

Cloud Computing at IPHC

Cloud Computing at IPHC: Cloud->GetDescription()

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Cloud Computing at IPHC

Cloud->Init(env='testbed')

```
[root@sbgcloud ~]# Start date: 4th of June  
[root@sbgcloud ~]# End date: 26th of October
```

- Focus on IaaS
- Based on OpenStack Essex
- Four HP SL390c servers:
 - 2 CPU Intel Xeon E5649
 - 48 GB RAM
 - 500 GB 7.2k Hard Drive
 - Scientific Linux 6.2



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Cloud->Init(env='production')

[root@sbgcloud ~]# Start date: 19th of November



Cloud Manager:

- Scheduler
- Glance (Image Service)
- Keystone (Identity Service)
- Horizon (Dashboard)

Compute Nodes:

- Compute
- Network



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Cloud->Run()

[root@sbgcloud ~]# Estimated start date : 15th of December

- Cloud Controller (sbgcloud.in2p3.fr)
 - 4 TB for Storage
 - 2 CPU E5-2660
 - 64 GB RAM
 - Four network interfaces
- 16 Compute Nodes (sbgcsrv*.in2p3.fr)
 - 4 GB RAM per core
 - 1 TB disk
 - Two network interfaces
- Network
 - Public and private IPv4 LAN
 - 10 GB uplink

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Cloud->Next()

[root@sbgcloud ~]# Estimated start date : 24th of December

- Join EGI Federated Cloud
- Publish Quattor templates for Open Stack
- Deploy next Open Stack release (Folsom)
- Validate the Cloud infrastructure with an Use Case (Proteomics Data Analysis)
- Start of the Grand-Est Cloud Initiative