Openstack Essentials





FOR INFRASTRUCTURE & OPERATIONS PROFESSIONALS

OpenStack's Global Traction Expands For Its Newton Release

OpenStack Summit And Newton Update, Q4 2016

December 19, 2016

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Why Read This Brief

OpenStack has grown into a de facto standard platform for the private cloud market and now serves as the foundation for public clouds, particularly in Europe and China. This report analyzes the state of OpenStack at the time of the summit recently hosted by the governing foundation in Barcelona to showcase Newton, its latest release. It also details the most important next steps for infrastructure and operations (I&O) leaders who are investing in the OpenStack platform.

Recommended Research

Predictions 2016: Digital Services Transformed

November 9, 2015 | John McCarthy



- One of the most popular open source projects driven by the community so far
- De facto platform for the private cloud market
- Backed by more than 500 companies





















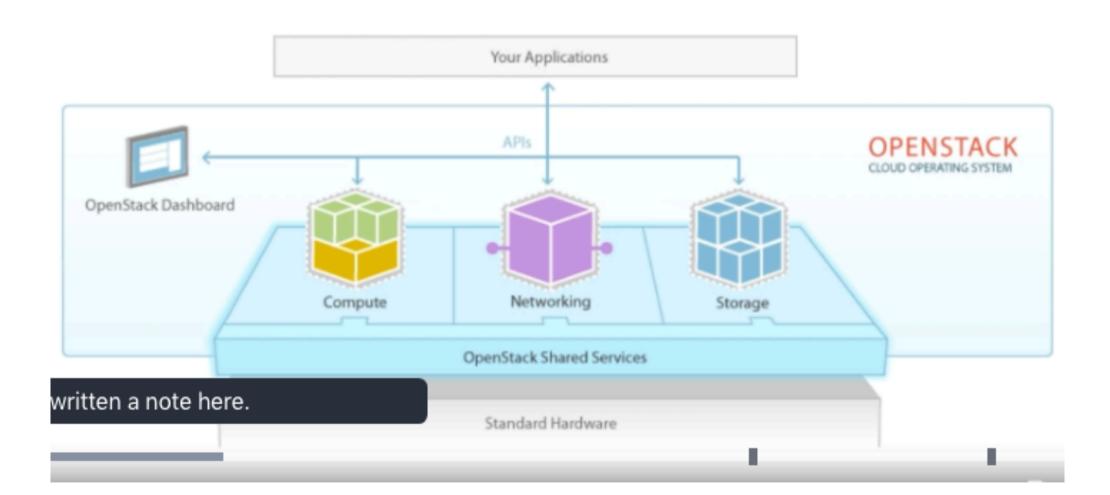


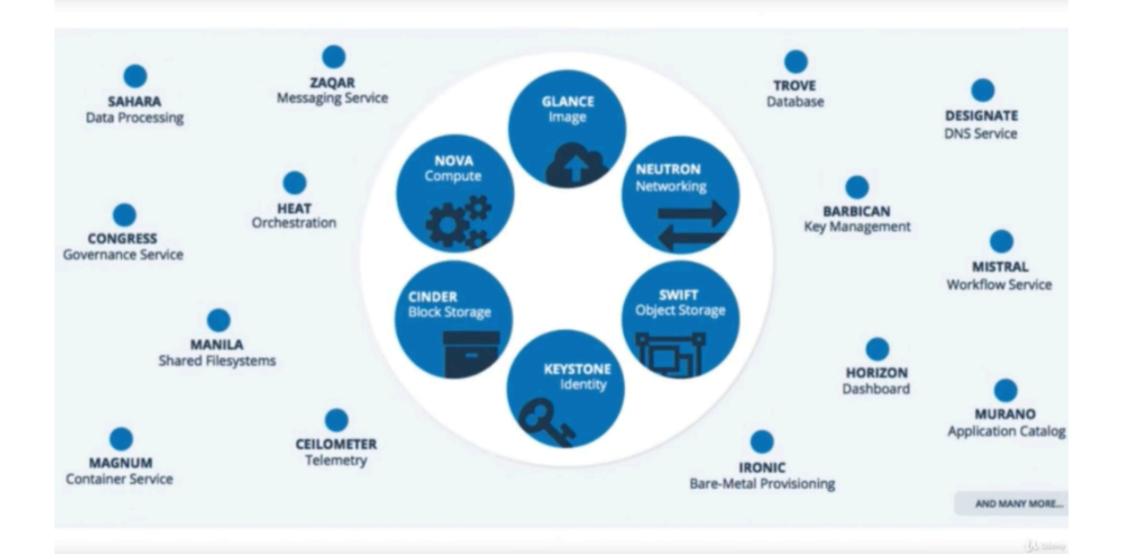
Introduction to Openstack

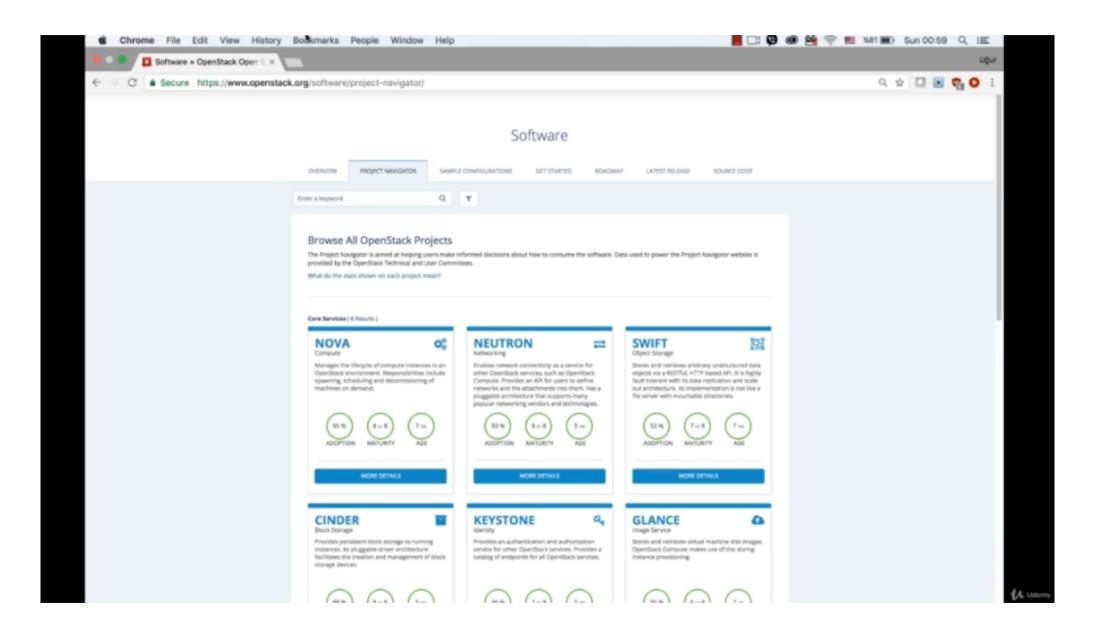


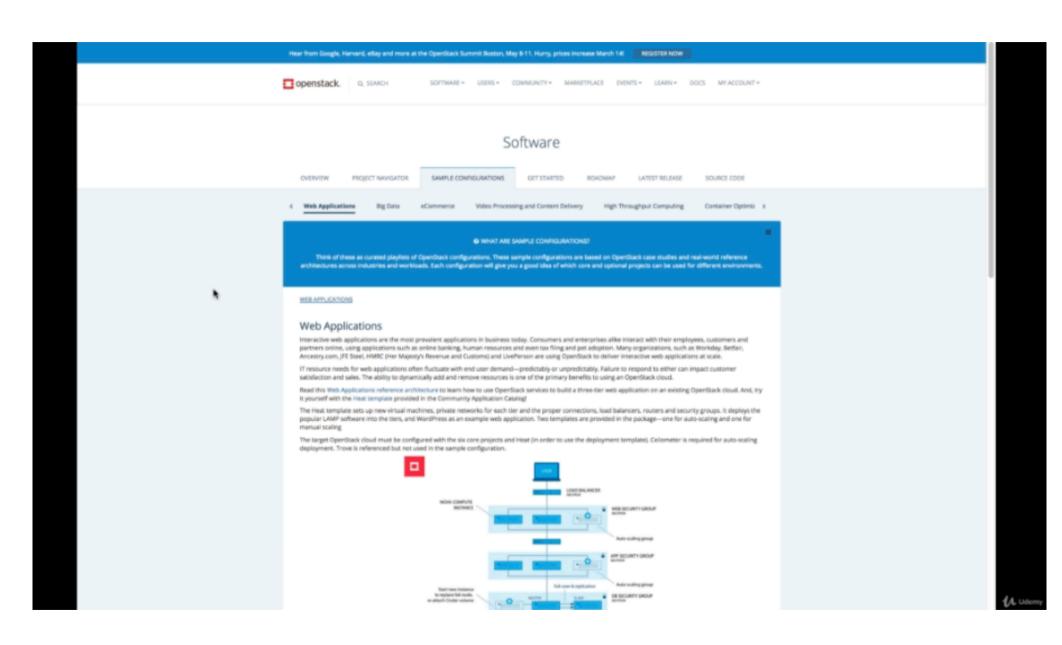
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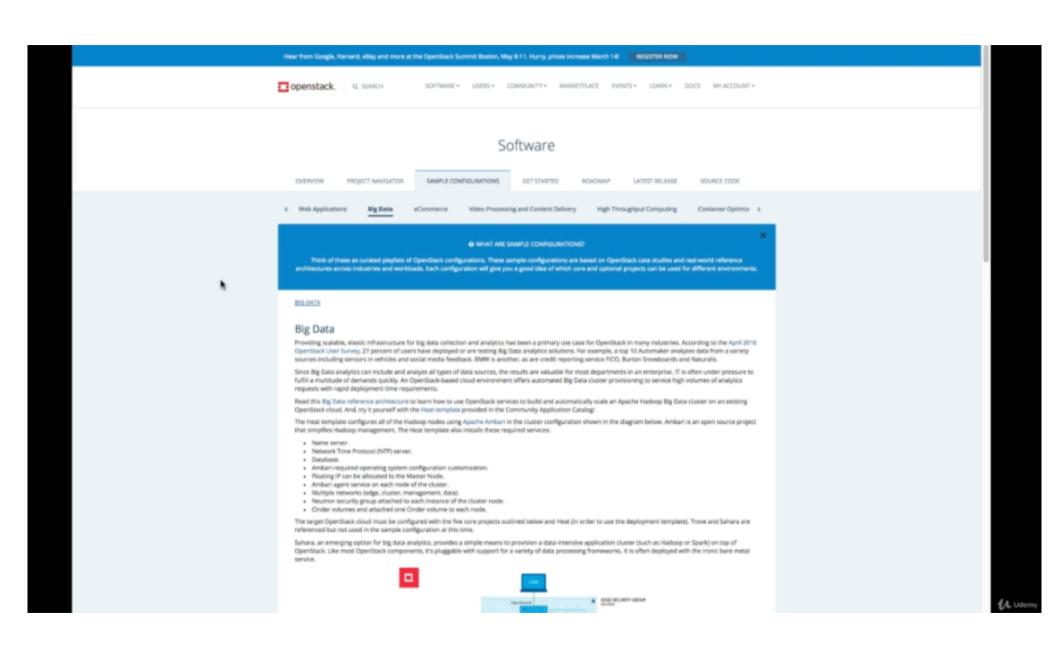












