Live Poll: https://tinyurl.com/sc19bot

SAND2019-14093C

SC19 BOF: Containers in HPC

SAND2019-XXXX C
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Live Poll https://tinyurl.com/sc19bof
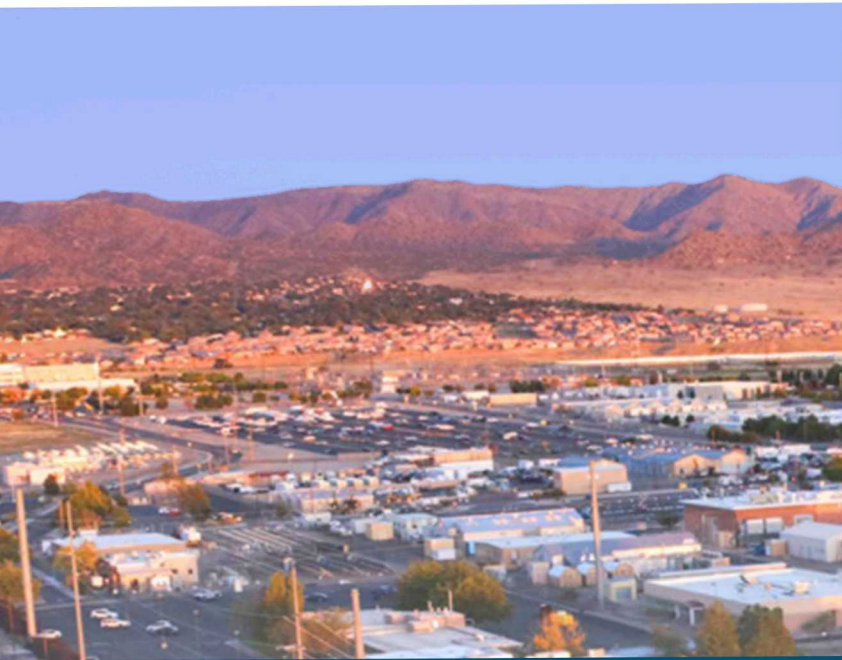
Lightning Talks – Container Experts

