

Leverage Discovery

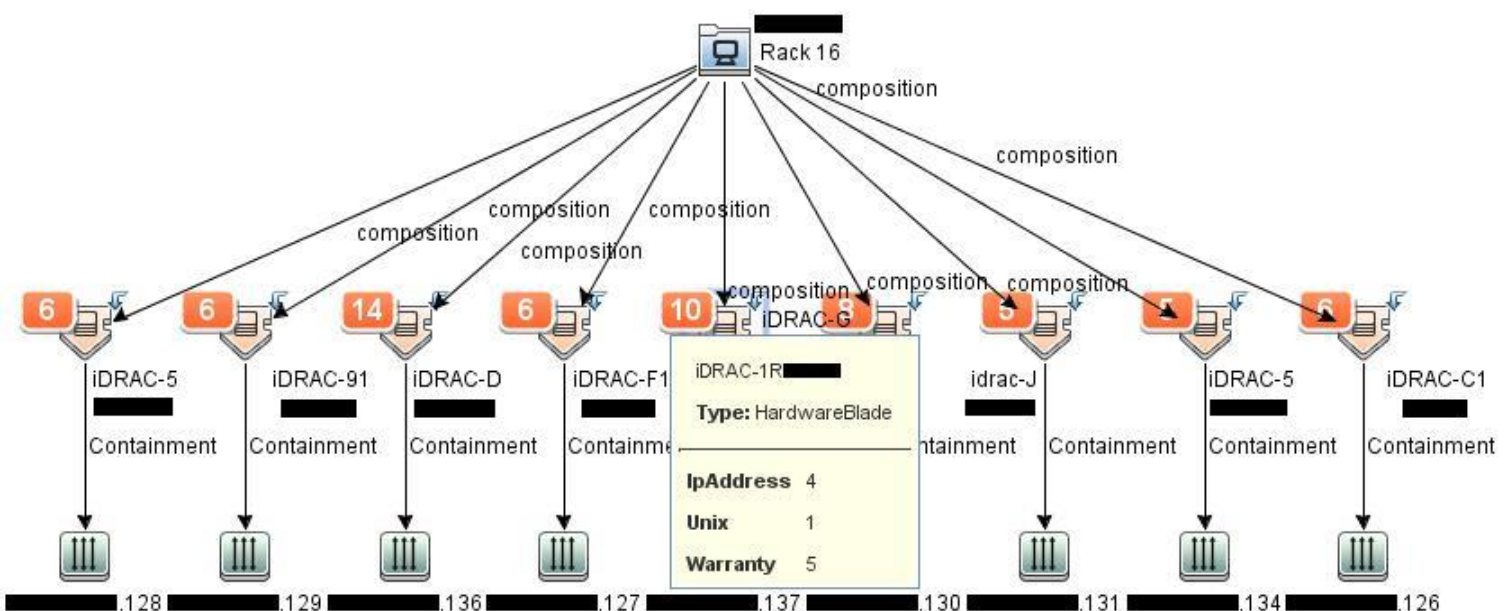
Package: Dell Hardware

This package provides similar coverage to the HP and IBM packages created previously. It uses multiple protocols (HTTPS/SNMP/SSH) to discover Dell Remote Access Cards (DRACs) installed or embedded in stand-alone servers, blades in enclosures, and enclosures themselves (where the DRAC is the CMC).

The Dell Hardware package starts by discovering the existence of the DRACs, then follows the Spiral Discovery process to find DRAC type/versions, machine hardware context, and chassis information. It also creates the IP Addresses and Service Endpoints for the remote management URLs, which are triggered up by my SSL Certificate package - if you have that running. The scripts remove invalid CIs created by OOB jobs that might qualify management cards (DRACs) as types they are not; several ones created by OOB jobs include: Network Devices, Unix Servers, and VMware Servers. An enrichment is available to connect the hardware blade to the discovered OS instance. And the last job communicates with the authorized Dell web service to gather corresponding Asset and Warranty data. Basically soup-to-nuts hardware discovery for Dell, across several protocols - depending on the way your company configured the DRAC devices at deployment.

Sample Output

The first snapshot illustrates a simple topology with 9 blades in one enclosure:



The last two snapshots shows the difference between a DRAC discovered from an enclosure (left) verses a DRAC discovered from a blade (right):

Configuration Item Properties

Name: Dell Rack System - [REDACTED] ID: b745fd248ec3ce2d783ad4fe51f13 CI Type: HardwareBlac

