

Who am I

- Scott Miao
- RD, SPN Infra., Trend Micro
- Worked on Hadoop ecosystem since 2011
- Expertise in HDFS/MR/HBase
- @takeshi.miao



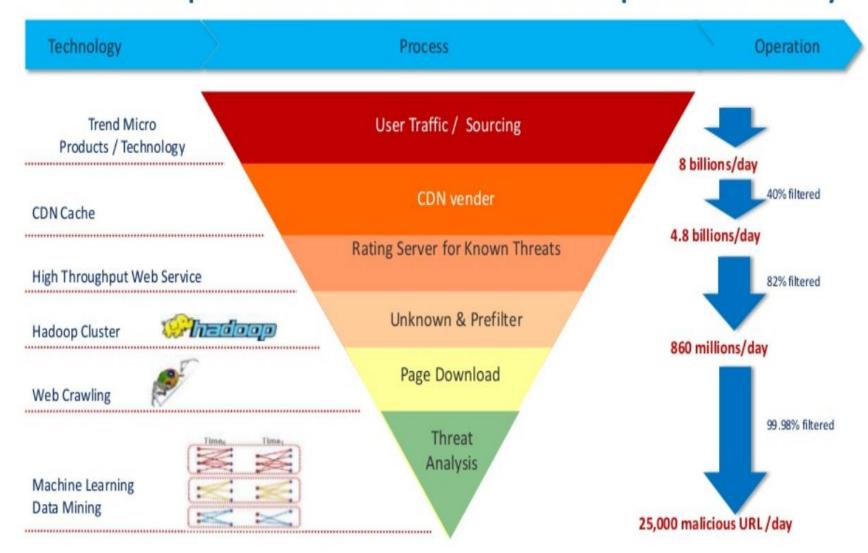
Community Activities

- Contributor for Apache HBase/HDFS
- Speaker in conference
 - <u>'Zero-downtime Hadoop/HBase Cross-datacenter</u>
 <u>Migration'</u> at Hadoop Summit 2015 in Taipei
 - <u>'A Graph Service for Global Web Entities Traversal and Reputation Evaluation based on HBase</u>' at HBaseCon
 2014 in San Francisco
 - 'A visualized cyber-threats entity reporting system backed with Hadoop ecosystem' at China Hadoop Summit 2013 in Beijing
 - <u>Rowkey design for Apache HBase</u>' in Hadoop Summit
 2012 in Taipei

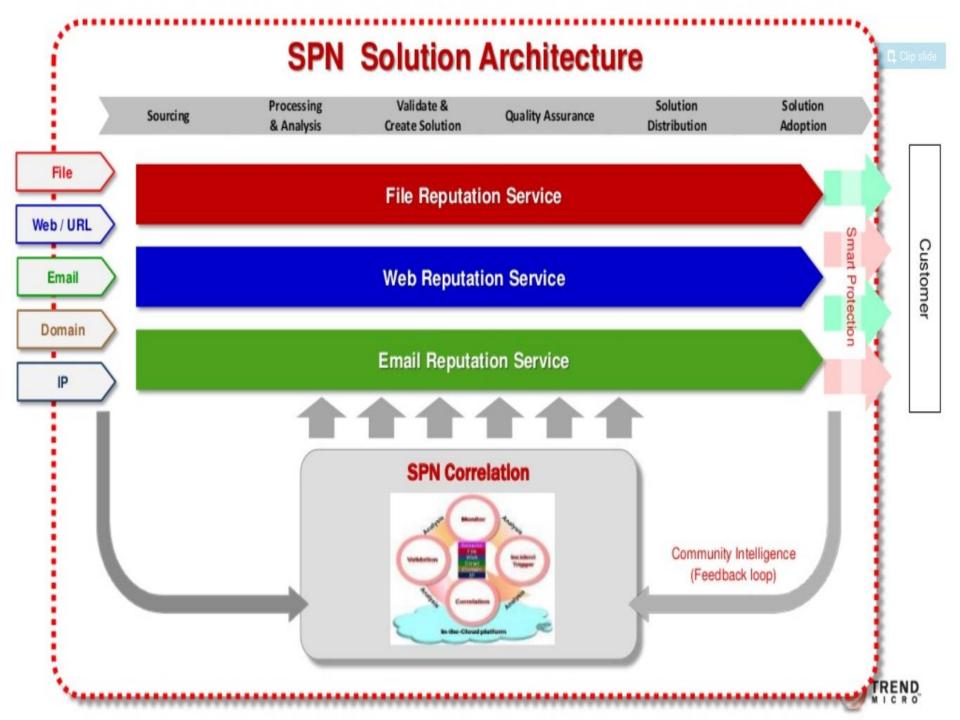
What SPN team doing in Trend?

