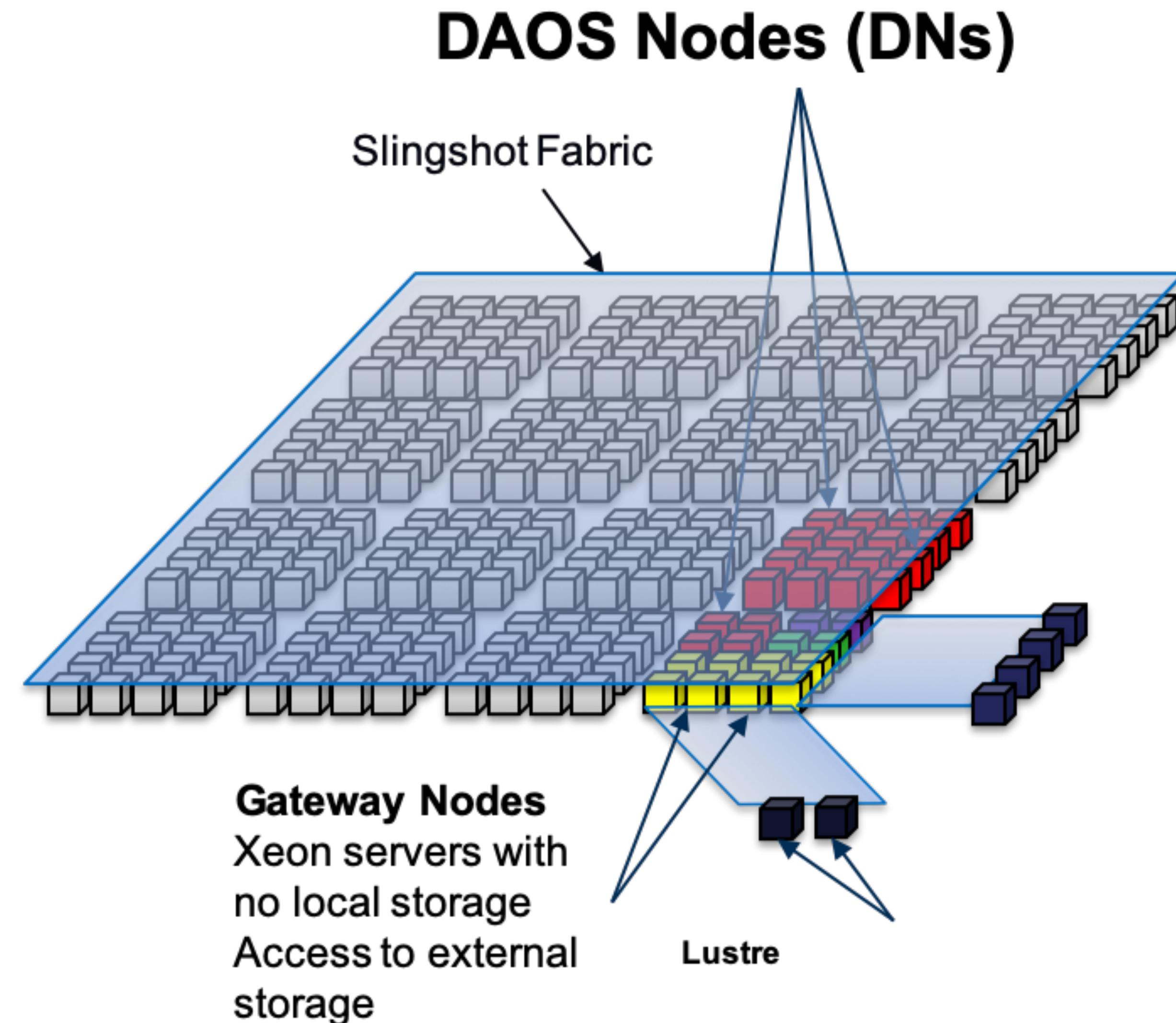


Distributed Asynchronous Object Store (DAOS)

- Primary storage system for Aurora
- Offers high performance in bandwidth and IO operations
 - **230 PB capacity**
 - **≥ 25 TB/s**
- Provides a flexible storage API that enables new I/O paradigms
- Provides compatibility with existing I/O models such as POSIX, MPI-IO and HDF5
- Open source storage solution



oneAPI

- [Industry specification](#) from Intel
 - Language and libraries to target programming across diverse architectures (DPC++, APIs, low level interface)
- [Intel oneAPI](#) products and toolkits
 - **Languages**
 - Fortran (w/ OpenMP 5+)
 - C/C++ (w/ OpenMP 5+)
 - DPC++
 - Python
 - **Libraries**
 - oneAPI MKL (oneMKL)
 - oneAPI Deep Neural Network Library (oneDNN)
 - oneAPI Data Analytics Library (oneDAL)
 - MPI
 - **Tools**
 - Intel Advisor
 - Intel VTune
 - Intel Inspector



<https://software.intel.com/oneapi>