Live Poll: https://tinyurl.com/sc19bof

Shane

Reid

CJ
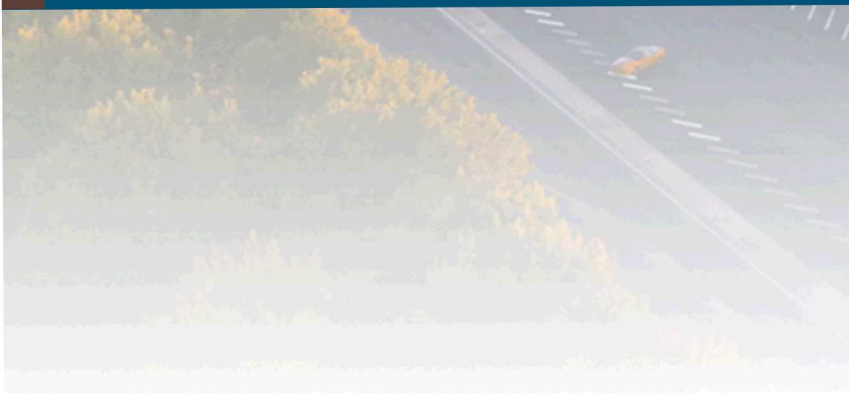
Bill

Vanessa
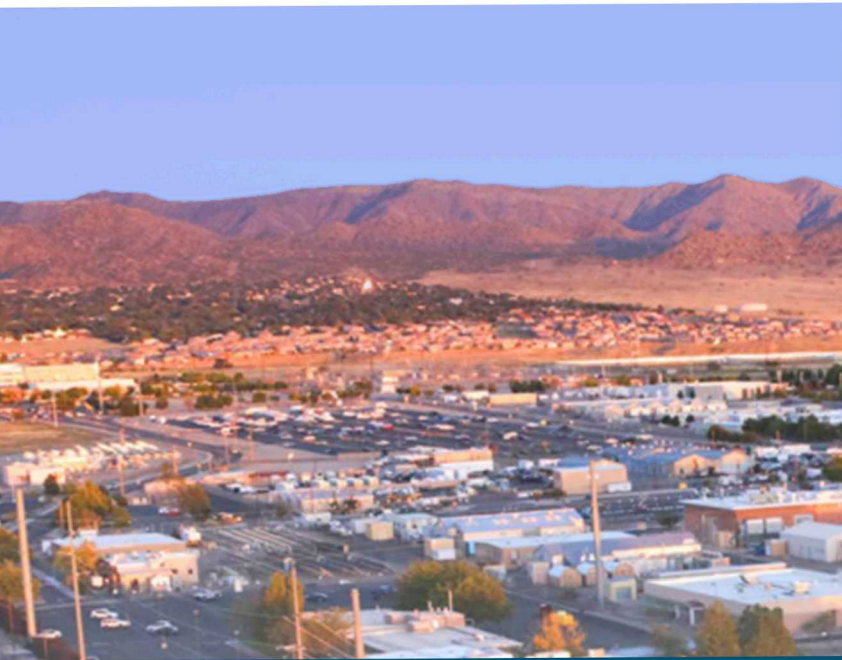
Live Polling Results

Live Poll: https://tinyurl.com/sc19bof

Panel Session

Live Poll: https://tinyurl.com/sc19bof
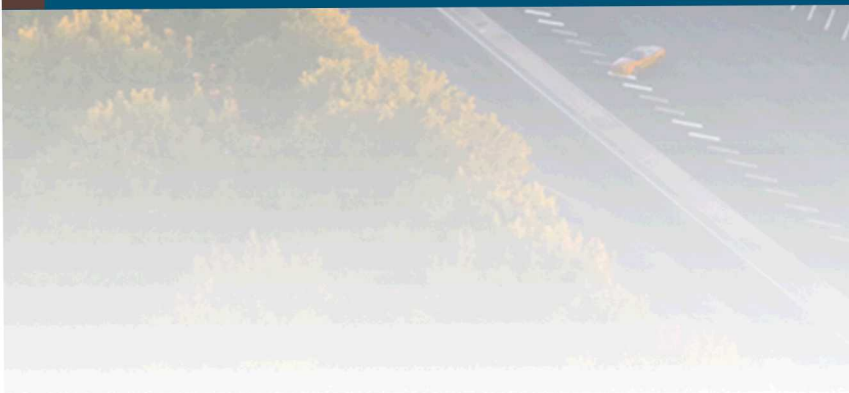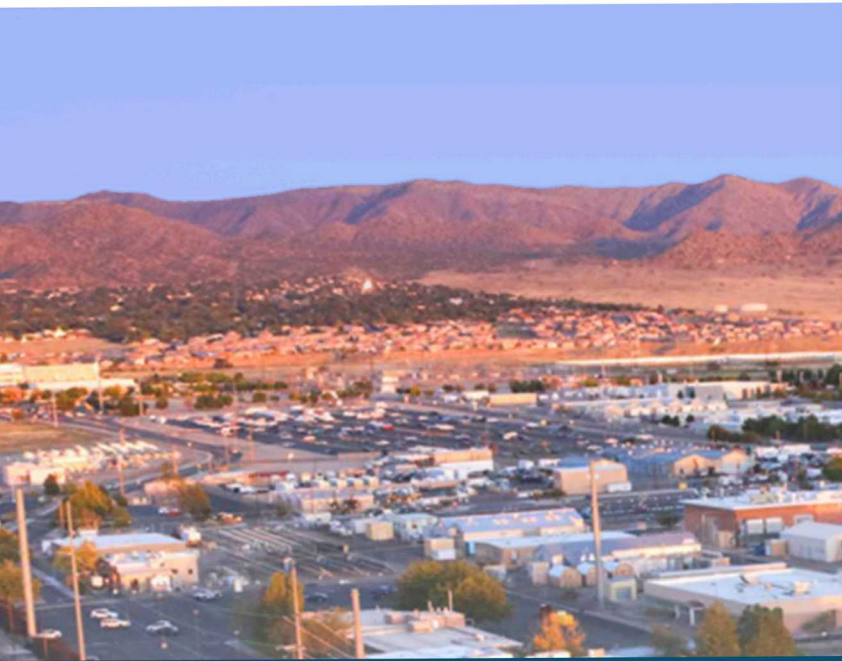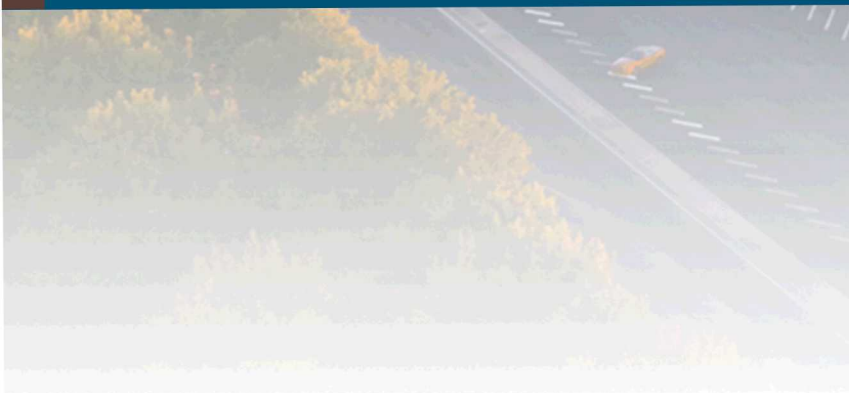
Panelists

