

Versa Advanced Logging Service

Introduction

The security and networking landscape continues to evolve. Sophisticated threats emerge every day and it's critical to get visibility of these incidents. Identifying and stopping such threats is top priority for the security researchers. When new threats are detected in an organization, having access to the events which have occurred in the network is key for security researchers to understand the scope and seriousness of the threat.

At the scale where every event in the network is logged for future analysis, the big data-based systems become unwieldy to manage and monitor. Long procurement, planning, and deployment cycles make reacting to changing storage requirements slow.

Administrators need efficient access to the data during analysis. Versa's Advanced Logging Service is a 'Software-as-a-Service' which provides the ability to store, retrieve, and manage logging.

Introducing Advanced Logging Service

Versa's cloud-managed, cloud-delivered Advanced Logging Service helps secure the Enterprise network by allowing extensive log storage of network and security events for an extended period. With Advanced Logging Service, you have access to logs at any time. The logs can be filtered and searched with specific criteria allowing you to focus on relevant events.

With Advanced Logging Service, customers can achieve:

- **Extended storage** of large volume of logs that are processed and searchable
- **Guaranteed fast response irrespective** of the number of logs stored. There is a dedicated Versa NOC performing periodic reviews of load, response times, and failures
- **'Single Pane-of-Glass' visibility** via your on-premises MSP-hosted or Versa-hosted headend

Any Versa branch processing data path traffic handles hundreds of data application flows every second. The application flow information provides important insight into the activities happening in the network. VOS™ logs the flows and export flow logs for ingestion by the Versa Advanced Logging Service. Flow logs are then processed and stored in an optimized format allowing administrators to view the information efficiently.

Many regulations require storage of the flow information for a specified period. Specific event information to local legal entities based on lawful entity requests may need to be provided. Versa can store the logs over extended periods of time and retrieve the logs to satisfy respective criteria and compliance rules.

Security administrators investigating security incidents can use the flow log data to glean information on the activities happening in the network at the time of event, and the historical data before and after, to understand details further. Flow logs can be filtered to look at specific timeframes, users, and locations, to correlate information from different sites to create a map of events. This is a very useful analytics tool for security administrators who need to troubleshoot and/or understand the context of the security incident.

