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# **Open Stack**

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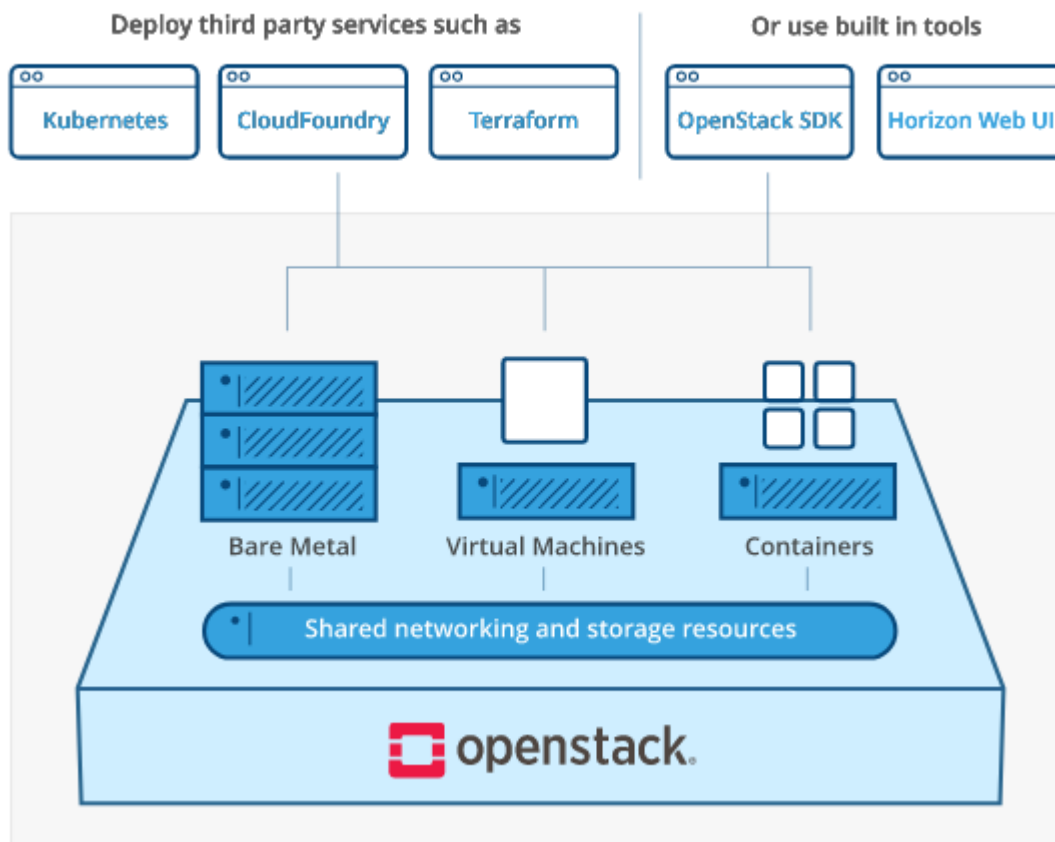
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# 1. What's OpenStack?

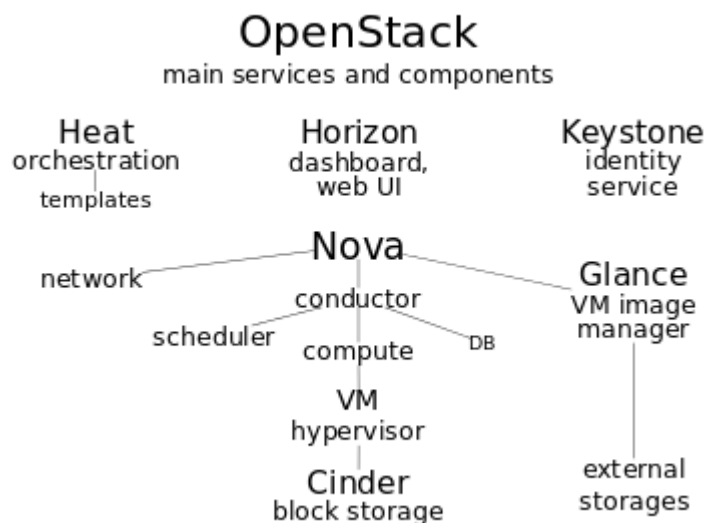
As a part of Infrastructure as a service Cloud, OpenStack is a Cloud operating system which controls large pools of compute, networking and storage resources throughout a datacenter.

