Virtual Machine Management
- IaaS Abstraction

Provisioning Management
- Rain
- Cloud Shifting
- Cloud Bursting

Experiment Management
- Shell
- IPython

Information Services
- CloudMetrics

Future Grid Cloudmesh

Accounting
- FG Portal
- XSEDE Portal

User On-Ramp

Amazon, Azure, FutureGrid, XSEDE, OpenCirrus, ExoGeni, Other Science Clouds