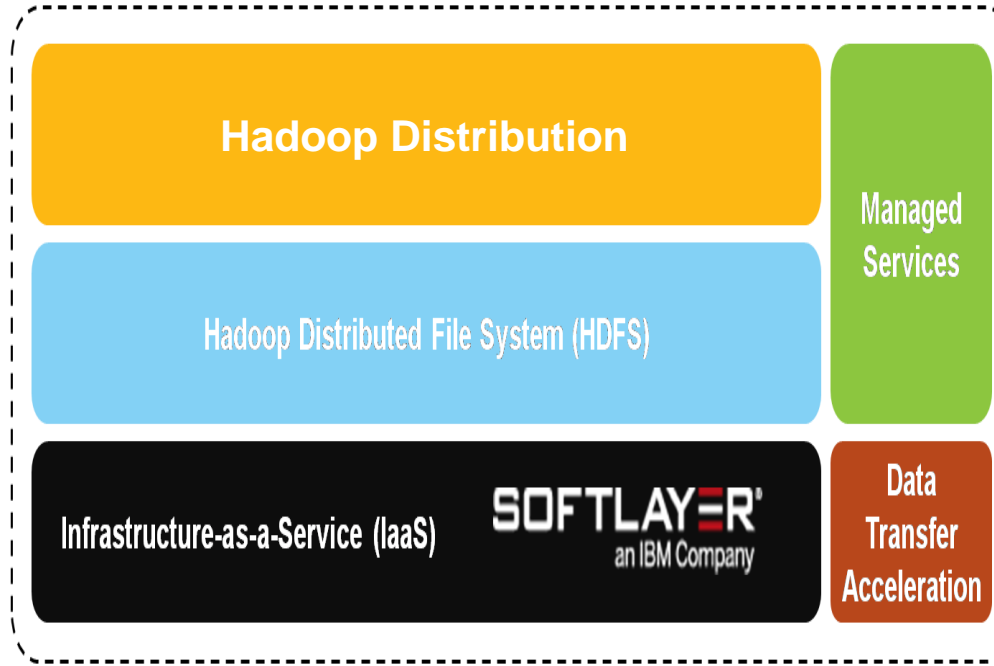


SoftLayer Hadoop 소개

August, 2015





- 안전성 – Cluster를 해당 고객에 전용으로 제공하는 bare metal 서버, VPN 접속이 되는 VLAN 환경, data center 위치제공
- Fully managed services – 10년 넘는 경험을 보유한 HPC와 Hadoop 전문가들이 지원. Option으로 선택가능

- Hadoop 자원을 필요한만큼만 사용 – 구매/설치/환경구성 필요없이 temporary로 cluster에 access
- Risk 감소 – commit 필요없이 Hadoop, 다양한 distribution, 버전과 data value를 explore
- 저렴한 비용 – 사용한만큼만 지불
- 예측가능하며 믿을수 있는 성능 – 물리적인 서버에서 실행
- 24*7 지원 – 인프라관련 이슈에 대한 access support
- 전문가의 지원 – cloud/ops 전문팀이 설치 및 환경구성



Bare Metal Power



Full Control



Expert approved

Recommended Configurations

Management Node	Process Node	2U Storage Node	4U Storage Node
2.4GHz Dual Xeon 5620	2.4GHz Dual Xeon 5620	2.0GHz Dual Xeon 2620	2.0GHz Dual Xeon 2620
24GB RAM	24GB RAM	64GB RAM	64GB RAM
2X 500GB SATA	RAID 1 2x500GB SATA II JBOD 2 x 1TB SATA II	JBOD 8 x 1TB SATA IIA	JBOD 12 x 1TB SATA II
20TB public outbound bandwidth	20TB public outbound bandwidth	20TB public outbound bandwidth	20TB public outbound bandwidth
Starting at \$504/mo	Starting at \$567/mo	Starting at \$1,285/mo	Starting at \$1,603/mo
START BUILDING	START BUILDING	START BUILDING	START BUILDING

Hadoop enables a computing solution that is:



Scalable

A cluster can be expanded by adding new servers or resources without having to move, reformat, or change the dependent analytic workflows or applications.



Cost effective

Hadoop brings massively parallel computing to commodity servers. The result is a sizeable decrease in the cost per terabyte of storage, which in turn makes it affordable to model all your data.



Flexible

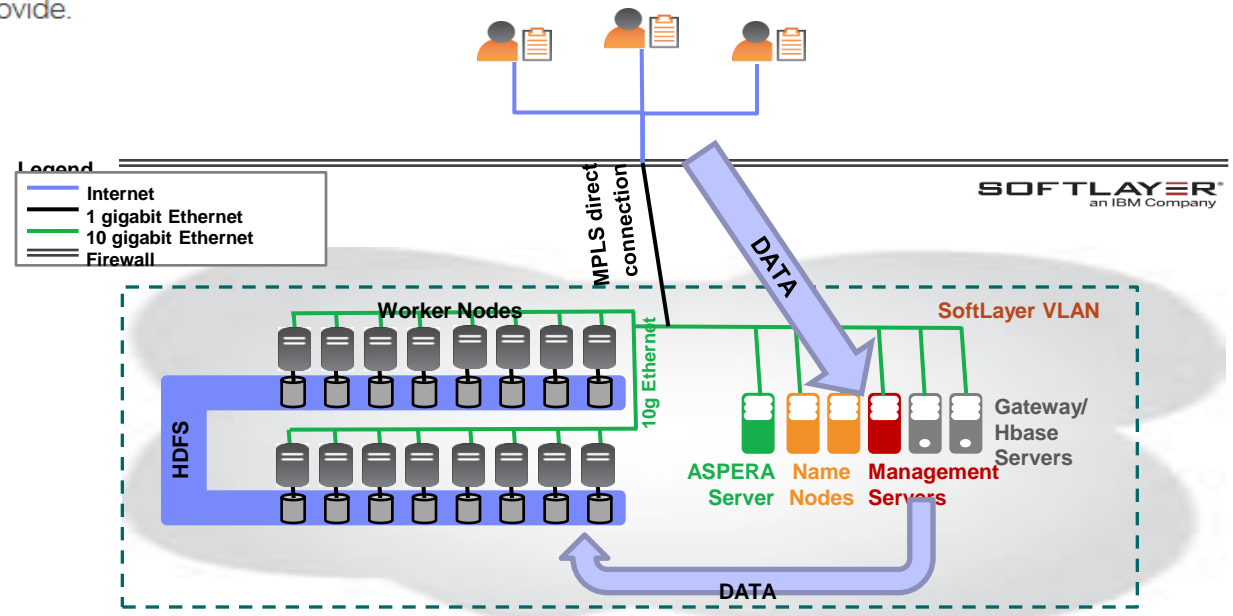
Hadoop is schema-less and can absorb any type of data, structured or not, from any number of sources. Data from multiple sources can be joined and aggregated in arbitrary ways enabling deeper analyses than any one system can provide.