- Shane Canon – NERSC/LBNL
- Reid Priedhorsky – LANL
- CJ Newburn – NVIDIA
- Bill Sparks – Cray

Question #1: Container Best Practices

- What are some best practices that users and facilities can invoke to ensure consistent usage and performance portability with HPC containers?
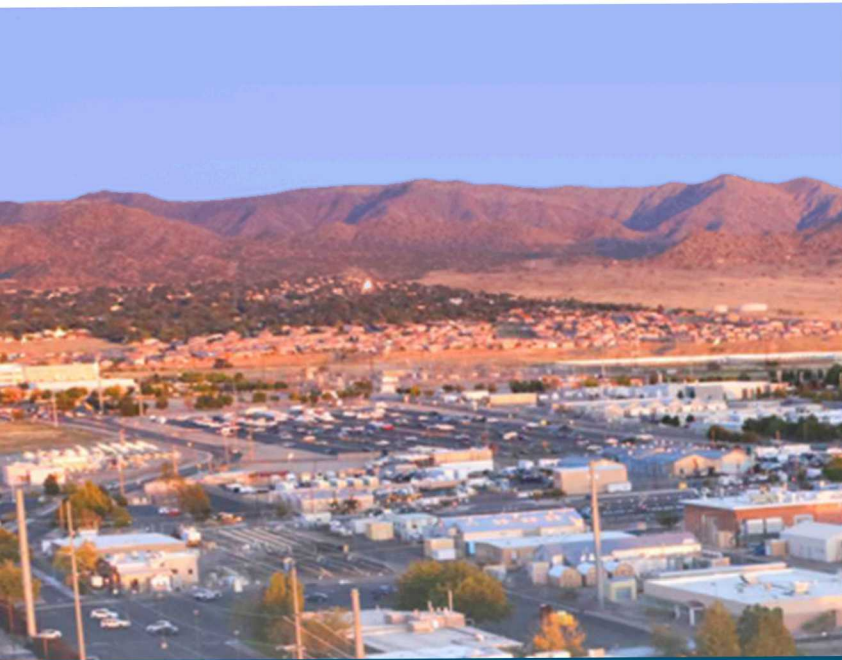
Question #2. Security

- What are the key security considerations when using containers in production HPC facilities?
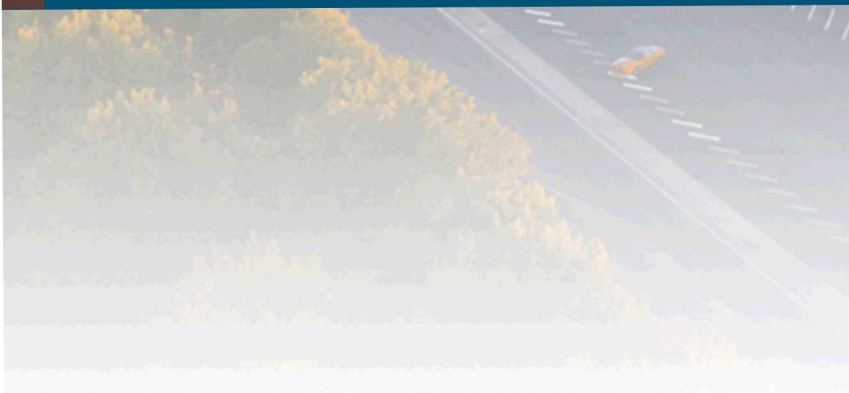
Question #3: Container Services

- Should HPC facilities embrace or support service-based container orchestration frameworks?(eg: Kubernetes, OpenShift, Docker Swarm, etc)

- If so, what challenges exist in integrating orchestration services with traditional HPC batch schedulers?

Question #4: Exascale and Beyond

- What are some of the biggest changes or advances still to come with containers at Exascale?

- What are emerging challenges for containers especially in an HPC context?

Live Poll Results (again)

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