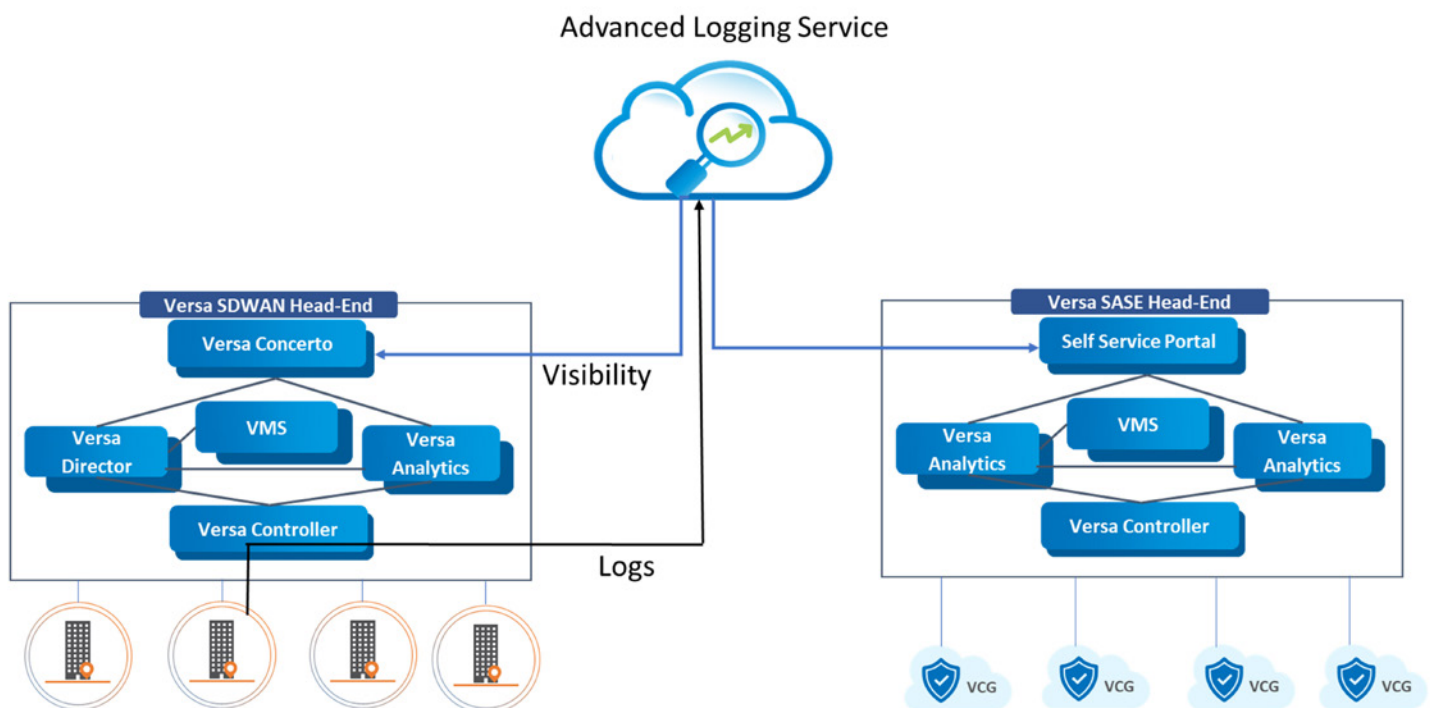
Service Components

Versa Advanced Logging Service seamlessly integrates a variety of log sources:

- **Secure SD-WAN** when hosted on an on-premises headend, MSP hosted headend, or Versa hosted headend
- **Versa Secure Access Service Edge (SASE)** Services such as next generation firewall or secure web gateway logs

Versa Secure SD-WAN CPEs, Versa Cloud Gateways (which deliver Versa SASE services) are configured to forward the logs to Versa Analytics. These logs are securely transmitted over IPsec tunnels from the CPEs or Versa Cloud Gateways to the Advanced Logging Service via the Versa Controllers managing the SD-WAN CPEs or Versa Cloud Gateways.

The headend managing the SD-WAN CPEs or the SASE infrastructure provides seamless access to the logs stored in both local analytics cluster and/or in Versa Advanced Logging Service.



Additional Benefits of Advanced Logging Service

Easy Configuration

VOS™ communicates with the SD-WAN or SASE headend over a secure channel via Versa Controller. The CPEs are configured to generate and forward the logs to Advanced Logging Service with single pane of management solution (Director, Concerto Portal, or Titan Portal). VOS can be configured to send each type of log to either the Advanced Logging Service and/or customer's analytics solution. The configuration is centrally managed using the management solution (either Director, Concerto or Titan portal).

Single Pane of Management

Customers deploy and manage their visibility from a SD-WAN or SASE Analytics solution. In addition to logging solution, the analytics system provides visibility into SD-WAN overlays, SLAs, Application usage etc.

When subscribed to advanced logging service, the same analytics portal provides visibility to the logs stored in the Advanced Logging Service. The SD-WAN or SASE Analytics solution abstracts the data source and provides single pane of visibility. Role-based access control policies from Versa Director or Versa Analytics ensures privacy of the logs in an multi-tenant environment.

Independent Upgrade Schedule

The Advanced Logging Service works independently of the software version running on CPEs. The SD-WAN network can now be upgraded independently and based on corporate pre-defined schedule. The Advanced Logging Service follows CI/CD model to leverage latest developments in the product without impacting the SD-WAN network.

Versa Managed Solution

Versa Advanced Logging Service is a scalable logging solution which can scale to Peta Bytes of data in large clusters. Versa NOC engineers are trained to monitor the cluster for performance and health of the nodes in the cluster. Versa NOC performance regular maintenance of the data to ensure your administrators have efficient access to the data when they need it.

Versa uses CI/CD model of development for Advanced Logging Service to provide latest scaling and performance improvements for the customer.

Versa is available in multiple regions. Customers can leverage logging service in one or more regions to comply with local regulatory requirements.

Ordering Information

The number of logs stored in the ALS determines the license capacity required by the network operator. The total amount of logs is determined by both number of logs generated per day and number of days the logs are expected to be stored. Please reach out to your Versa Sales representative for pricing information.

About Versa Networks

Versa Networks, the leader in SASE, combines extensive security, advanced networking, full-featured SD-WAN, genuine multitenancy, and sophisticated analytics via the cloud, on-premises, or as a blended combination of both to meet SASE requirements for small to extremely large enterprises and Service Providers. Versa SASE is available on-premises, hosted through Versa-powered Service Providers, cloud-delivered, and via the simplified Versa Titan cloud service designed for Lean IT. Thousands of customers globally with hundreds of thousands of sites trust Versa with their networks, security, and clouds. Versa Networks is privately held and funded by Sequoia Capital, Mayfield, Artis Ventures, Verizon Ventures, Comcast Ventures, Liberty Global Ventures, Princeville Global Fund and RPS Ventures.

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