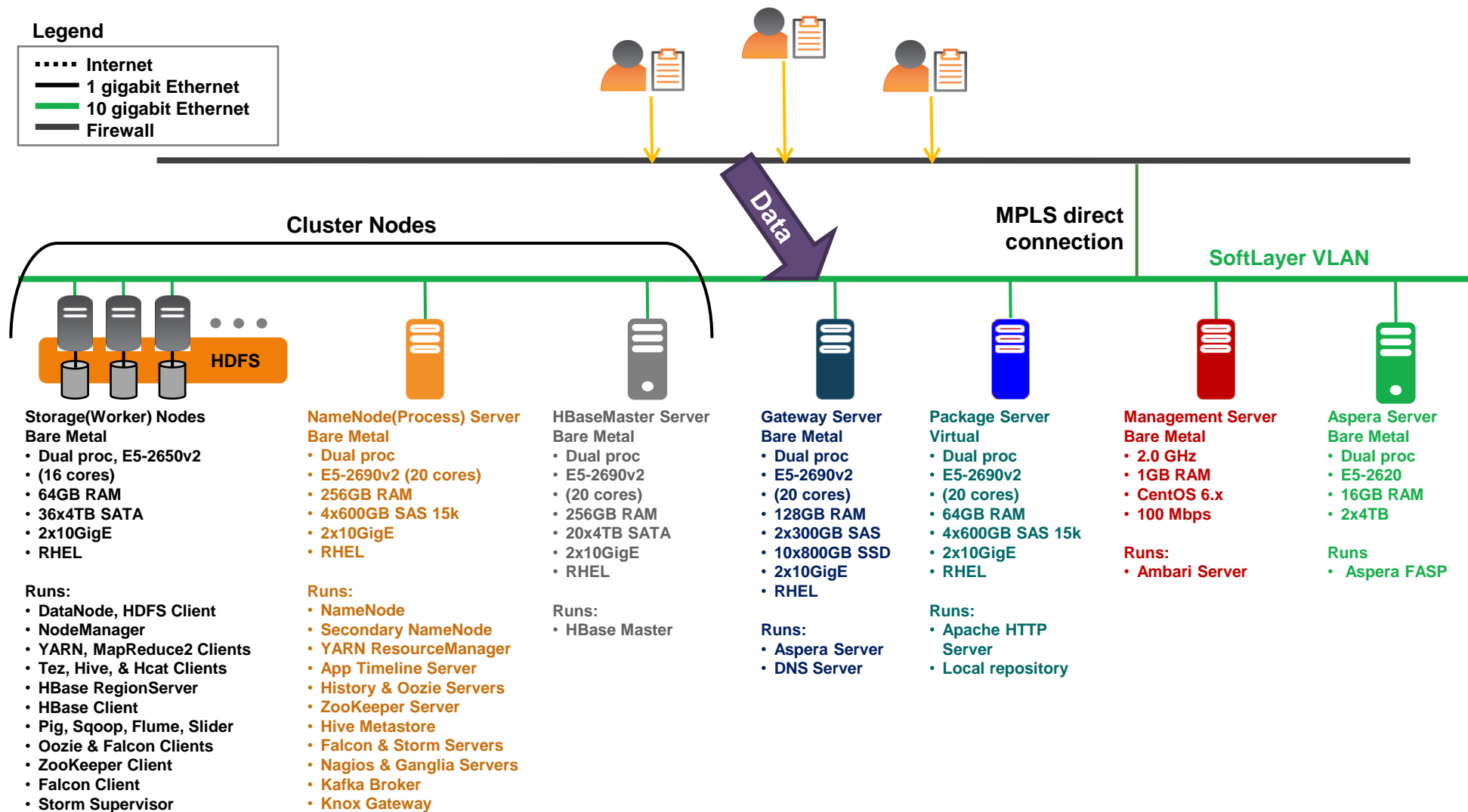


Fault tolerant

When you lose a node, the system redirects work to another location of the data and continues processing without missing a beat.

Conceptual Architecture







Build

- Fully functioning Hadoop clusters in as little as a few hours
- Complete, ready to run cluster in the cloud to simplify application deployment



Manage

- *Optional* Managed Services offering
- Transparent user experience
- Simplified file transfer between local resources & the cloud



Support

- Standard IBM 24x7 support for severity 1 issues
- Single source of support for the cloud infrastructure
- *Optional* managed services



Protect

- Security through physical isolation with dedicated physical machines and network
- Choice of data center location to meet data regulations

Complete, High Performance Hadoop solution in the cloud