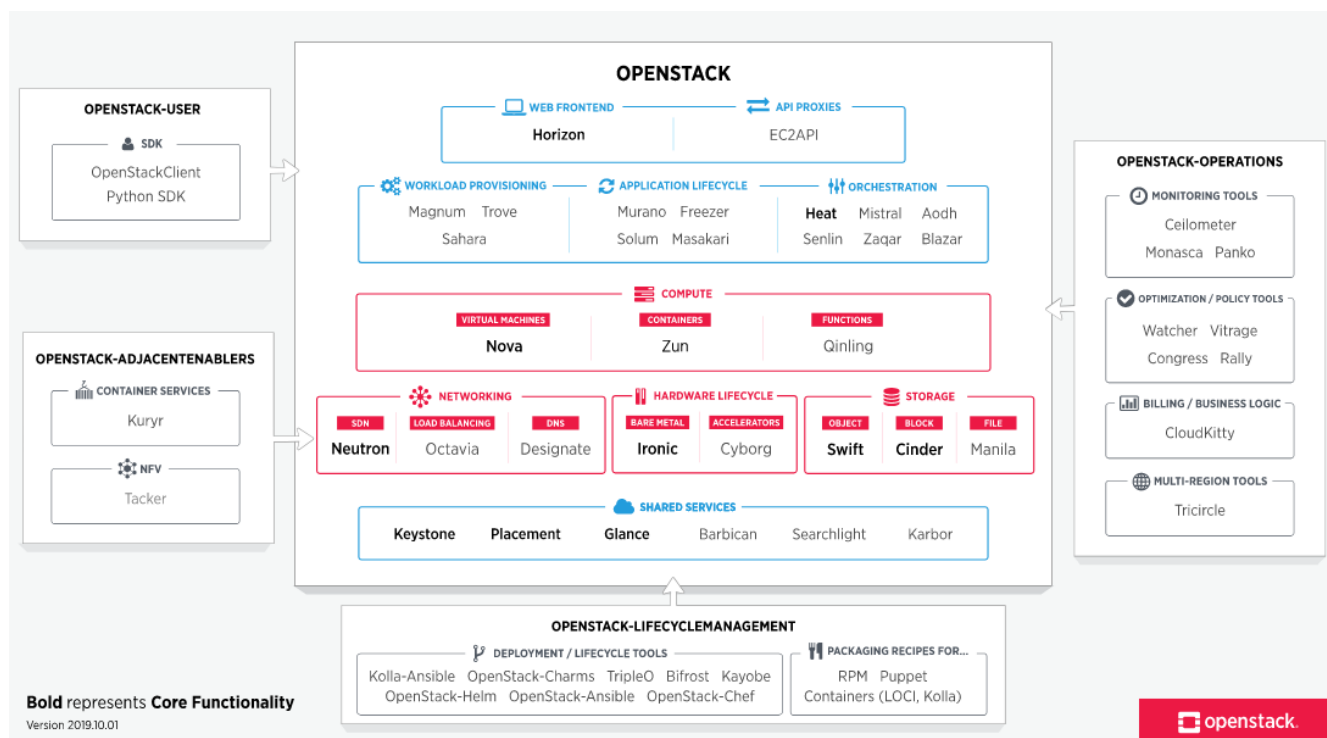
OpenStack project is an open-source cloud-computing platform for private, public and hybrid clouds.

OpenStack provides IaaS solution through a set of services.

