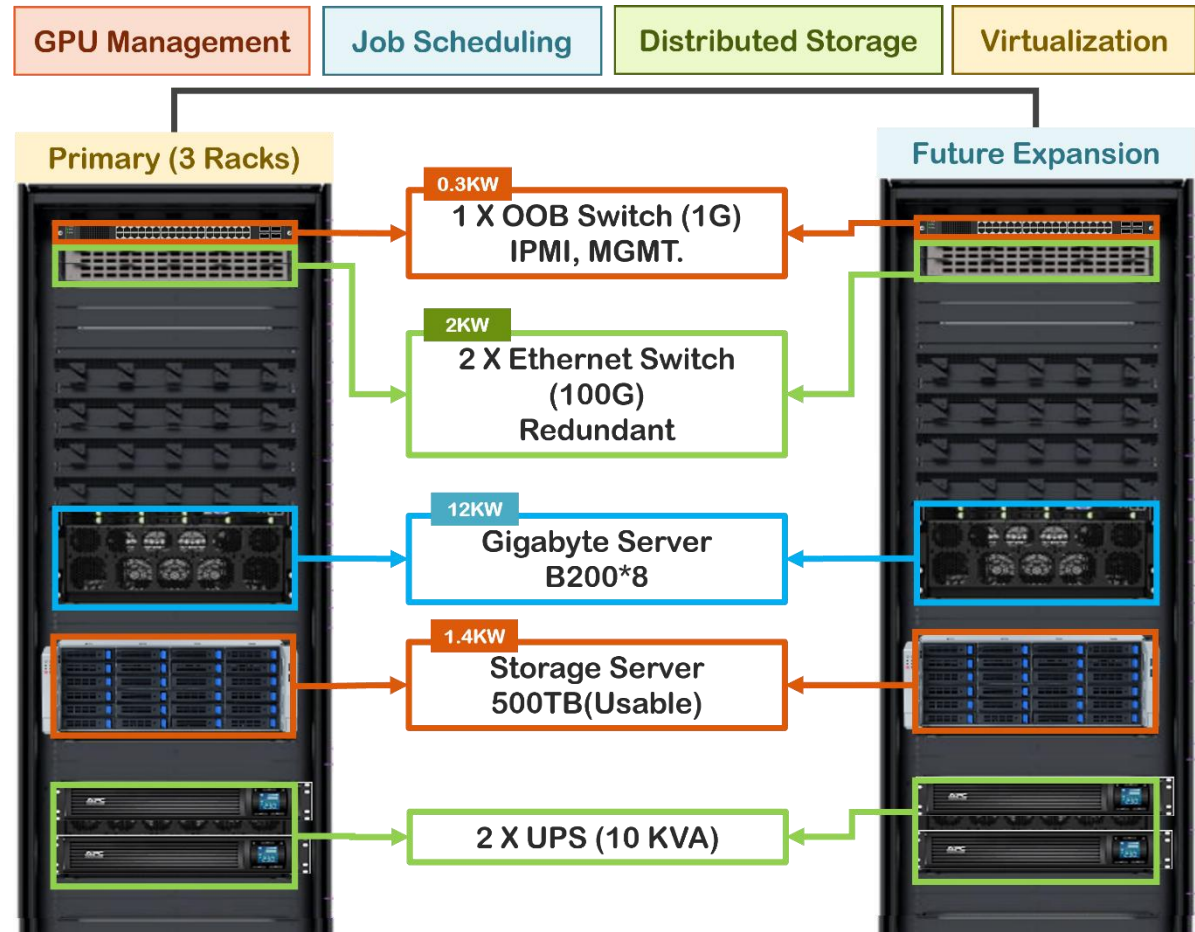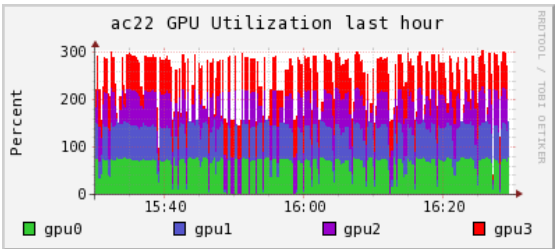# TeamMax DGX/HPC Server Alternative

TEAMMAX

Our services include integrated system deployment and comprehensive user tutorials

GPU Management	Job Scheduling	Distributed Storage	Virtualization

Primary (3 Racks) | **Future Expansion**

0.3KW
1 X OOB Switch (1G)
IPMI, MGMT.