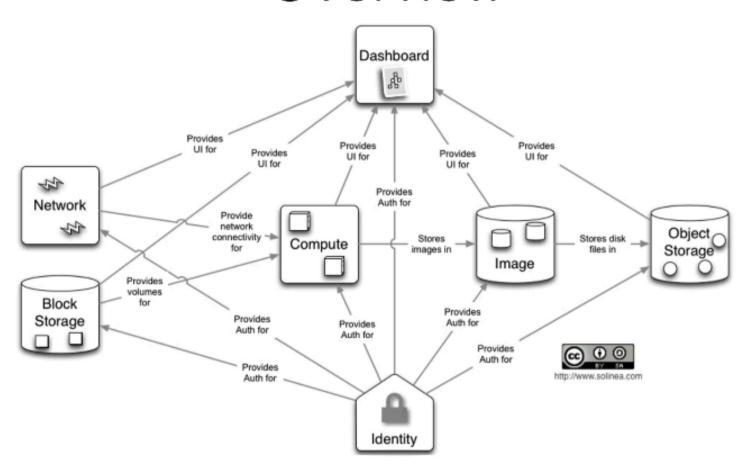
Overview of Component Services





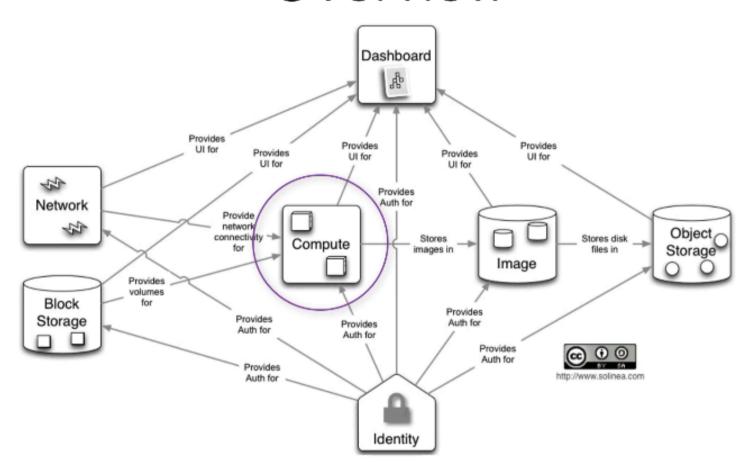


Overview





Overview



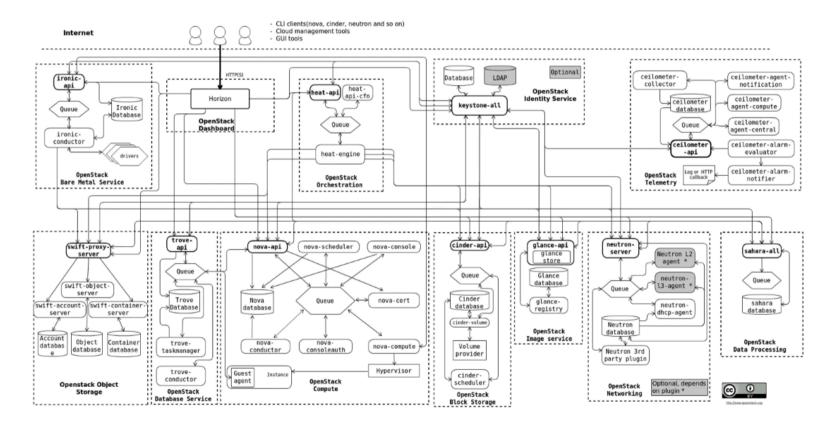


Openstack Architecture



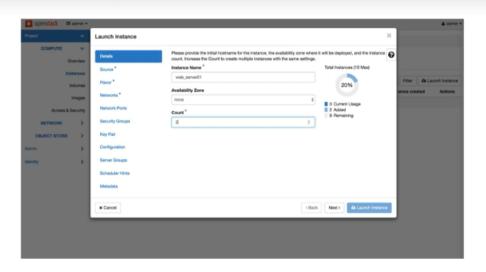


Logical architecture



Rewind 5s





2. The Command Line Interface

enstack server create --image centos-7-x86_64-st --flavor 1 --nic net-id=4528135f59f84c31b268f3503e1a3766 appserver12

3. The API

```
$ curl -s -H "X-Auth-Token: $0S_TOKEN" \
$0S_COMPUTE_API/flavors \
| python -m json.tool
```

Rewind 5s

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