

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		
<p>Dell provides a way to set bios values, configure RAID, and provision through the LCC.</p> <p>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.</p> <p>http://en.community.dell.com/techcenter/systems-management/w/wiki/1979.lifecycle-controller.aspx</p> <p>Guide to scripting control of the LLC</p> <p>http://en.community.dell.com/techcenter/extras/m/white_papers/20438394.aspx</p> <p>Collection of wsman scripts for managing and configuring the server through the LLC2 including provisioning scripts</p> <p>http://en.community.dell.com/techcenter/extras/m/white_papers/20066181.aspx</p> <p>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)</p> <p>https://github.com/dell-asm/dell-idrac</p> <p>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</p>		

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