Data sources
Internal HDFS
Manila
External HDFS
Swift
OpenStack compute
Hadoop node
Other node
Hadoop node
Other node
Hadoop node
Other node
Sahara
Keystone
Auth
EDP
Job binaries
Job templates
Remote interface
Horizon
Sahara Dashboard
REST API
Vendors Plugins
Data access layer
Secure storage access layer
Sahara Python Client
Provisioning engine
Ironic
Designate
Nova
Neutron
Cinder
Glance
Heat
SQL cloud database
Barbican