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SILVER PEAK VX FOR AMAZON WEB SERVICES

Silver Peak VX for Amazon Web Services (AWS) is data acceleration software that improves the efficiency and speed of business applications running in AWS, while reducing ongoing cloud costs. By optimizing network performance, Silver Peak VX for AWS:

- **Improves AWS applications.** Accelerates the underlying transport and reduces data transfers by up to 100x.
- **Increases operational efficiencies.** Eliminates over 50 percent of the data transferred to and from AWS.
- **Minimizes up-front investment.** IT can pay for acceleration only for as long as needed. Scales acceleration capacity on-demand to fit application requirements.
- **Shortens deployment times.** Installs instantly with "1-Click launch" from the AWS Marketplace. No sales teams to contact or long delays due to shipping or processing times.
- **Extends security to a nearly unlimited number of Internet connections** using AES and IPSec encryption. No impact on Silver Peak VX for AWS scalability or performance.
- **Simplifies cloud management**. Provides visibility into all aspects of application delivery across AWS and the distributed enterprise—including application behavior, WAN performance, and bandwidth utilization.

ACCELERATE ANY CLOUD APPLICATION IN REAL-TIME

Silver Peak VX for AWS is built on the company's Virtual Acceleration Open Architecture (VXOA), whose real-time optimization techniques maximize cloud performance over the Internet or any wide area network (WAN). With VXOA, AWS users can:

- **Minimize performance degradation** over distance by eliminating transport latency.
- **Improve efficiency and lower traffic charges** through byte level deduplication and compression.
- **Increase responsiveness** by recovering lost and out-of-order packets in real-time and prioritizing latency-sensitive applications using Quality of Service (QoS) and traffic shaping techniques.

Silver Peak VX for AWS optimizes and improves the performance of any application, scaling to 256,000 encrypted flows and more than 1 Gbps of throughput.

In-house developed applications, file sharing, even latency sensitive traffic all benefit from Silver Peak's industry leading performance—regardless of whether they run over TCP, UDP, or an IP-based, proprietary protocol.

With Silver Peak VX for AWS, even large files and datasets can be moved to and from AWS in an instant.

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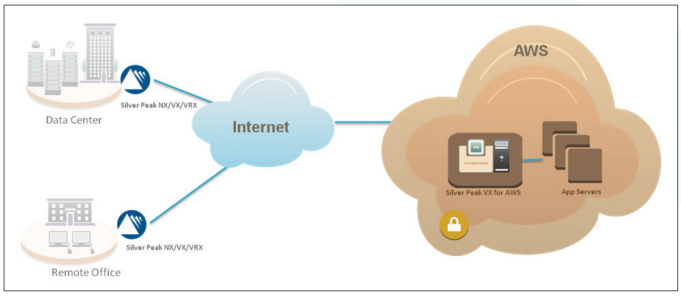
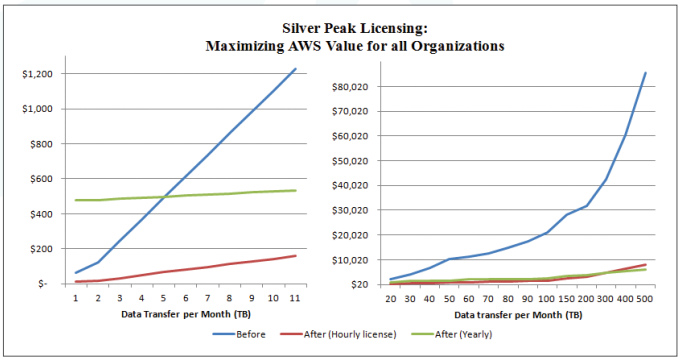


Silver Peak software is deployed in the company's AWS cloud and at each of the customer premises.



Silver Peak's licensing options accommodate nearly any company's cloud requirements. In this example, paying by the hour (utility licensing) is particularly cost effective when sending less than 10 Terabytes (TB) of data from AWS each month and nearly the same as a yearly license (BYOL) for over 20 TBs per month.

CLOUD ACCELERATION PRICED FOR YOUR CLOUD

Silver Peak VX for AWS accelerates any business application—from small-business clouds to data center-clouds. Organizations select the Silver Peak VX for AWS models that match their needs for optimized WAN bandwidth and optimized flows.

- **Optimized WAN bandwidth** is the maximum amount of data sent or received by Silver Peak VX for AWS after compression and deduplication. Applications may generate 100x more data than the optimized WAN bandwidth.
- **Optimized flows** are the maximum number of simultaneous IP connections optimized by Silver Peak VX for AWS.

With each user generating 10 and more simultaneous flows, the maximum number of simultaneous optimized flows is often the major scaling challenge for cloud acceleration solutions.

Silver Peak VX for AWS is licensed to match your needs. Amazon's utility license lets you pay by the hour, pay by year with Amazon's Bring Your Own License (BYOL), or purchase the software outright. Silver Peak for AWS models are available in all AWS regions and require a minimum of 30 GB of Amazon Elastic Block Store (EBS) storage.

Silver Peak VX for AWS	VX-1000	VX-2000	VX-3000	VX-5000	VX-6000	VX-7000
Optimized WAN Bandwidth (Mbps)	4	10	20	50	100	200
Optimized flows	8,000	64,000	64,000	64,000	128,000	128,000
Bring Your Own License (BYOL)	Yes	Yes	Yes	Yes	Yes	Yes
Utility License	No	Yes	No	Yes	No	Yes
Recommended Amazon EC2 Instance	Large	Extra Large	Extra Large	Extra Large	M3 Double Extra Large	M3 Double Extra Large
Minimum EBS Storage(GB)	30	30	30	30	30	30
Offered AWS regions	All	All	All	All	All	All

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