Typical Research

- Highly distributed across campus
- Goals to increase $$
- Pressure for compliance
- Technology can be a differentiator
- Increasing demand for easy IT
Which org. unit is responsible for Research Computing?

- **2011**: 32% Primarily central IT, 34% Shared between central IT and other admin or academic unit(s), 11% Primarily other admin or academic unit(s), 22% Primarily system or district office, 11% Primarily outsourced, 22% Not applicable - no organizational unit responsible
- **2012**: 32% Primarily central IT, 34% Shared between central IT and other admin or academic unit(s), 11% Primarily other admin or academic unit(s), 23% Primarily system or district office, 11% Primarily outsourced, 23% Not applicable - no organizational unit responsible
- **2013**: 30% Primarily central IT, 32% Shared between central IT and other admin or academic unit(s), 12% Primarily other admin or academic unit(s), 26% Primarily system or district office, 12% Primarily outsourced, 26% Not applicable - no organizational unit responsible
The Big Data Stack

The big data ecosystem includes open source and proprietary distributions that span the stack from ingest through analytics.
Challenges/Opportunities

- Large amounts of data
- Expanding scope of collaboration
- Data management planning
- Protecting IP
- Robust networks for transport
- Leveraging the cloud
Questions?