Veritas Loom

Loom Option1 Datasheet

Release 0.7.0

Veritas Technologies LLC

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Contents

1 ENTERPRISE INFORMATION MANAGEMENT

Digital revolution has bombarded businesses with ever multiplying new workloads and processes that generate huge amounts of structured as well as unstructured data on a daily basis. Companies spend increasing amount of resources on storing, managing and archiving this data while only a small fraction of it is actually utilized more than once. Within these unexplored realms of dark data lies tremendous potential to create newer avenues for business revenue as well as the data minefields. Such data minefields could explode unexpectedly, triggered by newer regulations and compliance demands for data privacy and security, causing heavy penalties for the business.

Today, most enterprises simply use data to support businesses rather than as an enabler for illumination, deriving information or gaining knowledge for growth and optimization. Their key challenges include wide distribution span of enterprise data sets on premise and in the cloud, absence of capabilities that can reliably handle data at scale, and obtaining visibility into data location, access patterns, data classification in order to determine its business relevance and value. What is needed here is a shift in approach - from infrastructure-centric to a strategic data-centric model is needed as enterprises deal with data security, privacy regulations, and use analytics to generate improved business insights hat is needed is a that works in tandem with enterprise move to multi-cloud environments, to better prevent and recover from cyber attacks, comply with new data privacy regulations, and to use analytics to generate improved business insights.
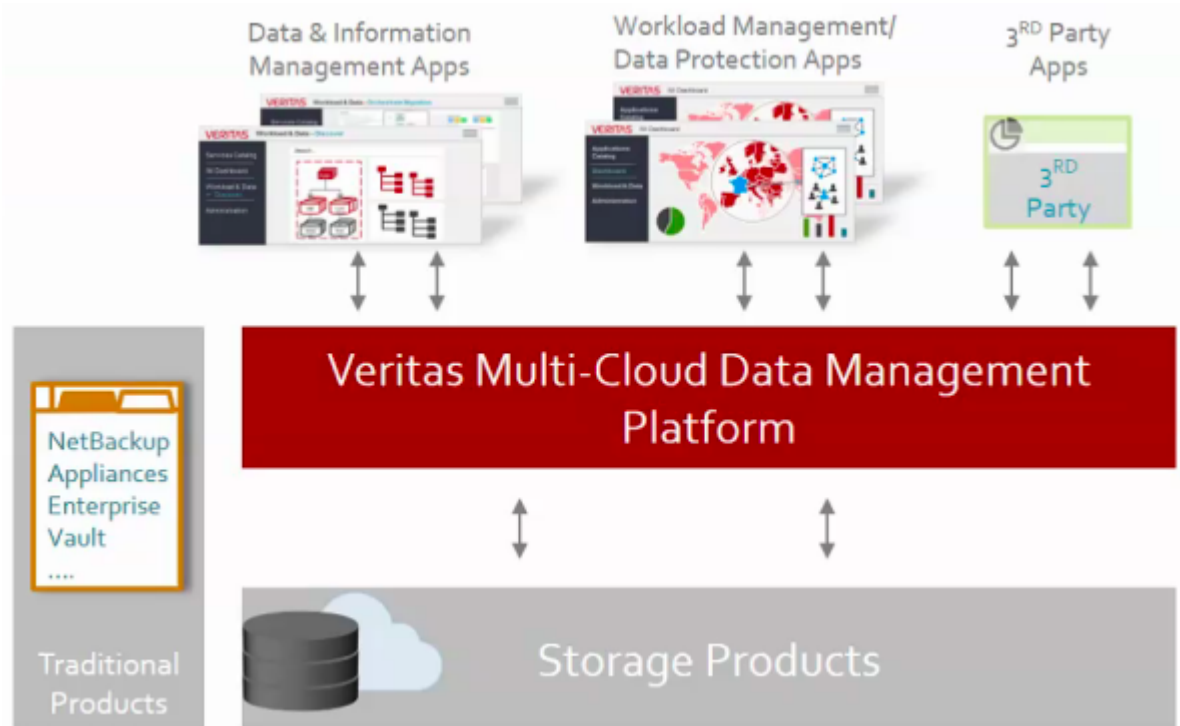

Fig. 1: Figure: Loom High Level Overview

2 PROTECT, GOVERN & MONETIZE ENTERPRISE DATA ASSETS ON PREMISE AND IN THE CLOUD

Digital economy demands more than just protecting and managing enterprise data. Businesses need to take charge of their data assets, whether on premise or in the cloud, and govern data using a single point of control that offers unified

user experience, simplified interfaces for higher productivity and flexibility to address upcoming business requirements by quickly creating, integrating and deploying new solutions.

