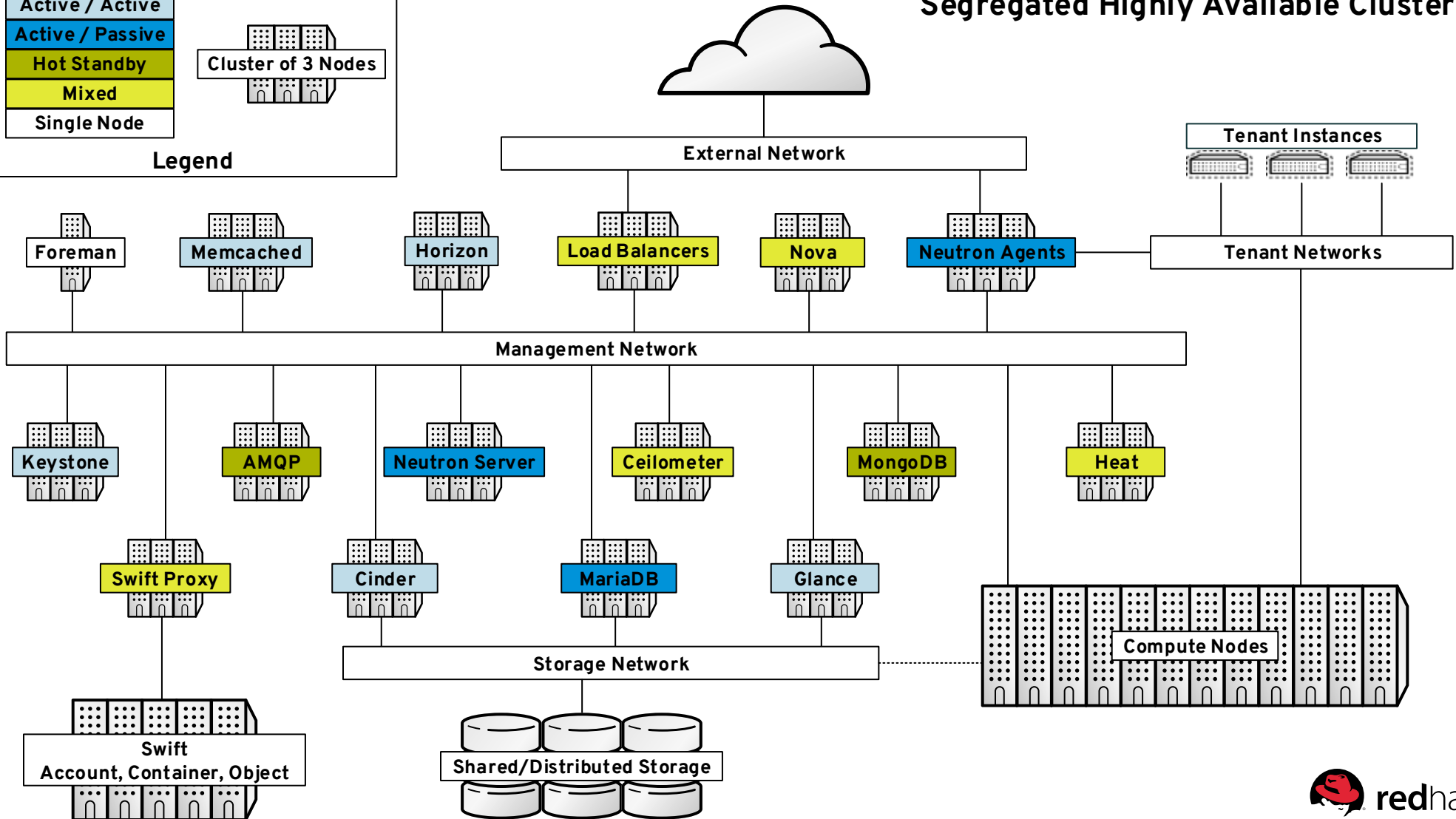
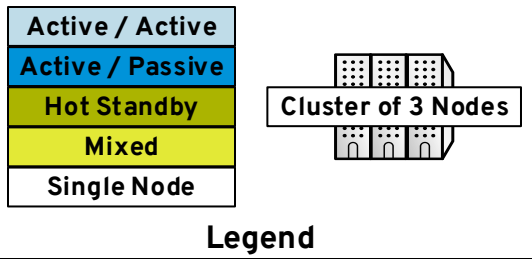


