eMAM · SIGNIANT

Get High Speed file movements in Cloud using Signiant Flight

Challenges

Data is the key ingredient in all the media workflows. With growing data, leading enterprises are moving towards adoption of Cloud storage options. However, seamless data movement in and out of cloud remains super challenging for most of the organisations. Transferring enormous amount of data to and from the cloud takes time, which can impact performance too. Therefore, today organisations are looking for efficient, secure and seamless ways of data movement, be it the ingest of large files to cloud or distribution of files in cloud to multiple locations across the globe rapidly.

Solution

To meet the evolving needs of our customers, eMAM 5.1 is now closely integrated with Signiant Cloud to overcome the challenges of file movements in and out of Amazon storage. This combined solution offers our customers intelligent data transfers into and out of Amazon S3 buckets.

Signiant Flight is an easy-to-deploy solution that accelerates the movement of large data sets in and out of cloud. Flight provides the ability to upload or download large files up to 200x faster than a standard transfer, and offers ease-of-use, scalability and low operating costs. Live videos that utilizes an HTTP-based streaming protocols (such as HLS, HDS, or MPEG-DASH) can be easily delivered. Flight's direct access to cloud services enables media companies to transcode and render huge video files, researchers to process genome sequencing, medical scientists to analyze clinical trial data, geospatial industries to process big data analytics and more.

eMAM and Signiant Flight

eMAM uses Signiant Flight as a file movement accelerator to upload and download content from Amazon S3. Using Signiant Flight, eMAM users can ingest large sets of data to Amazon Cloud quickly from multiple locations, anywhere in the world. They can also rapidly access and distribute data in cloud to different regions to meet their post-production workflows. eMAM Premiere Panel with Adobe Media Encoder transcoder type uses Flight CLI to upload the files directly to Original and Proxy S3 buckets.

Benefits

- Fast: Large sets of data can be easily ingested or transported to and from the cloud from multiple global locations. With a patented scale out architecture that accelerates any HTTP(S)-based transfer, Flight achieves unprecedented speed.

- Flexible: As a cloud-native solution, Flight harnesses the flexibility of the cloud, delivering an elastic, high-availability solution that is easy to deploy and use.

- Secure: Flight encrypts all data during transit and Signiant's 24/7 operations team provides global monitoring and support service for thousands of clients around the world.

- Control and visibility: With full visibility of all transfers and advanced functionality such as resource control, a Flight/M+A integration affords seamless management of data transfers.

Use Cases

- Speedy Ingest: Easily upload small and large sets of media contents into Amazon S3 buckets in a fast and secure manner from multiple geographical locations.

- Direct connect to Cloud Services: Flight directly connects with Amazon S3 enabling you to transcode and render huge video files in a cost effective and efficient way.

Signiant Flight ensures free flow of data in a fast, secure and reliable manner so you can meet your daily media workflows without any latency. Broadcasters, service providers and content creators can use Signiant Flight to transfer of large video and audio files in and out of Amazon storage to create powerful automated media workflows while providing an elegant user experience.

eMAM

eMAM™, powerful media asset management platform, for users to easily manage and use all of their digital assets throughout their organization from any global location. It provides an online proxy library of digital content with rich collaboration tools while managing native resolution content in storage and archive. With a series of best-in-breed integrations, eMAM can provide complete integrated media workflows. eMAM systems range from small workgroups to large enterprise installations, on premise or in the cloud, with access from any web browser, Android tablet, or iPad.

About SIGNIANT

Signiant's intelligent file movement software helps the world's top content creators and distributors ensure fast, secure delivery of large files over public and private networks. Built on Signiant's patented technology, the company's on-premises software and SaaS solutions move petabytes of high-value data every day between users, applications and systems with proven ease.

About EMPRESS

Empress Media Asset Management LLC, is a privately held company providing media asset management and workflow management solutions for broadcast, media and corporate clients including its eMAM Online, eMAM Vault, eMAM Workgroup, and eMAM Enterprise work lines. It is a part of the Empress family of companies, which includes Empress Cybernetics Systems Private Ltd, specializing in customized software development, and Empress Media Inc.one of the largest distributors of blank recording media and production supplies in the country.