Smart Proxy - Feature #5440

Support image provisioning, bios, and raid management through Dell Lifecycle Controller

04/25/2014 01:26 AM - Justin Bovee

Status:	New		
Priority:	Normal		
Assignee:			
Category:	BMC		
Target version:			
Difficulty:		**Fixed in Releases:**	
Triaged:		**Found in Releases:**	
Bugzilla link:		**Red Hat JIRA:**	
Pull request:			

Description

Dell provides a way to set bios values, configure RAID, and provision through the LCC.
All hardware fact information can be gathered through LLC allowing the ability to control the server before install. This also allows control across environments which do not allow for PXE boot or an interface cannot be made available for administration.

http://en.community.dell.com/techcenter/systems-management/w/wiki/1979.lifecycle-controller.aspx

Guide to scripting control of the LLC
http://en.community.dell.com/techcenter/extras/m/white_papers/20438394.aspx

Collection of wsman scripts for managing and configuring the server through the LLC2 including provisioning scripts
http://en.community.dell.com/techcenter/extras/m/white_papers/20066181.aspx

github project for Dell-ASM ruby module to be used with Puppet (It allows configuration of BIOS, Raid, and Network settings but doesn't provision)
https://github.com/dell-asm/dell-idrac

I am not a developer nor sure how to start the plugin for this at all but would be glad to help out where ever I could to get this feature going

History

#1 - 04/25/2014 07:42 AM - Dominic Cleal

- Category set to BMC

#2 - 05/08/2014 08:32 PM - Justin Bovee

More data to make this easier to implement. I am learning Ruby to try and implement.

Example WSMAN Command
wsman enumerate http://schemas.dmtf.org/wbem/wscim/1/cim-schema/2/root/dcim/DCIM_NICView -h <hostname> -V -v -c dummy.cert -P 443 -u <user> -p <password> -j utf-8 -y basic

WSMAN Schemas I would like seen pulled for facts for each host
System fact information
http://schemas.dmtf.org/wbem/wscim/1/cim-schema/2/root/dcim/DCIM_SystemView
RAID Controller
http://schemas.dmtf.org/wbem/wscim/1/cim-schema/2/root/dcim/DCIM_ControllerView
NIC Information
http://schemas.dmtf.org/wbem/wscim/1/cim-schema/2/root/dcim/DCIM_NICView
Memory Information
http://schemas.dmtf.org/wbem/wscim/1/cim-schema/2/root/dcim/DCIM_MemoryView