

OpenStack Deep Dive

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Community Size Q2 2014

ECOSYSTEM SIZE
(Members + Sponsors + Supporters)

390

Companies

Members: 26
Sponsors: 77
Supporters: 287

INDIVIDUAL MEMBERS

17,575

TOP 10 Countries

- 1) United States
- 2) India
- 3) China
- 4) Great Britain
- 5) France
- 6) Russia
- 7) Canada
- 8) Australia
- 9) Japan
- 10) Germany

CUMULATIVE
CONTRIBUTORS

2,295

AVERAGE MONTHLY
CONTRIBUTORS

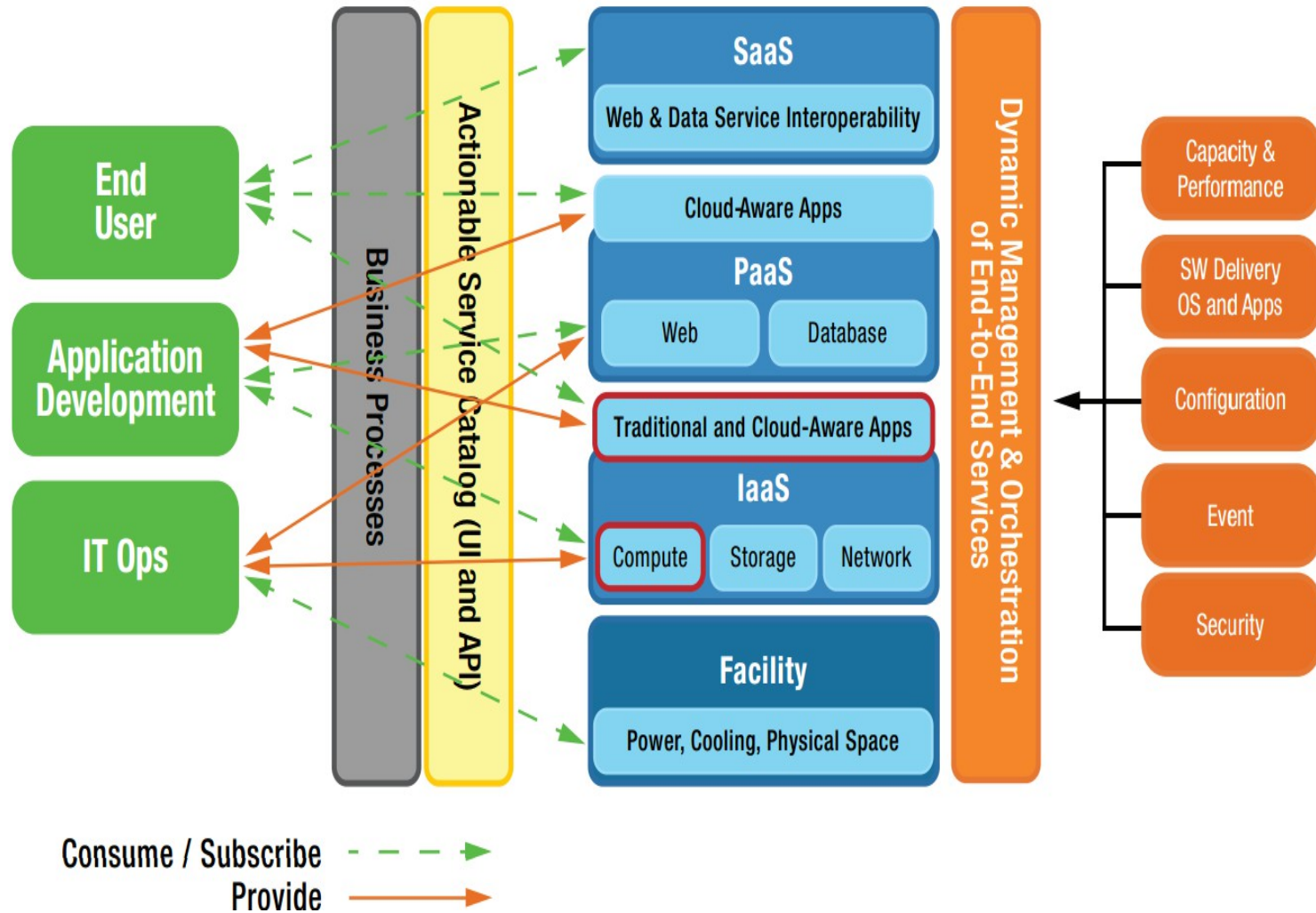
448

AVERAGE WEEKLY
CONTRIBUTORS

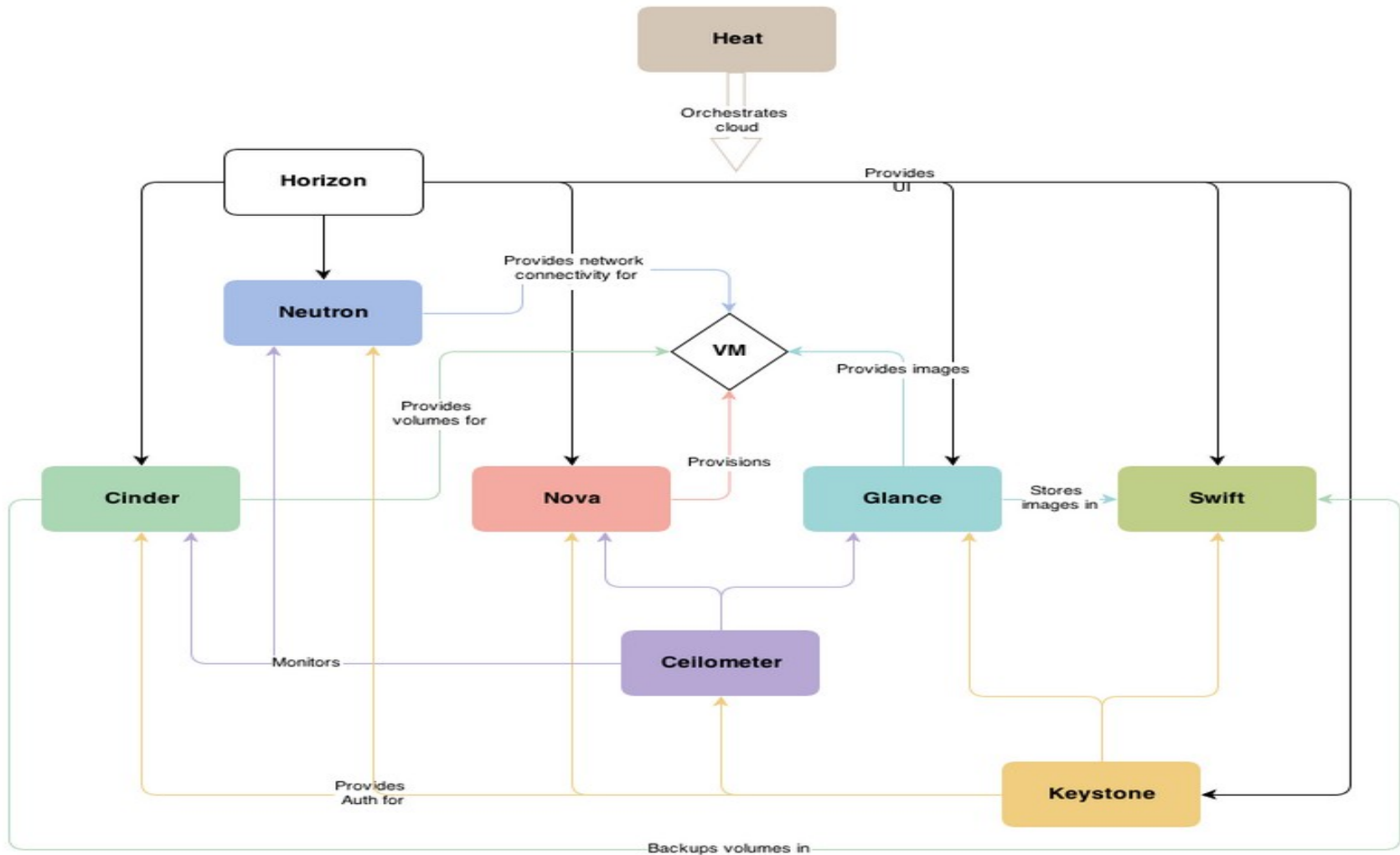
255



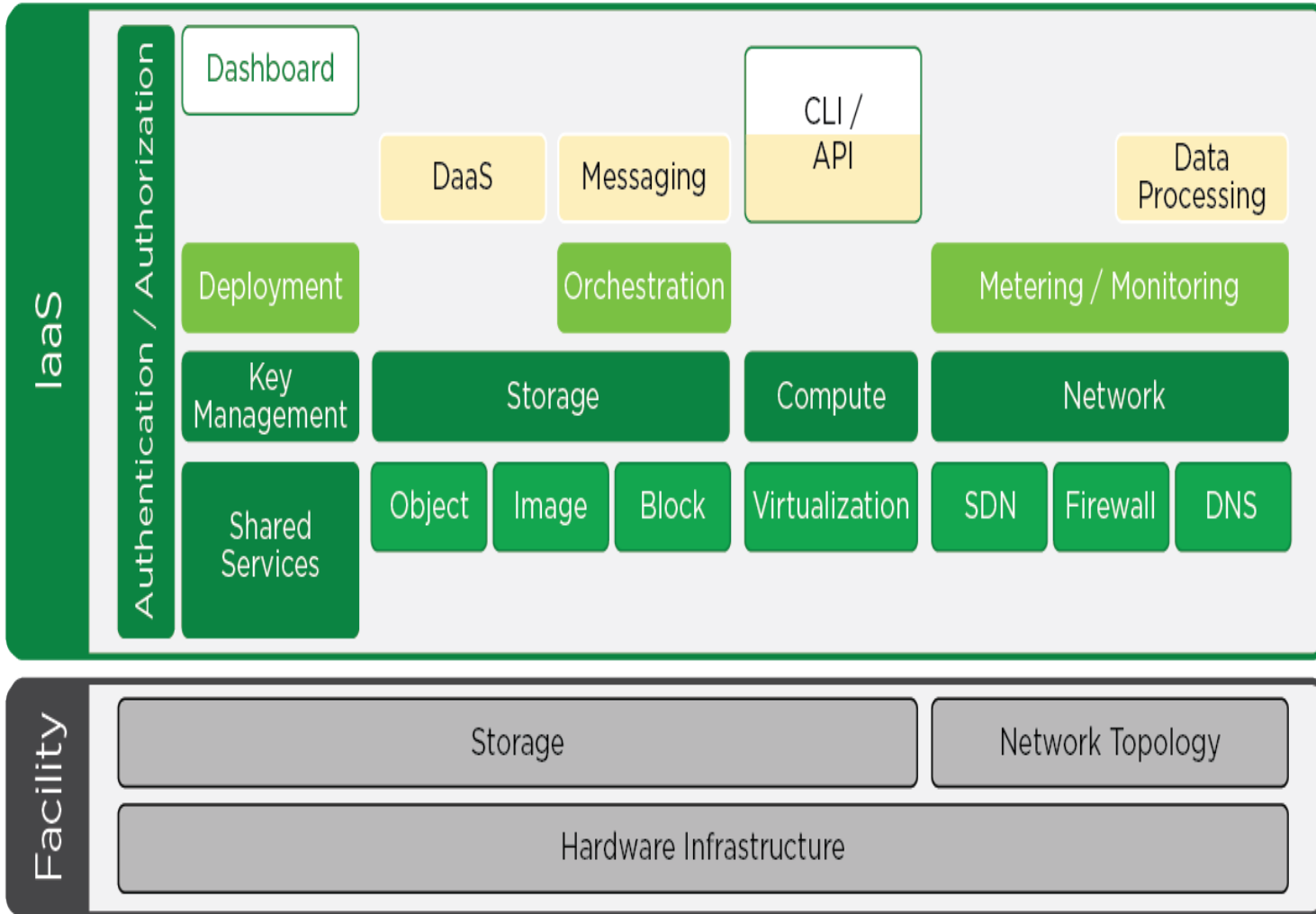
Compute Infrastructure as a Service



OpenStack Component Interactions



OpenStack Layers



