TSUBAME3.0 Storage Environment

Today

- ✓ Easy to use and administrate high-performance, high-capacity HPC environment
- ✓ 3 x ES14K @ 5.3 PB each
- ✓ EXAScaler 3.x DDN Enhanced Lustre File Systems
- ✓ Standard access to high-performance storage through SMB/CIFS
- ✓ 2 x high-performance scale-out NAS systems for user home directories, with 36 and 45 TB usable capacity

Unique Features

- ✓ Simplified storage management through versatile, large-capacity file systems
- ✓ Enhanced usability through new features, such as project quotas or job-level monitoring
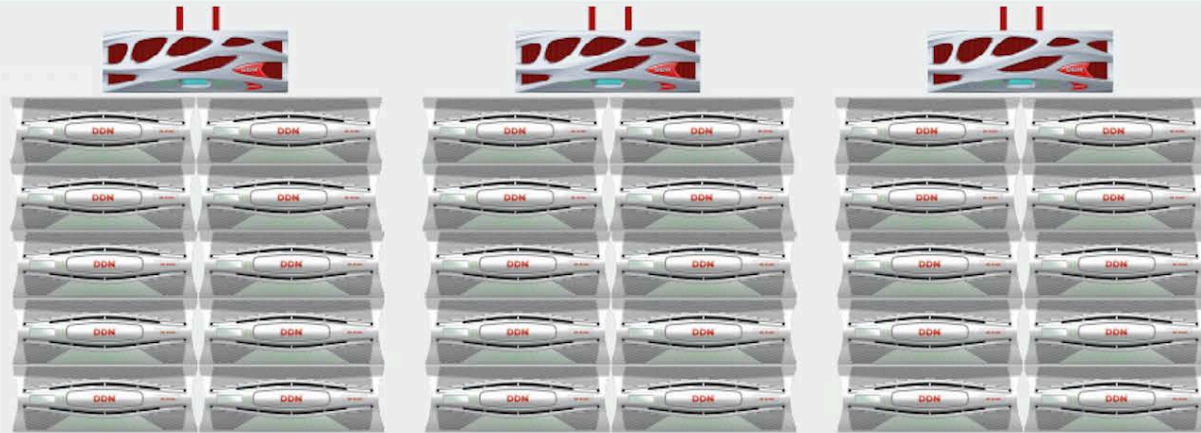- ✓ 15.9 PB capacity in less than 150 RU

Future

- ✓ Federate local NVMe devices to build new types of storage services
- ✓ Support new types of storage services for new types of applications such as AI and Machine Learning

HPC Performance Storage
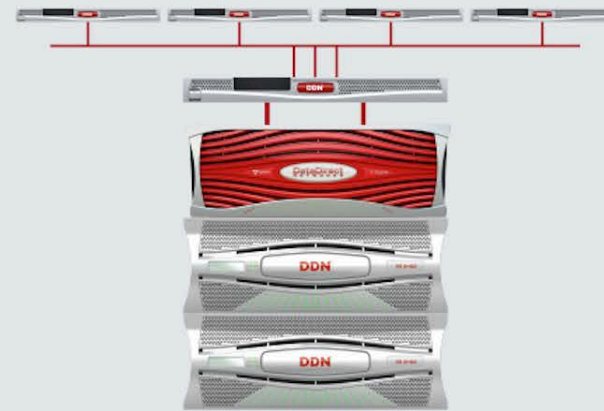
Home Environment

TSUBAME3 COMPUTE NODE
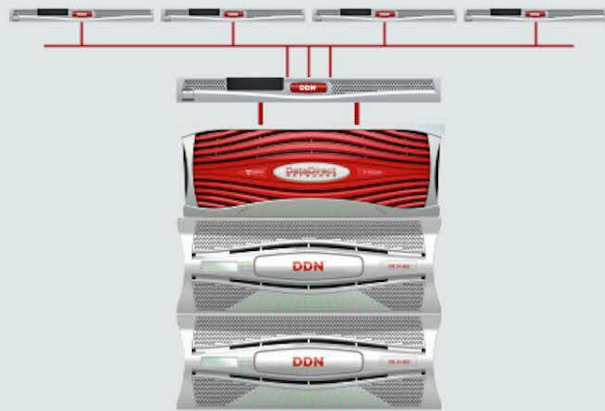
TSUBAME3 HOME
(Usable Capacity 45TB)

TOKYO TECH CAMPUS SYSTEM

CAMPUS SYSTEM HOME
(Usable Capacity 36TB)