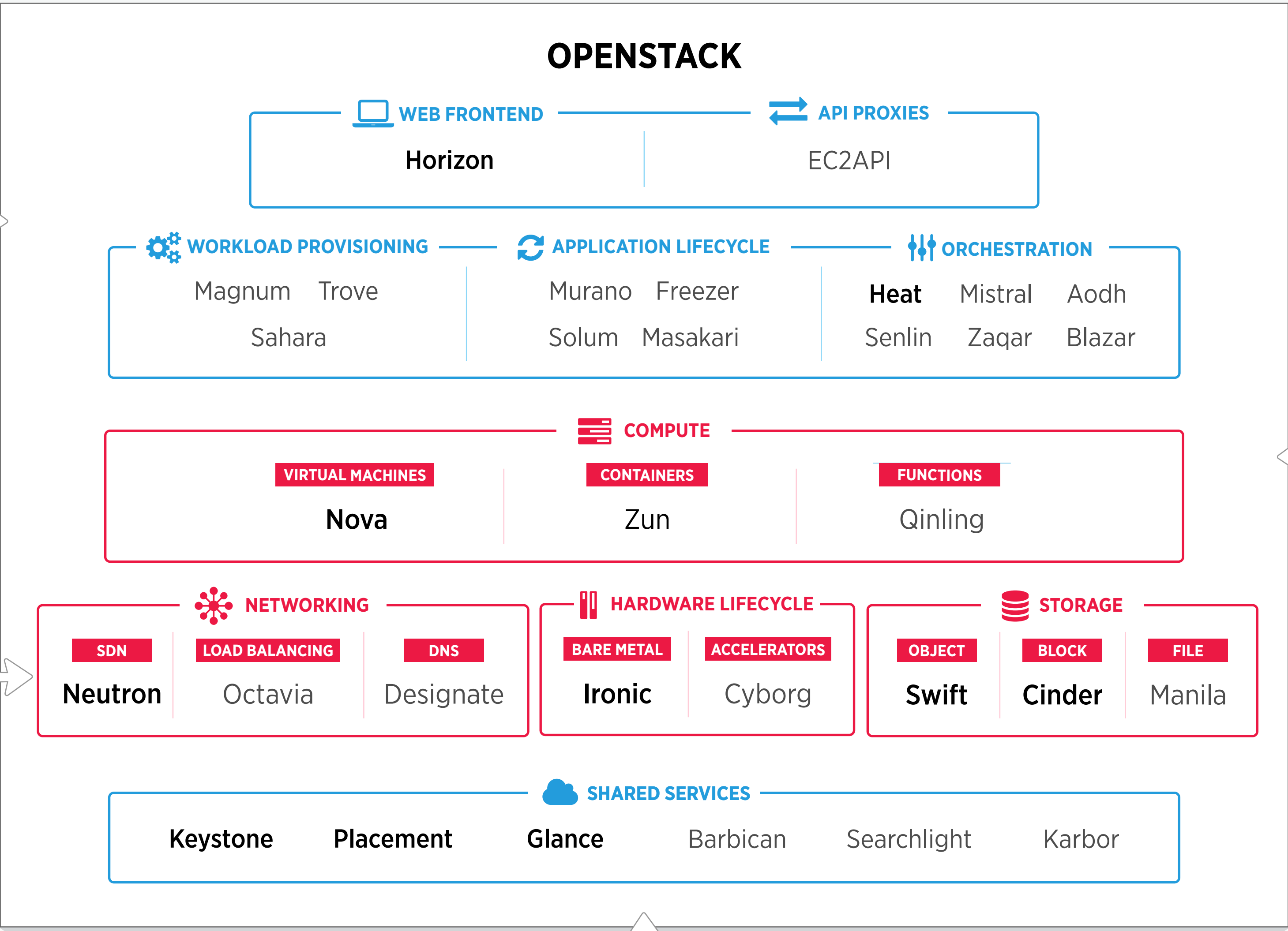


OPENSTACK

OPENSTACK-USER

SDK

- OpenStackClient
- Python SDK



OPENSTACK-OPERATIONS

- MONITORING TOOLS**
Ceilometer
Monasca Panko
- OPTIMIZATION / POLICY TOOLS**
Watcher Vitrage
Congress Rally
- BILLING / BUSINESS LOGIC**
CloudKitty
- MULTI-REGION TOOLS**
Tricircle

OPENSTACK-ADJACENTENABLERS

- CONTAINER SERVICES**
Kuryr
- NFV**
Tacker

OPENSTACK-LIFECYCLEMANAGEMENT

- DEPLOYMENT / LIFECYCLE TOOLS**
Kolla-Ansible OpenStack-Charms TripleO Bifrost
OpenStack-Helm OpenStack-Ansible OpenStack-Chef
- PACKAGING RECIPES FOR...**
RPM Puppet
OCI containers

Bold represents **Core Functionality**

