

Foreman - Feature #1694

Add IPMI like support for non IPMI users

06/20/2012 12:49 PM - Corey Osman

Status: New	
Priority: Normal	
Assignee:	
Category:	
Target version:	
Difficulty:	Fixed in Releases:
Triaged:	Found in Releases:
Bugzilla link:	Red Hat JIRA:
Pull request:	
Description	
<p>Some users are using super basic hardware for compute clusters and don't have IPMI to control and read Motherboard specific things.</p> <p>I believe we can add IPMI like functionality to foreman via smart-proxy with the following methods.</p> <ol style="list-style-type: none">1. implement ssh like login to run one off commands and pass pack value using Capistrano or a much better method2. Use mcollective to run commands and pass back values via custom mcollective plugins <p>If going the mcollective route users should be able to write their own mcollective plugins and choose which plugin to use as their IPMI like command.</p> <p>Out of the box Foreman could supply basic mcollective plugins that would work on the majority of systems.</p> <p>A generic IPMI like interface would look something like this and require the user to map the mcollective plugins to each command:</p> <pre>-- Reboot = mcollective.plugins.os.reboot -- Restart = mcollective.plugins.os.restart -- Read Fan1 = mcollective.plugins.sensors.fan1 -- Read Temp1 = mcollective.plugins.sensors.temp1 -- Boot Control = mcollective.plugins.bios.bootcontrol -- PS1 Status = mcollective.sensors.ps1status</pre>	

History

#1 - 05/08/2013 08:43 AM - Ohad Levy

this was partly done in the shell provider for bmc.