2KW
2 X Ethernet Switch (100G) Redundant

12KW
Gigabyte Server B200*8

1.4KW
Storage Server 500TB(Usable)

2 X UPS (10 KVA)

Ganglia

Ganglia is an open-source, scalable distributed monitoring system designed for high-performance computing (HPC) environments such as clusters and grids. It provides real-time monitoring and historical performance data across all of nodes.

- ☐ **Scalable Monitoring**
- ☐ **Cross-Platform Support**
- ☐ **Web-Based Visualization**
- ☐ **Modular and Extensible**
- ☐ **Cluster-Aware View**

ac22 GPU Utilization last hour
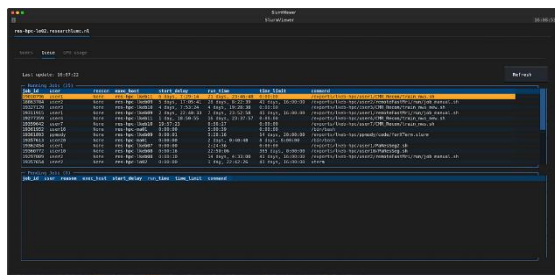
■ gpu0   ■ gpu1   ■ gpu2   ■ gpu3

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Slurm is an open-source, highly scalable workload manager used to schedule and manage jobs on large-scale Linux clusters. It is widely adopted in high-performance computing environments

- ☐ **Job Scheduling and Queuing**
- ☐ **Flexible Partitioning**
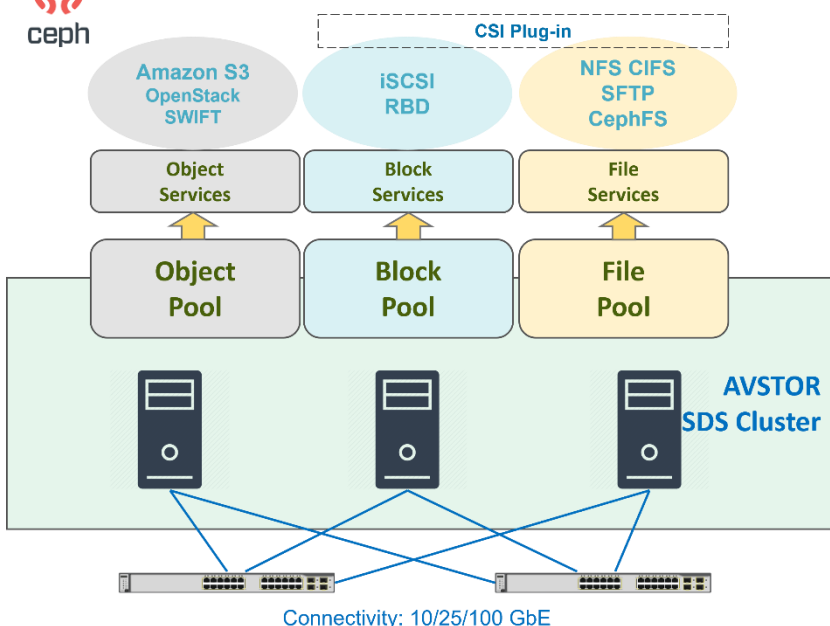- ☐ **Accounting and Fair Share Policies**
- ☐ **Command-Line and API Access**

Virtualization Management TeamMax VM HA⁺

- Snapshot and Cloning Functionality
- Role-Based Access Control (RBAC)
- Centralized Web-Based Interface
- Automated Resource Scheduling & Load Balancing
- Template-Based VM Deployment

QEMU

KVM

Distributed Storage
AVSTOR Software Defined Storage

Connectivity: 10/25/100 GbE

- **All-in-One Platform:** Enterprise-grade unified storage platform with scale-out architecture
- **Self-developed a high-performance storage I/O engine**
- **Scale-out with simplicity and linear performance**
- **Online node expansion WITHOUT service impact**
- **Data Protection with Tunable (ex. RF2, RF3) and supports Rack-aware replication**
- **Data passage between File(CIFS/NFS) and S3.**
- **Rich features of S3 including S3 tiering, S3 versioning, S3 audit log**
- **Remote replication (iSCSI, NFS/CIFS, S3)**
- **100G throughput**