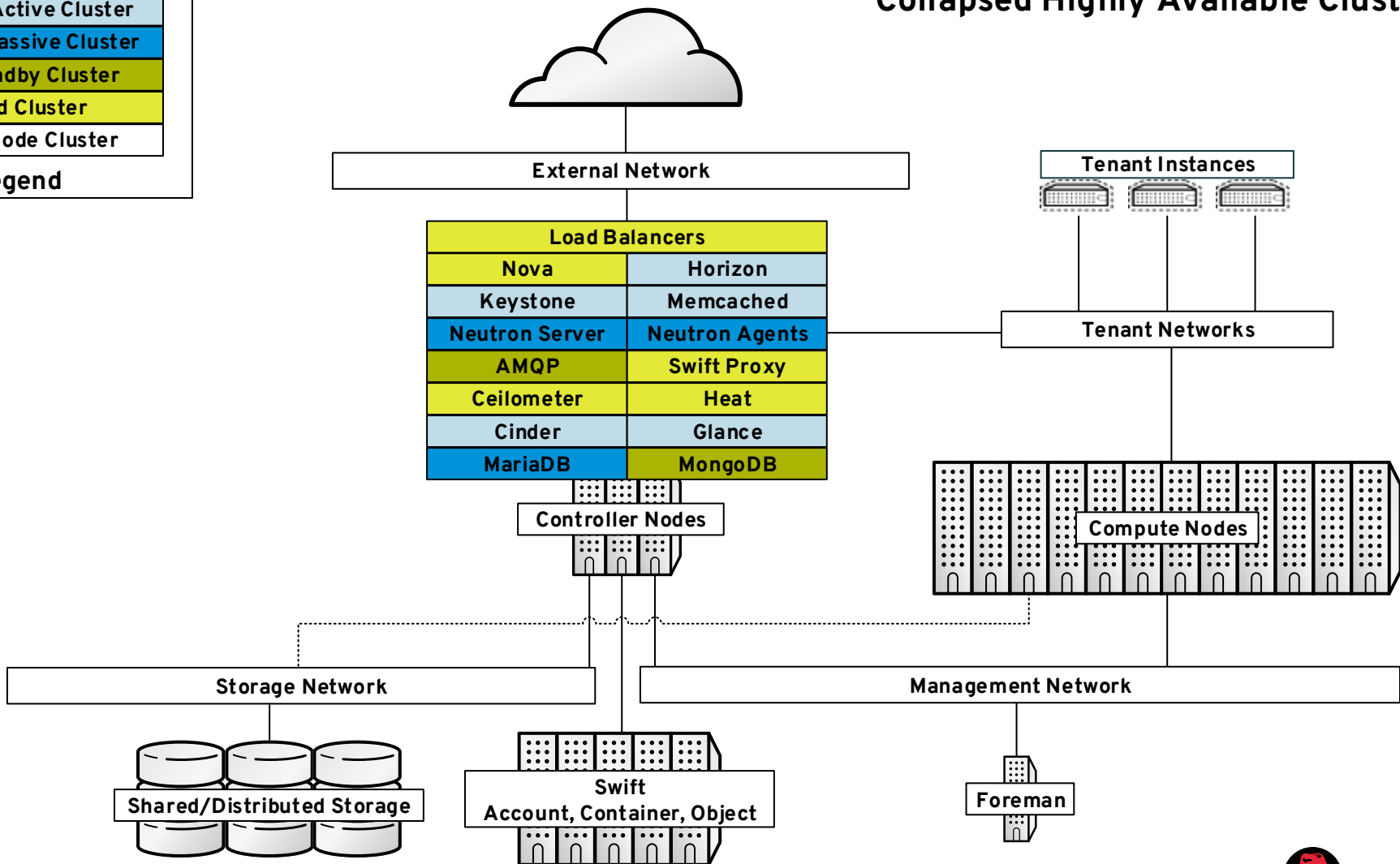
Segregated Highly Available Clusters



Collapsed Highly Available Clusters

Active / Active Cluster
Active / Passive Cluster
Hot Standby Cluster
Mixed Cluster
Single Node Cluster

