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VERITAS™

About Customer

Veritas is a leader in enterprise data protection and software-defined storage, helping 87% of the Global Fortune 500 companies extract the greatest value from their most valuable asset—information.

www.veritas.com

Geo

North America

Industry

High Tech

Solution Area

Activate Real-Time Analytics and AI

Modernize Data Protection

Products in Use

Pure Storage FlashBlade

Splunk SmartStore 8.0.2

Veritas Discovers the Truth About Splunk on Pure

For Veritas, data is central to the business. Its solutions are focused on protecting customer data, supporting 24x7 availability of their business applications, and providing the insights they need to comply with evolving data protection regulations.

Veritas itself relies on data to keep systems running—using Splunk to detect anomalies and threats in its environment. The faster it can analyze the data, the better it can protect its infrastructure. But high costs and lagging performance with Splunk on an Infrastructure as a Service (IaaS) platform were unsustainable. Veritas turned to Pure Storage for a better solution.

"With better search performance, our teams feel more confident using Splunk. In addition, Splunk on Pure helped us stay productive during the COVID-19 crisis by making it easy to collect and analyze data remotely."

NEHA MEHRA,
SR. IT APPLICATIONS SPECIALIST, INFRASTRUCTURE AND CLOUD SERVICES, VERITAS

Impact on Veritas

Reduces 5-year costs from $2M in Opex to a one-time $350K Capex investment

Supports strategy of faster, better, affordable compute with 30% fewer servers

Boosts IT productivity, even as teams transitioned to working from home

Challenges

Reduce costs in the Splunk environment, deployed on IaaS.

Accelerate search performance for complex queries and reports.

Rein in rising data complexity in a hybrid cloud environment.

Results

Reduces costs and carbon footprint with 30% fewer servers.

Speeds time to action with 27% faster performance for complex queries.

Scales easily, with the ability to add or remove nodes in minutes vs. hours.

The Veritas IT team has a big job, keeping a growing hybrid cloud infrastructure up and running. They rely on Splunk to search and analyze application and infrastructure logs—ingesting 600GB of data daily. Splunk is crucial for identifying anomalies and detecting security threats such as ransomware.

Neha Mehra, Sr. IT Applications Specialist, Infrastructure and Cloud Services, recently led a project to optimize Splunk with a modern on-premises storage solution.

"Running Splunk Classic through an IaaS model was costing us hundreds of thousands of dollars every year," says Mehra. "We needed a way to cut costs while increasing our search performance and scalability."

Speed, Scalability, Savings—Veritas Shows It Can Be Done

Veritas chose to implement Splunk SmartStore on Pure Storage FlashBlade technology. With Splunk SmartStore 8.0.2, Veritas has enhanced its predictive analytics with machine learning algorithms for anomaly detection, event correlation, and capacity forecasting. Lastly, the Pure stack delivers on cost, performance, and scalability.

"With a single $350,000 Capex investment in Pure Storage, we save $400,000 in Opex annually," Mehra says. "And the infrastructure can last five or 10 years with Pure Evergreen."

Running Splunk on Pure Storage, Veritas can run complex queries and reports in 27% less time, even on historical data, which is often needed for regulatory compliance. That helps the company act on insights faster. It has also helped the company navigate unexpected circumstances.

"We couldn't have seen it coming, but Splunk on Pure helped us stay productive during the COVID-19 crisis by giving us the speed to collect and analyze data remotely," says Mehra. That's because older data is on higher-performance storage, which means faster concurrent and forensic searches. "With better search performance, our teams feel more confident using Splunk," she says.

Because Splunk indexer nodes use less CPU resources for storage operations, the solution has a smaller carbon footprint with 30% fewer servers, supporting a strategy of faster, better, less expensive compute. And Mehra appreciates how easy it is to scale the environment. "With Splunk SmartStore on Pure Storage, we can add and remove compute nodes in minutes instead of hours—no more rebalancing across indexers," she explains.

Veritas and Its Customers Run on Pure

Veritas sees its Splunk optimization project as one more reason its alliance with Pure Storage works. "Not only do we deploy our solutions on Pure platforms for customers, we use Pure FlashBlade in our own infrastructure," says Mehra.

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