

2.4.2 openstack 框架说明

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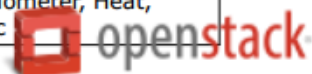
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组件说明



OpenStack的发展版本

Release Name	Release Date	Included Components
Austin	21 October 2010	Nova, Swift
Bexar	3 February 2011	Nova, Glance, Swift
Cactus	15 April 2011	Nova, Glance, Swift
Diablo	22 September 2011	Nova, Glance, Swift
Essex	5 April 2012	Nova, Glance, Swift, Horizon, Keystone
Folsom	27 September 2012	Nova, Glance, Swift, Horizon, Keystone, Quantum, Cinder
Grizzly	4 April 2013	Nova, Glance, Swift, Horizon, Keystone, Quantum, Cinder
Havana	17 October 2013	Nova, Glance, Swift, Horizon, Keystone, Neutron, Cinder, Ceilometer, Heat
Icehouse	17 April 2014	Nova, Glance, Swift, Horizon, Keystone, Neutron, Cinder, Ceilometer, Heat, Trove
Juno	October 2014	Nova, Glance, Swift, Horizon, Keystone, Neutron, Cinder, Ceilometer, Heat, Trove, Sahara
Kilo	April 2015	Nova, Glance, Swift, Horizon, Keystone, Neutron, Cinder, Ceilometer, Heat, Trove, Sahara, Ironic





- Compute (Nova)计算服务
- Image Service (Glance)镜像服务
- Object Storage (Swift)对象存储
- Block Storage (Cinder)块存储
- Networking (Neutron)网络服务
- Dashboard (Horizon)仪表板
- Identity Service (Keystone)认证服务
- Orchestration (Heat)编排
- Telemetry (Ceilometer)监控
- Database Service (Trove)数据库服务
- Data Processing (Sahara)数据处理

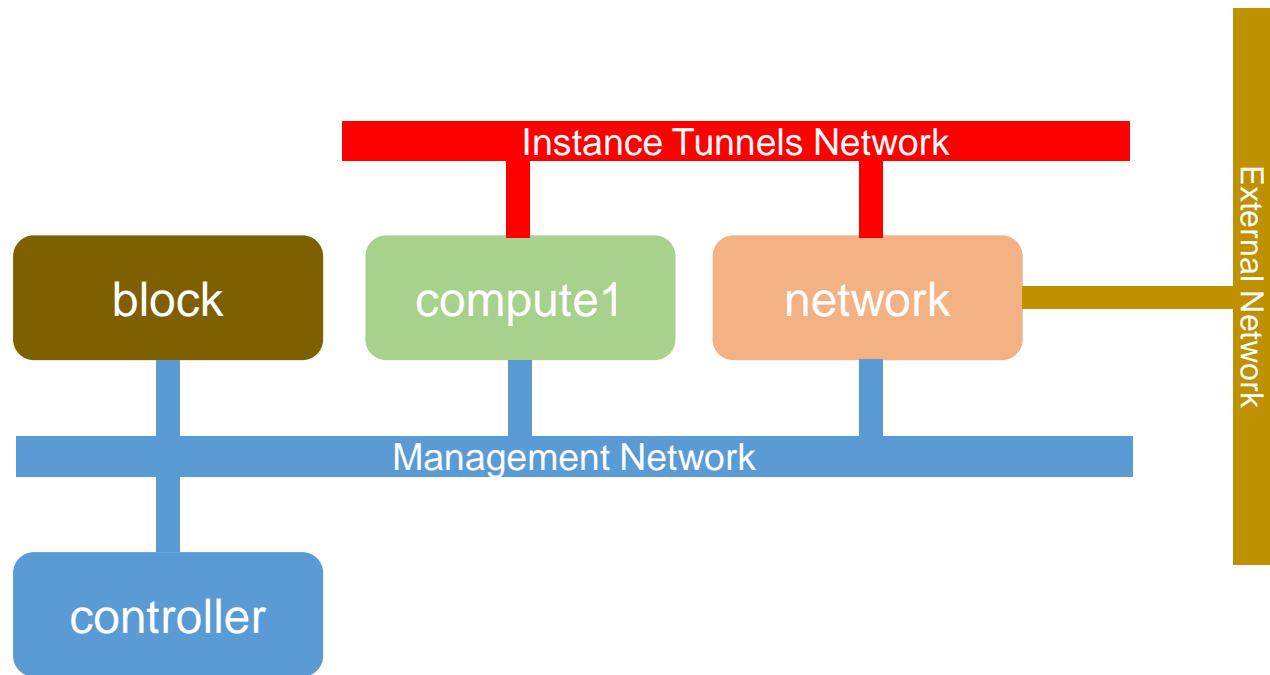


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安装结构说明



- 操作系统: CentOS7
- OpenStack版本: junio
- 关闭防火墙和SELinux
- Controller Node: 1 processor, 2 GB memory, and 5 GB storage
- Network Node: 1 processor, 512 MB memory, and 5 GB storage
- Compute Node: 1 processor, 2 GB memory, and 10 GB storage



IP 地址规划

Controller

M:192.168.222.5

Network

M:192.168.222.6

I:172.16.0.6

E:100.100.100.10

Compute

M:192.168.222.10

I:172.16.0.10

Block

M:192.168.222.20



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基础环境构建



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