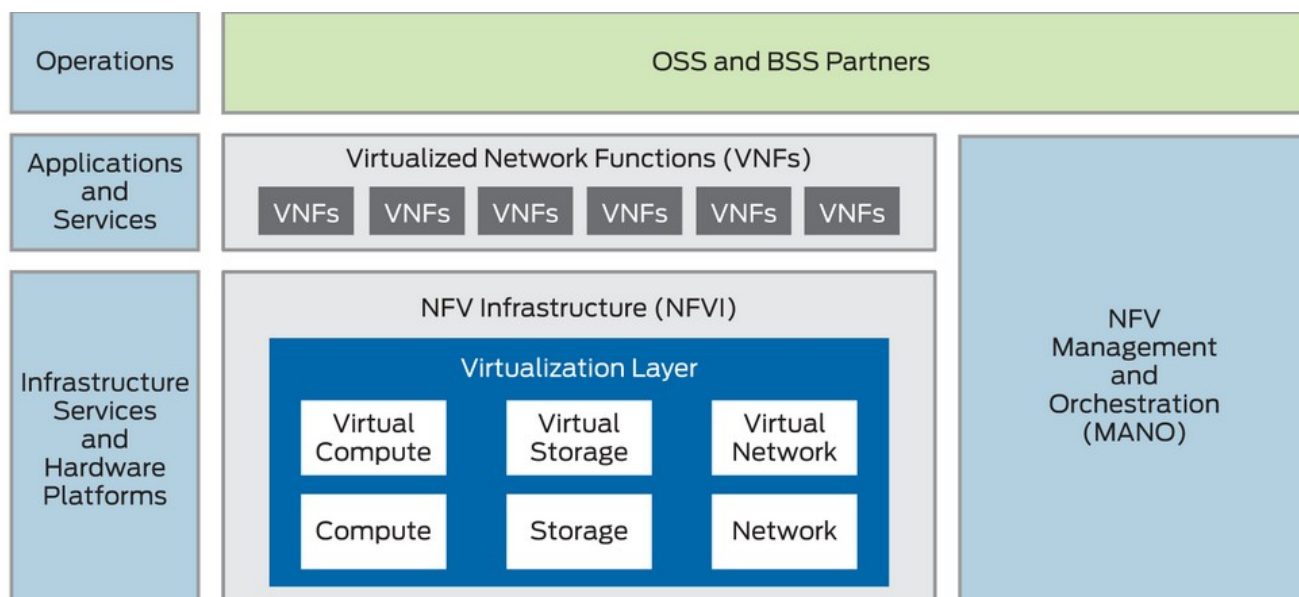


## 2. What's OpenStack core functionality?

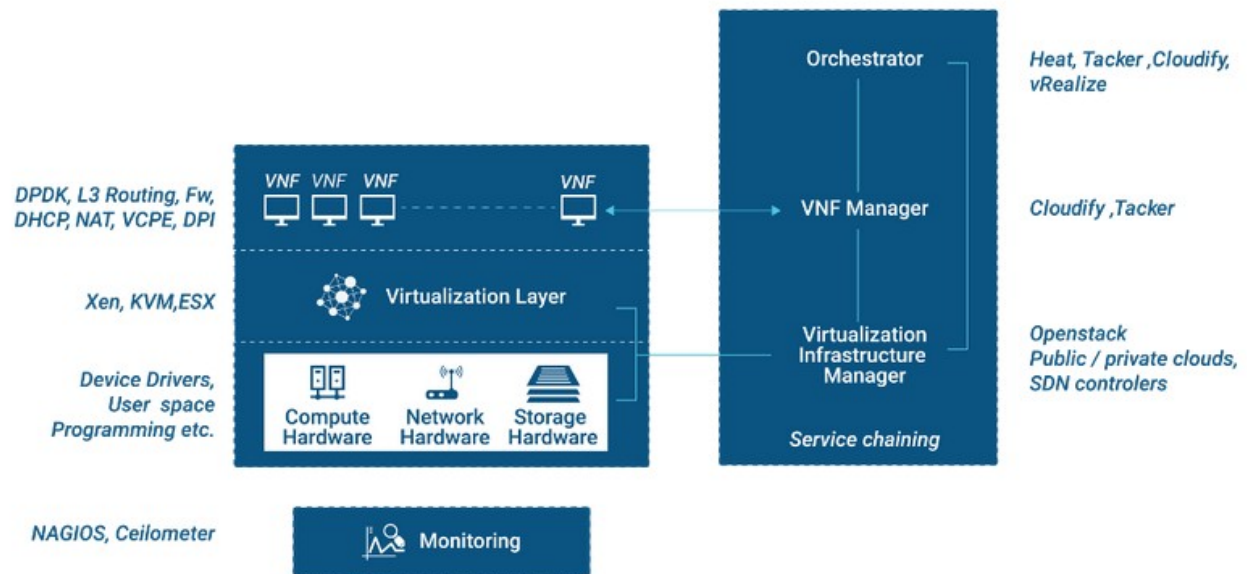




### 3. What's the NFV (Network Function Virtualisation)?



As a network architecture concept, NFV uses technologies of IT virtualisation to virtualize entire classes of network node into building blocks.



#### 4. Compare OpenStack and AWS

## Comparing OpenStack and AWS

Service	OpenStack	AWS
Compute Controller	Nova	EC2
Object Storage	Swift	S3
Identity & Access Management	Keystone	IAM
Image Catalog Service	Glance	AMI Catalog
Self-Service Portal	Horizon	Management Console
Virtual Networking	Quantum	VPC
Block Storage	Cinder	EBS
Templating & Orchestration	Heat	CloudFormation
Monitoring and Metering	Ceilometer	CloudWatch