

HPE Performance Cluster Manager (HPCM) Update

The proposed Birds of a Feather will provide a brief overview of HPCM and focus on new features that would be of interest to CUG attendees. The presentation will be followed by discussion between HPE engineers and customers.

The brief overview presentation will cover the following HPCM capabilities:

- Hardware monitoring and management.
- Network monitoring and management
- Power monitoring and management
- Provisioning and Image management capabilities
- Cluster Health functionality
- Single interface for all firmware updates/flashing
- Scalability / Resiliency

New features of interest will include

- Enhanced Slingshot Monitoring
 - o Fabric
 - o Switch
 - o Node
- Service and Infrastructure Monitoring
 - o HPCM core services
 - o Monitoring service
 - o SNMP monitoring for management switches
- Tech previews for LDMS and TimeScaleDB
- AIOPs anomaly detection for IT metrics
 - o Overview of what AIOPs is
 - o Discussion of what metric categorizes AIOPs covers
 - o Presentation tiers for cooling devices and for IT metrics in grafana

Discussion topics to be suggested will include

- Image management tips and tricks
 - o Integration of COS, CPE, RoCM, Slingshot Host Software
- Use of Cluster Health Check in production
 - o WLM manager example
 - o System bring up examples