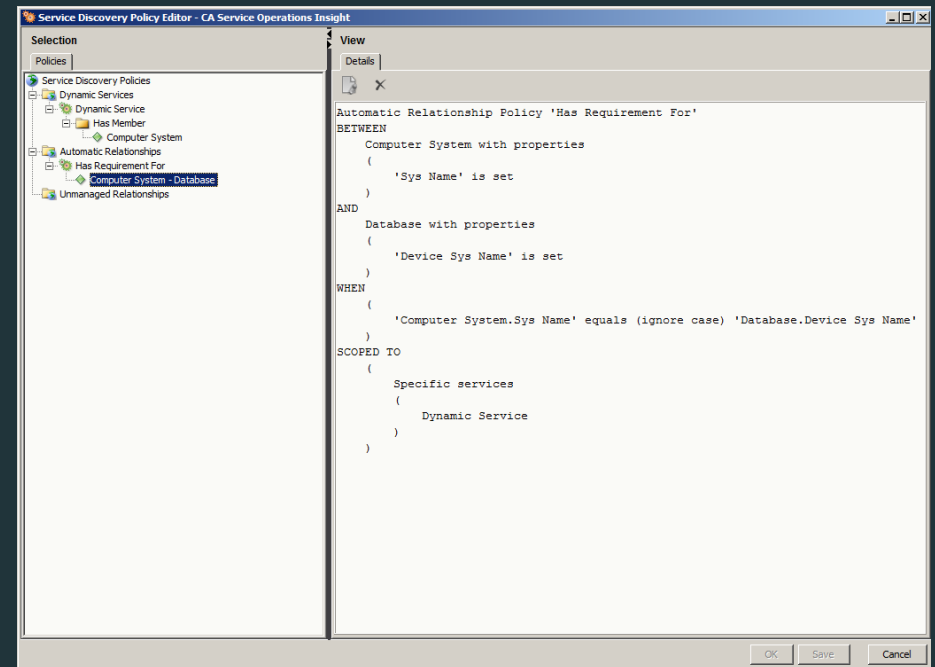
- Define Structure of Service
- Code XML File
- Use Universal Connector
- Easy Duplication



```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<Services>
  <Service>
    <property tag="eventType" value="AddService" />
    <property tag="MdrElementID" value="UCService" />
    <property tag="className" value="Service" />
    <property tag="serviceName" value="UCService" />
    <property tag="serviceversion" value="0" />
    <property tag="Description" value="Adding a new Service" />
    <property tag="AdministrativeStatus" value="Managed" />
  </Service>
  <CI>
    <property tag="eventType" value="AddCI" />
    <property tag="MdrElementID" value="UCServer" />
    <property tag="className" value="ComputerSystem" />
    <property tag="Label1" value="UCServer" />
    <property tag="Description" value="Description of a new ComputerSystem" />
    <property tag="AdministrativeStatus" value="Managed" />
    <property tag="Vendor" value="Dell" />
    <property tag="PrimaryDnsName" value="UCServer.ca.com" />
    <property tag="ComputerName" value="UCServer" />
    <property tag="MemoryInGB" value="1024" />
    <property tag="CIuserAttribute1" value="Attr1" />
    <property tag="CIuserAttribute2" value="Attr2" />
    <property tag="CIuserAttribute3" value="Attr3" />
    <property tag="CIuserAttribute4" value="Attr4" />
    <property tag="CIuserAttribute5" value="Attr5" />
  </CI>
  <Relationship>
    <property tag="eventType" value="AddRelationship" />
    <property tag="SourceMdrElementID" value="UCService" />
    <property tag="TargetMdrElementID" value="UCServer" />
    <property tag="ScopeMdrElementID" value="UCService" />
    <property tag="Semantic" value="HasMember" />
    <property tag="className" value="BinaryRelationship" />
  </Relationship>
</Services>
```

Services Discovery Policies

- Let SOI create Services
 - Service Level
 - Child Level
- Policy Editor
 - Define Dynamic Service Criteria
 - Define Relationship Criteria





Q & A



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