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Web Reputation 8+ billions URL process daily

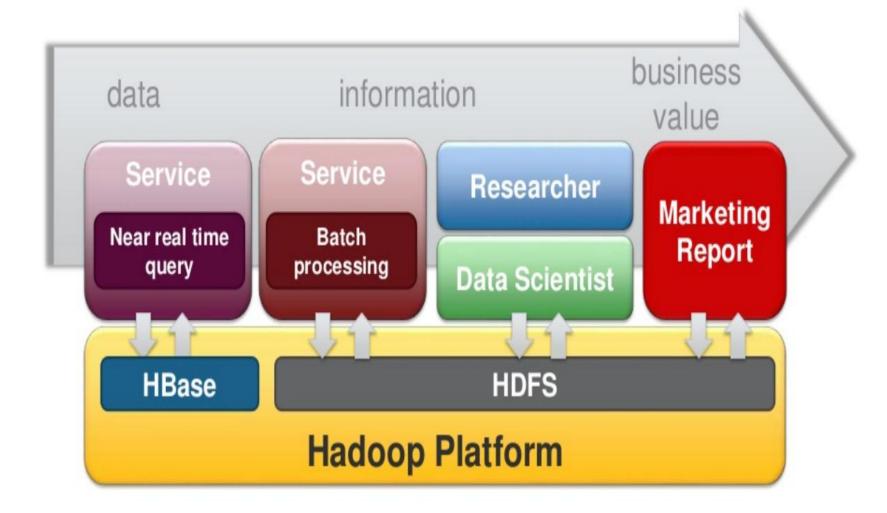






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SPN Hadoop Use Cases





Yesterday

- ~40 Hadoop nodes
- ~15 Service/user accounts
 - 3 Teams
- < 50 TB storage
- <100 Jobs per day



Today

hundreds Hadoop nodes

>170 Service/user accounts

>13 Teams

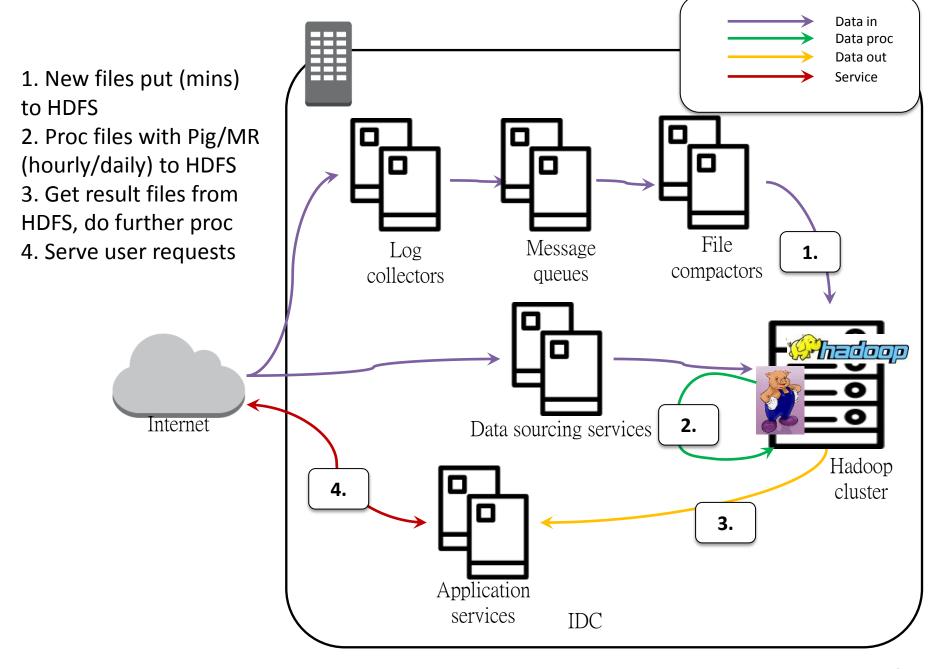
~1.5 PB storage

>16000 Jobs per day



What we doing in daily job?

On HDFS



On HBase

