Goals of XC System Management Usability BOF

- Facilitate direct conversation between customers and feature developers
- Draw upon experiences with CLE 6
- Identify areas of improvement within the product
- Identify industry standards or software which would be valuable
- Determine which aspects of software people use the most and want enhanced first
Results from CUG 2017

● BOF discussion led to change in how eLogin nodes are managed!
  ● Replacement of CMC/eLogin product based on CSMS and OpenStack software with SMW/eLogin
    ● See first part of tutorial from Monday
      ● Managing SMW/eLogin and ARM XC nodes
Suggested Discussion Topics

- What is best part of management software?
- What is done well with system management?
- What is worst part of management software?
- What can be improved with system management?

Possible areas:

- Configuration management
- Image management
- Software installation, updates, patches
- System management documentation
- Customization and flexibility
- Managing multiple systems
Configuration Management

- Too much or too little?
- How valuable is cfgset validation?
- How useful has nodegroups been?
- How are you backing up cfgsets, if at all?
- Is anyone using anything other than Ansible?
- Is there a more preferable method to do configuration?
- What kinds of Ansible plays are you finding yourself needing to write as site-local playbooks?
- Would there be value in sharing the Ansible plays?
Image Management

- How often are you making custom image recipes?
- How useful is the image root format?
- Would you prefer to use another image building tool?
  - diskimage-builder (DIB)
  - imagefactory
  - KIWI – next generation
  - packer
  - Others?
- How valuable would capturing live node images be?
Software installation, updates, patches

- Are the processes working well?
- What could be improved?
- Are you using Live Updates?
  - What kinds of software are you installing post-boot?
- Are you using docker/shifter containers?
- Would your site make use of online software repositories, if made available?
- How can we make the patching process better?
System Management Documentation

● What is explained or described well?
● Is there any particular document which is most helpful?
● Is there any particular document which needs more work?
● Is locating the information you need easy or difficult?
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Q&A

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