GAO AWS

IntelAnalytics VPC

IntelAnalytics-Cluster-Admin

Cluster IntelAnalytics-1   10.0.x.0/27

IntelAnalytics-1-Node03

IntelAnalytics-1-Node02

IntelAnalytics-1-Node01

IntelAnalytics-1-Master (iPython)

.....

Cluster IntelAnalytics-<N>   10.0.x.0/27

IntelAnalytics-N-Node03

IntelAnalytics-N-Node02

IntelAnalytics-N-Node01

IntelAnalytics-N-Master (iPython)

SSH Only from only 10.0.0.0/18

Inbound SSH Only from Given Source

Https (iPython)

Https (iPython)

IntelAnalytics RDS Server

IntelAnalytics Web Server

User 1 iPython

User 1 Login

User N iPython
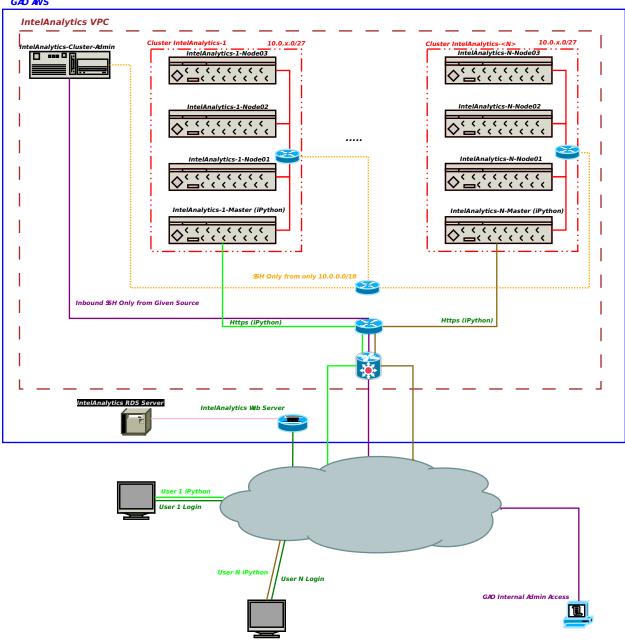
User N Login

GAO Internal Admin Access

Compute Cluster Instance

- RHEL 6.4
- cc2.8xlarge (10Gbit)
- 1 x 16GB EBS for Boot
- 4 x 1TB IS for Data
- Hadoop 1.2.1, replication factor 3
- Hbase 0.94.12-security
- Titan-0.4.0
- Tribeca-0.5: iPython, Giraph, Mahout, etc.

AWS Boundary

VPC Boundary

Per Cluster/Subnet Boundary

VPC Internal Management Network

SSH Management Access (Internal User)

Web Server Access (External)

iPython Acccess from User 1 (External)

iPython Acccess from User 1 (External)

Database Access for User Info (Internal)