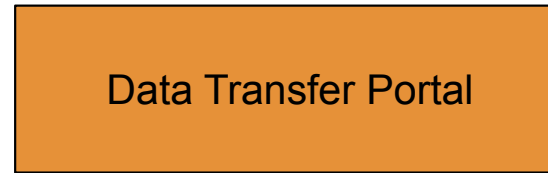
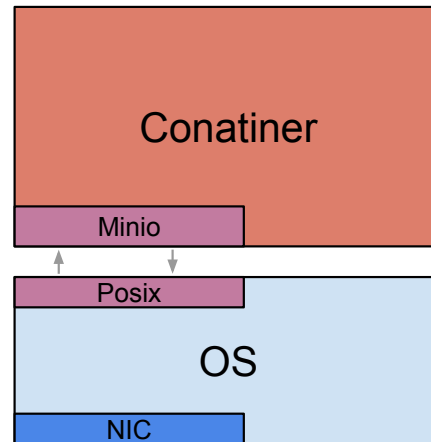


- Login, Auth/Auth
- Register “endpoints”
- Orchestrate transfers
- Grant transfer permissions

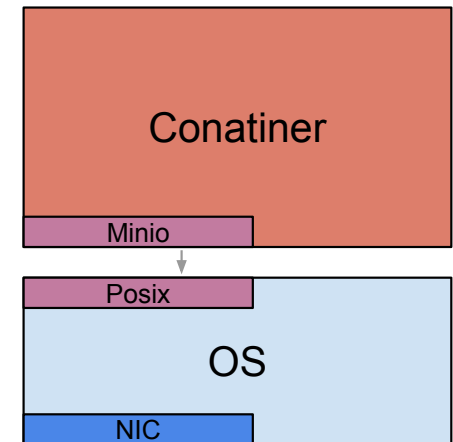
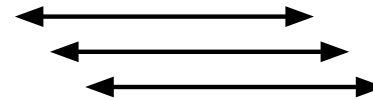


- Web Service API
- *Register*
  - *Start, stop, resume restart, cancel*
  - *Status*

- FS interface (minio)
- Network performance tools (iperf3, personar)
- Custom kernel, nic tuning scripts
- Optimized data transfer tools



HTTP Parallel Data Transfer



- FS params (e.g. caching)
- OS Params - buffer sizes
- NIC Params - buffers, MTU, TCP NODELAY

Data Path Characterization

1G Comcast Connection

100G I2 Connection