Legend

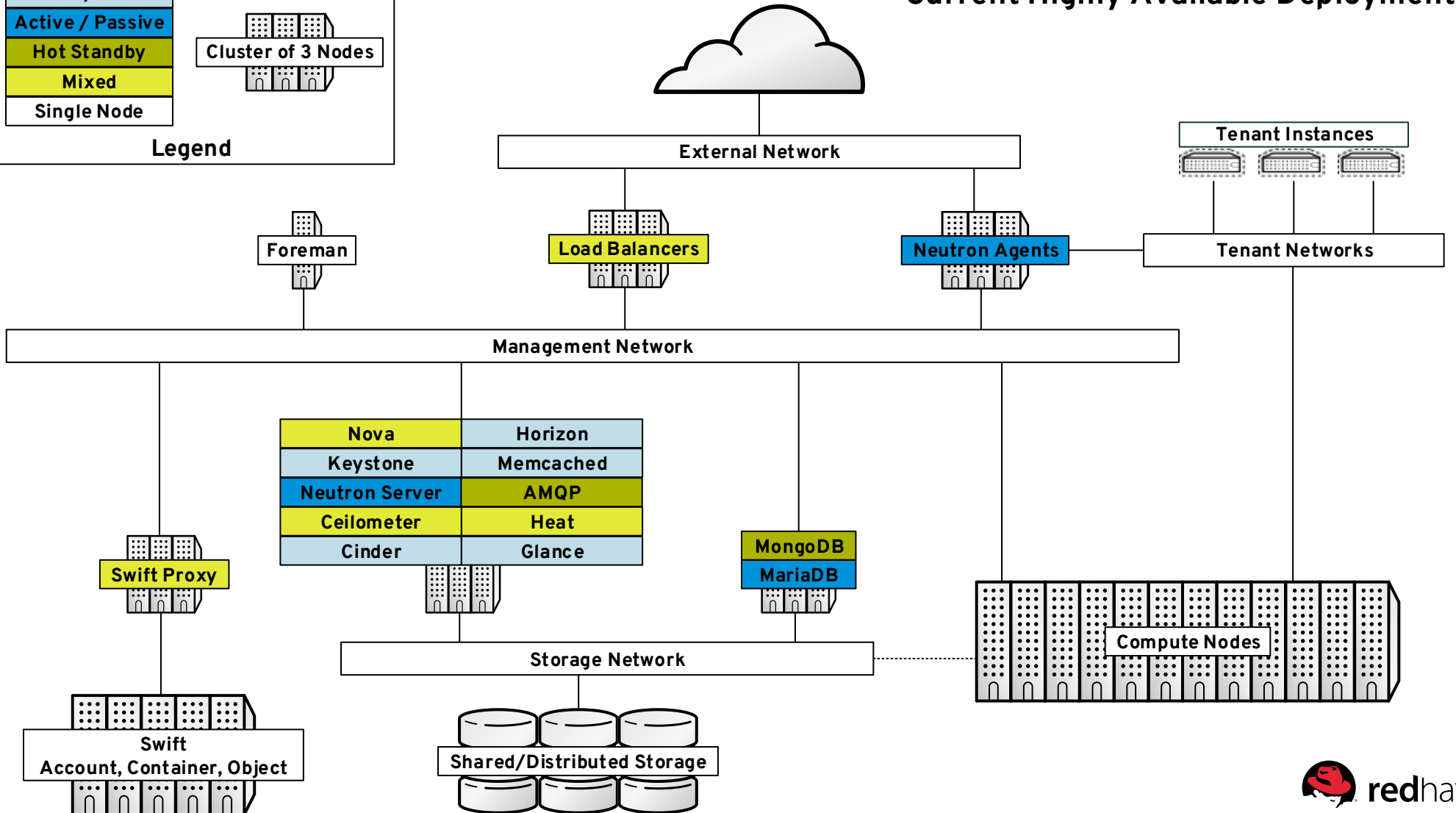


Current Highly Available Deployment

Active / Active
Active / Passive
Hot Standby
Mixed
Single Node

Cluster of 3 Nodes

Legend



Future Highly Available Deployment

Active / Active
Hot Standby
Mixed
Single Node

Cluster of 3 Nodes

Legend

Foreman

Load Balancers

Neutron Agents

Tenant Instances

Tenant Networks

Management Network

Nova

Horizon

Keystone

Memcached

Neutron Server

AMQP

Ceilometer

Heat

Cinder

Glance

MongoDB

MariaDB + Galera

Swift Proxy

Swift
Account, Container, Object

Storage Network

Shared/Distributed Storage

Compute Nodes