



# SLURM BoF



**SC14**  
New Orleans, LA | **hpc**  
**matters.**



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# Topics

- **SLURM Experience on Cray XE/XK/XC**
- **Cray Input to SLURM Roadmap**

# Interest in SLURM is Growing!

- **37,400+ Cray XE/XC sockets running SLURM**
  - Additional 4,000+ Cray CS sockets
- **Significant growth in last year**
- **Active evaluations on-going**

# SLURM Experience on Cray XE/XK/XC



- **SLURM w/ALPS**

- CSCS
- Canadian Govt
- CSC Finland
- Hong Kong Sanatorium & Hospital
- iVEC/Pawsey
- KTH Royal Institute of Technology
- NOAA
- NVIDIA
- Tokyo Institute of Technology
- TOTAL E&P Research & Technology USA, LLC.

- **Native SLURM (only available on Cray XC)**

- US Govt



# Cray SLURM Strategy

Over and above everything else, customers running SLURM will be on the SLURM community feature roadmap.

- Customers will get the features planned and developed by SchedMD and community developers

**Cray does not have plans to add enhancements to SLURM**

- Cray is not in the WLM business
- Cray will advocate for our SLURM customers



# Advocates for our customer's interests

- **Cray Input to SLURM Roadmap**
  - *Cray specific features including*
    - *Cray DataWarp*
    - Power Management and Power Aware Scheduling
    - Cray platform support
  - Scaling and Job Launch performance enhancements
  - Customer requested changes

## In closing...

- Cray systems running SLURM is growing
- Cray intends to be an advocate for customers to SLURM community



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