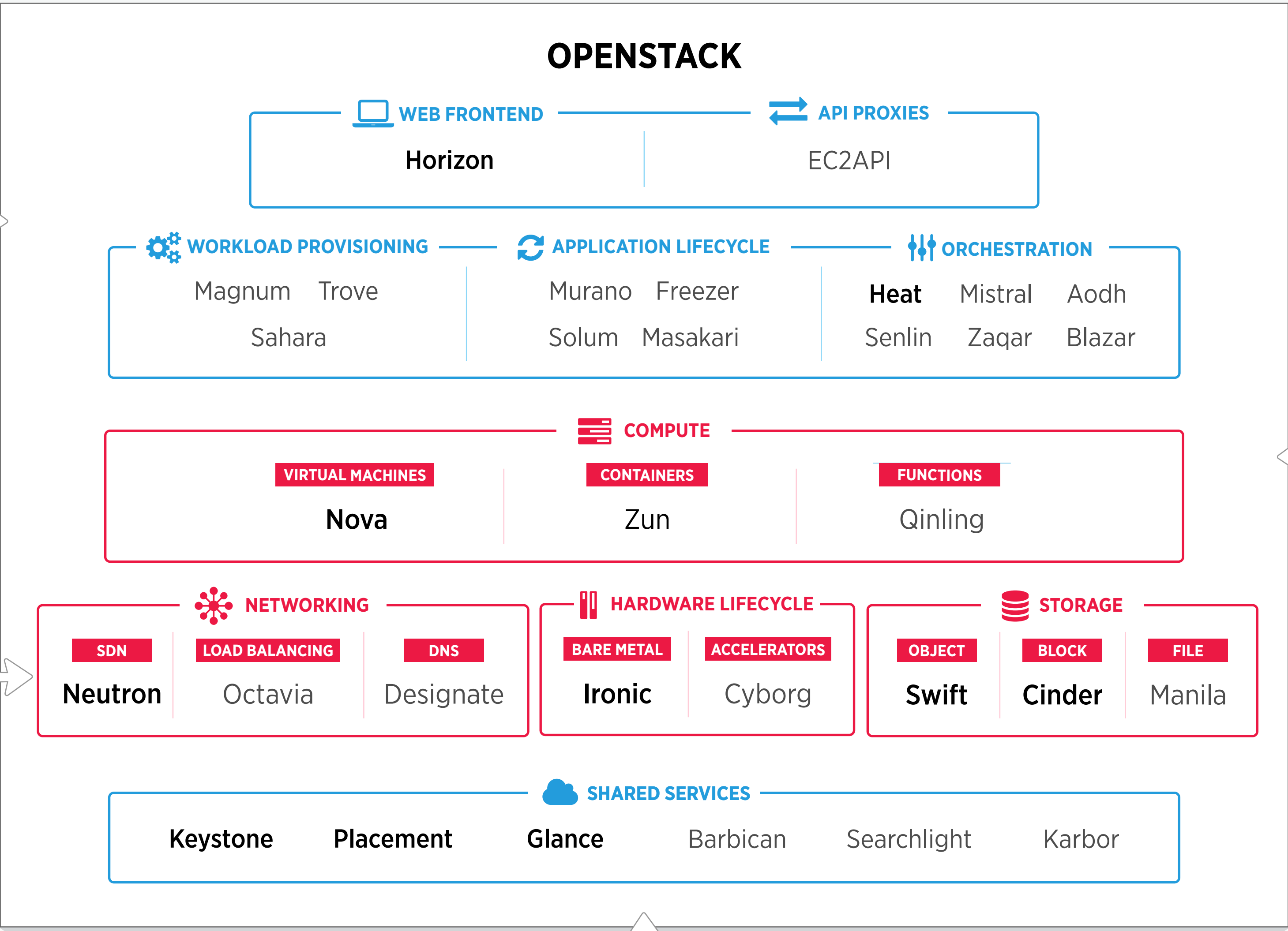


OPENSTACK

OPENSTACK-USER

SDK

OpenStackClient
Python SDK



OPENSTACK-ADJACENTENABLERS

CONTAINER SERVICES
Kuryr

NFV
Tacker

OPENSTACK-OPERATIONS

MONITORING TOOLS
Ceilometer
Monasca Panko

OPTIMIZATION / POLICY TOOLS
Watcher Vitrage
Congress Rally

BILLING / BUSINESS LOGIC
CloudKitty

MULTI-REGION TOOLS
Tricircle

OPENSTACK-LIFECYCLEMANAGEMENT

DEPLOYMENT / LIFECYCLE TOOLS
Kolla-Ansible OpenStack-Charms TripleO Bifrost Kayobe
OpenStack-Helm OpenStack-Ansible OpenStack-Chef

PACKAGING RECIPES FOR...
RPM Puppet
Containers (LOCI, Kolla)

Bold represents **Core Functionality**

Version 2019.10.01