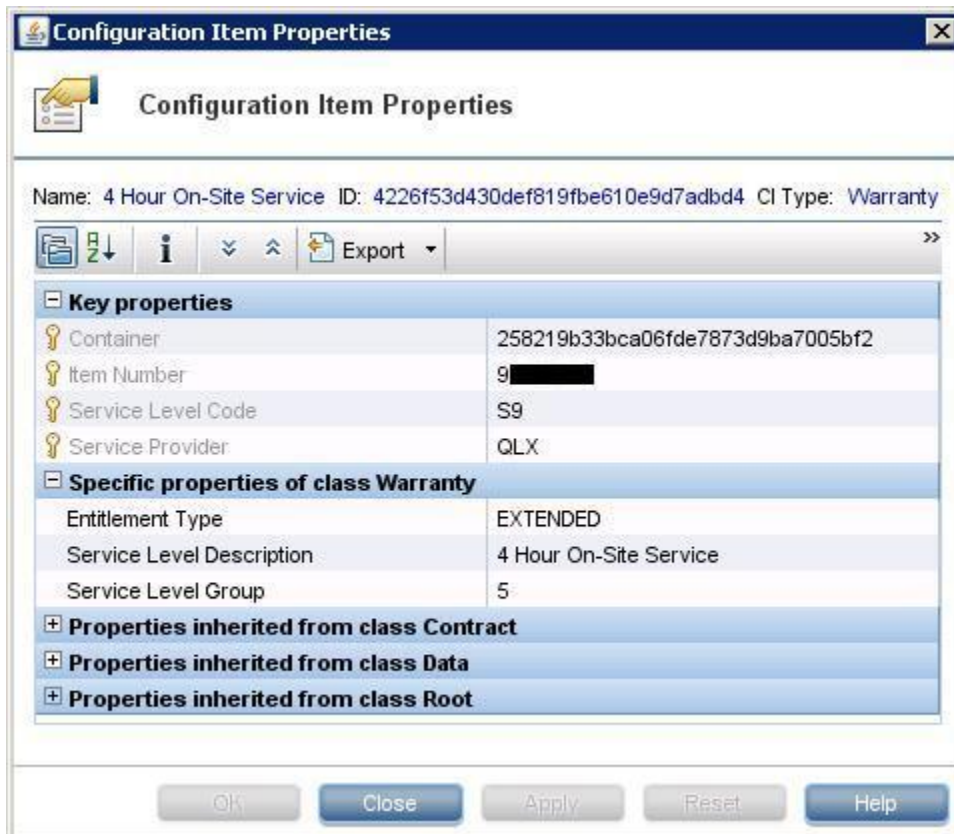
Chassis bay number	LOCAL (1)
classification	infrastructure
Component Asset Tag	00000
Component CPUs	
Component MAC addresses	[REDACTED]:97:FA]
Component Manufacturer	
Component Memory	
Component Product	PowerEdge M1000e
Component Type	Management Board
Component UUID	
Create Time	Mon Jun 9 2014 10:21 AM MST
Created By	UCMDBDiscovery: DRAC by SNMP
Deletion Candidate Period	20
Description	PE M1000e Enclosure Noble
Discovered by SNMP	True
Discovered by SSH	True
Display Label	Dell Rack System - [REDACTED]
Enable Aging	True
Global Id	b745fd248ec3ce2d783ad4fe51f131cc
Is Candidate For Deletion	False
Is Virtual	False
Last Access Time	Mon Aug 11 2014 06:40 PM MST
LastModifiedTime	Mon Aug 11 2014 06:40 PM MST
layer	infrastructure
Management Firmware Vers...	4.40
Management IP Address	[REDACTED].16
Management MAC Address	
Management Name	PowerEdge M1000e
Management Type	
Management URL	https://[REDACTED]:16:443
Max Warranty End Date	Sun Jan 26 2014 11:59 PM MST
Name	Chassis Management Controller
Note	
Order Number	58[REDACTED]
Origin	
OS Name	
OS Type	
SerialNumber	[REDACTED]
Service Number	
Ship Date	Wed Jan 26 2011 12:00 AM MST
SysDescription	This system component provides a complete set of re...
SysLocation	Corporate Data Center Rack I-9

Configuration Item Properties

Name: iDRAC-1R [REDACTED] ID: 258219b33bca06fde7873d9ba7005bf2 CI Type: HardwareBlade

Chassis bay number	12
classification	infrastructure
Component Asset Tag	
Component CPUs	
Component MAC addresses	[REDACTED]:D9:7A, [REDACTED]:D9:78]
Component Manufacturer	
Component Memory	
Component Product	PowerEdge M610
Component Type	Server Board
Component UUID	
Create Time	Mon Jun 30 2014 07:35 PM MST
Created By	UCMDBDiscovery: Dell RAC by SNMP
Deletion Candidate Period	20
Description	PE M610 Onceler
Discovered by SNMP	True
Discovered by SSH	True
Display Label	iDRAC-1R [REDACTED]
Enable Aging	True
Global Id	258219b33bca06fde7873d9ba7005bf2
Is Candidate For Deletion	False
Is Virtual	False
Last Access Time	Mon Aug 11 2014 08:12 PM MST
LastModifiedTime	Sun Aug 10 2014 07:07 PM MST
layer	infrastructure
Management Firmware Version	3.02.08
Management IP Address	[REDACTED].137
Management MAC Address	
Management Name	iDRAC
Management Type	
Management URL	https://[REDACTED]:137:443
Max Warranty End Date	Wed Dec 10 2014 11:59 PM MST
Name	Integrated Dell Remote Access Controller
Note	
Order Number	54[REDACTED]
Origin	
OS Name	EC [REDACTED]
OS Type	
SerialNumber	1R [REDACTED]
Service Number	
Ship Date	Fri Dec 10 2010 12:00 AM MST
SysDescription	Linux iDRAC-1R [REDACTED] 2.6.24-ami #1 Sat Sep 25 02...
SysLocation	Unknown

The next snapshot illustrates a Warranty pulled directly from Dell, associated with a specific blade:



For more information please contact Leverage Discovery:

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