Service Management

Service Interface

Service Orchestration

Capacity Management

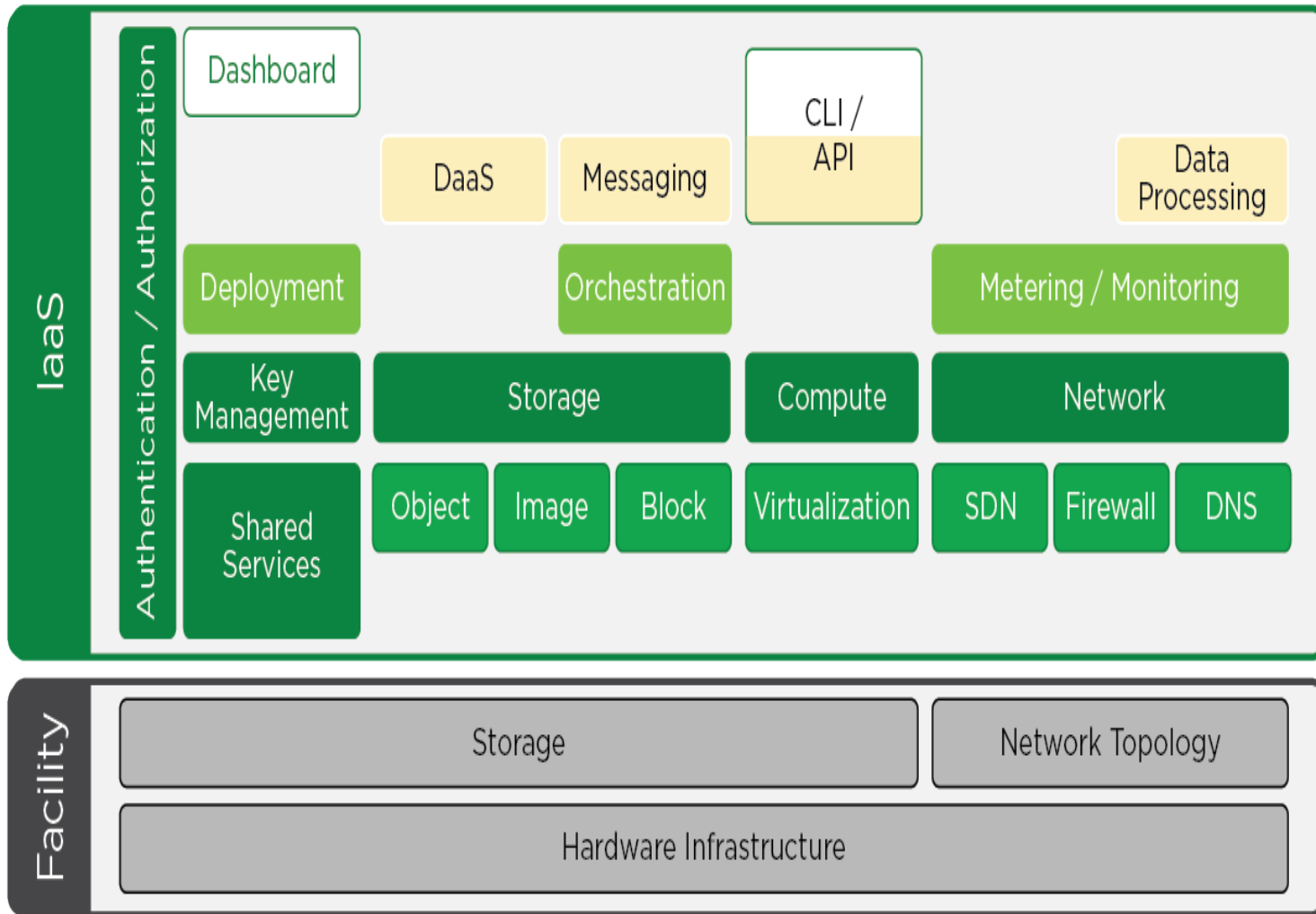
Virtual Infrastructure

Platform

Cloud Layers of Service

- Service Management
 - Primary Communication Point
 - User / Admin Provisioning
 - Capabilities
 - Life cycle management
 - Limit Enforcement
 - Extensible
- Orchestration
 - IT process automation
 - Align consumer demand
 - Work flow management, monitoring debugging
- Capacity Management
 - Efficient resource allocation / scheduling
 - Optimal workload placement
 - Extensible
- Virtual Infrastructure
 - Abstraction
 - Get BIG (Scale)
 - Separation of duties
 - Build advanced network services, distributed storage, server utilization