3 INTRODUCING LOOM - THE VERITAS MULTI-CLOUD DATA MANAGEMENT PLATFORM

Veritas Loom is a Multi-Cloud Data Management platform that offers enterprises a complete end to end solution to enable enterprise data asset governance with patent pending technology that is highly scalable, flexible, reliable and extensible with multi-tenancy in-built. It comprises of the state-of –the art Information Management platform, Dashboard and Developer resources bundled with Veritas and 3rd party applications delivered via Marketplace to address the enterprise need for data protection, governance and monetization of data assets on-premise as well as in the cloud.

4 PERFORMANCE, SECURITY & COMPLIANCE

This section will list information related to scale of data that the Loom core services can handle in terms of concurrent users, tenants, application workloads, rate of data analyzed, classified, data scan and other jobs completed per hour. In addition, it can also share information regarding the security and compliance standards that the product adheres to.

5 LOOM DEPLOYMENT MODELS

Veritas Loom offers a flexible deployment model to suit enterprise business needs and budgets. It is designed and validated to support (TBD based on actuals from Engineering) say Exabytes of data, thousands of concurrent accesses and more - TBD. Enterprises can use any of the supported deployment models listed below:

- **On Premise:** Enterprises with heavy investment in an on-premise infrastructure and stringent privacy requirements could choose this model and set up the control as well as data planes within their firewall.

- **Cloud Deployment:** Veritas Loom can be setup either in a private cloud deployment model or as a multi-tenanted MSP setup which can be used by several customers such as small enterprises who do not wish to make any infrastructure investments.

- **Hybrid:** Depending upon the business needs, enterprises could choose to setup the Loom Control plane on premise while the data planes can reside in the cloud for scale and efficiency.

6 PRODUCT HIGHLIGHTS

- Multi-tenant architecture for multi-cloud data management across enterprise silos

- 360 Data Analysis for Enterprise grade comprehensive data visibility, actionable insights on enterprise data access patterns and more

- Enterprise Data Content Classification powered by Machine Learning technology

- Policy driven Data Mobility, Retention

- Multi-tier Storage Optimization

- Information-centric data security

- Customer Data Marketplace

- Workload Management & Load Balancing

- Data copy life cycle management

- Deployment Flexibility: Cloud, On Premise, Hybrid

..note:: Product Feature Roadmap

 Only the first four features listed above will be available in the Alpha1 Release

7 TECHNICAL SPECIFICATIONS

The Technical Specifications of Loom comprises of various infrastructure and technology related details that are required to deploy and use the Loom within an enterprise. For details refer to the System Requirements section.

8 FEATURES & BENEFITS

Veritas Multi-Cloud Data Management platform is the foundation that provides a robust, scalable ecosystem through which enterprise information management applications can not only gain data insights in a shared manner but also build upon analytics and data classification features offered by the platform to monetize actionable insights. Following are some of the key features of the platform.

PRODUCT FEATURES
Multi-tenant, micro-service based architecture with modular services that can be leveraged by data crunching applications while sharing infrastructure resources
Secure connectivity to plethora of (20+ connectors? Use proper term here) enterprise data assets
Tracking and auditing capabilities for enterprise data access activities to achieve regulatory compliance
Built-in data analytics job management and framework to further analyze metadata utilize insights such as data ownership, business value of data, data location and usage
Actionable intelligence through smart data scans, advanced data classification and machine learning driven data analytics to gain insights such as – is the business-critical data backed up, what are the enterprise data asset vulnerabilities, where is scope for storage optimization etc.
Policy based engine for managing data workflows and behavioral analysis to help enterprises achieve comprehensive information governance
Powered by cutting edge, patent pending machine learning algorithms for data classification
Seamless integration with Data Protection and archival functions (future releases?)
3rd party RESTful Web Service APIs to enable newer data crunching business applications needs and seamless integration into the enterprise information governance ecosystem

Following are some of the key benefits of Loom:

PRODUCT BENEFITS
• Boost Productivity of Enterprise Information Governance Practices
• **Obtain 360 degrees customer view into data assets to gain actionable insights and** lower operational costs
• **Improve operational efficiency through intelligent, policy based, information** management
• Ease of compliance with information security and data privacy regulations
• **Flexibility to implement content-enabled Loom Applications either as single** departmental solution or deploy them across your entire enterprise

9 SUPPORT & LICENSING

This section will list information related Loom Support & Licensing details. How customers can order/purchase/try the product online or contact sales.

You can refer to some placeholder content for now here. This is Work in Progress.

For further information visit "Loom External Website /Sales URL"