



## CyberRax Data Flow Pipeline

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The CyberRax Cybersecurity Pipeline is a turn-key, high performance computing platform designed specifically for Cloudera Data Flow and Data Platform. The system is certified compatible with Cloudera Data Flow (Apache NiFi) and includes all necessary hardware, networking and software for a simple, one-step deployment. Working in conjunction with Cloudera, the CyberRax Data Flow Pipeline is capable of providing high speed data ingestion, edge-data collection, and IOT scale streaming data processing.

- 3 Node Configuration Each Node with the Following
- 2U Rackmount Chassis with Redundant Power Supply
  - 16 x Total Xeon Scalable Processor Cores / 2.1 GHz
  - 64 GB High Performance 2666 MHz DDR3 ECC Registered Memory
  - Redundant OS Hard Drive Configuration
  - 80 TB Enterprise Storage
    - Content Repo: 32 TB Storage; 2 RAID 1 mount points (total 16 TB usable)
    - Flowfile Repo: 16 TB Storage; 1 RAID 1 mount point (total 8 TB usable)
    - Provenance: Repo: 16 TB Storage; 1 RAID 1 mount point (total 8 TB usable)
    - Other HDF components: 16 TB Storage; 1 RAID 1 mount point (total 8 TB usable)
  - 8 TB Enterprise Storage
    - Zookeeper: 8 TB Storage; 1 RAID 1 mount point (total 4 TB usable)
- Dual Port 10/100/1000/10000 10GigE Network Adapter / SFP+ or RJ45 Connection
- IPMI / iKVM Dedicated Port
- CentOS 7.x Installed for Testing
- PSSC Labs HPC Hardware Integration & Testing
- Installation of OS & Raid Configuration
- Net Connect Integration Feature