NBCUNIVERSAL ACCELERATES INSIGHTS WITH DIAMANTI AND SPLUNK

BUSINESS PROBLEM

NBCUniversal (NBCU) is an international film and TV studio and distributor. To support the growing consumer shift to digital and mobile consumption of media and entertainment, NBCUniversal knew they needed to have better insight into their software development process and bring developers and operators closer together. They leveraged Splunk to deliver better insights on their internal processes, but soon ran into limitations on their architecture.

TECHNICAL CHALLENGE

NBCU's Splunk application was a critical tool for their DevOps efforts, but their existing environment was underperforming – it was limited in its architecture to ingest 1 TB per day. Like many organizations, their data sets were constantly growing. 1 TB/day wasn't enough — they wrestled with a huge backlog of unprocessed data and had lost the ability to drive actions in real time. The limits of their physical infrastructure and deployment methods were limiting scale.

NBC UNIVERSAL

One of the world's leading media and entertainment companies

Headquarters: New York, New York

Industry: Media & Entertainment

Revenue: $33.9B (2019)

"Diamanti increased our application performance without code changes and allowed us to consolidate infrastructure while automating application deployment by our development team."

Ramana Mantravadi, SVP and CTO
NBCUniversal Digital Products and Interactive Media

DIAMANTI

DIAMANTI SOLUTION

NBCU deployed a 32-node Diamanti cluster with a total usable capacity of 200 TB, and used the bare-metal platform to run Splunk. The Diamanti platform offered much greater performance per node than the previous platform. By removing hypervisors and other unnecessary layers of abstraction, the Diamanti platform — capable of delivering 1,000,000 IOPS per 1U node — delivered exceptional Splunk performance without expensive, complicated, and inflexible overprovisioning.

24x
Faster
Indexing

80%
TCO
Savings

1M
IOPS per
Node

Based on 32 node Diamanti cluster with 200 TB storage and TCO over 3 years.

✓ Fastest data ingestion and lowest TCO for Splunk on Diamanti

✓ Achieve indexing rate of more than 1 TB per hour with just 16 indexers

✓ Build your own super performant Splunk-as-a-Service

◆ DIAMANTI