OpenStack Layers



Service Management

Service Interface

Service Orchestration

Capacity Management

Virtual Infrastructure

Platform

SUSE® Strategy for Cloud Computing



Public Cloud

Broadly deploy SUSE Linux Enterprise Server through SUSE Cloud Public Program



Private Cloud

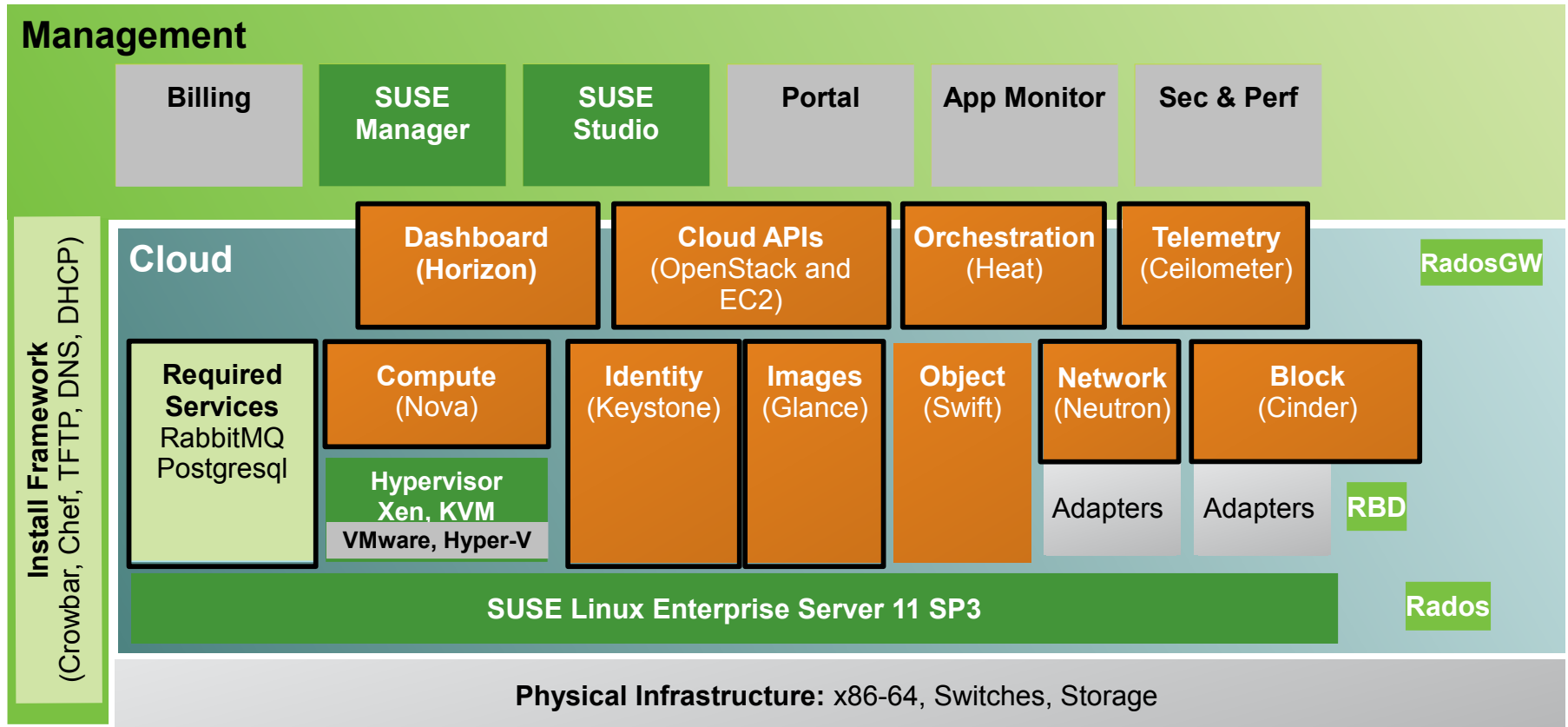
Deliver cloud infrastructure solution powered by OpenStack



Hybrid Cloud

Tightly integrate SUSE Studio and SUSE Manager with SUSE Cloud to deliver a platform and tools that enable enterprise hybrid clouds

SUSE® Cloud 4



- OpenStack Icehouse
- SUSE Cloud Adds
- SUSE Product
- Partner Solutions
- Ceph

Highly Available Services

Unique Power of Open Source Cloud

- Technical agility, efficiency and velocity
- Rapid and cost-effective service deployment
- Elasticity
- Flexibility to design a full software environment
- Foster collaboration
- Not just a cloud service provider
 - High-quality services
 - Business need alignment





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