Qumulo Studio Q
Enable Remote Content Creation with a Video Editing Studio on AWS

Demands have never been greater for Media & Entertainment studios. The demand for content is at an all-time high, and deadlines are tighter than ever. With remote work deeply changing how creative organizations work, and data growth impacting workflows across every industry, yesterday’s approach to productivity just won’t keep up. Studios seek new ways to produce content quickly by harnessing the power of a global talent pool, rapidly deploy workstations, and leverage remote workflows in the cloud.

Adobe Premiere Pro is the industry standard for video editing, and content creators rely on this software no matter where they’re located or how much data they’re dealing with. Clearly, a cloud-based way to use the Adobe Creative Cloud Applications is needed.

Qumulo Studio Q is exactly that, enabling Adobe Premiere Pro-based workflows on AWS with Teradici. It handles petabyte scale with on-premises levels of performance and security.

Move terabytes and petabytes of video to the cloud, edit video easily with your favorite Adobe tools, connect your files to AWS cloud services, manage your video files, and secure your most important file data with Studio Q from Qumulo, AWS, and Teradici.

Keeping Up with the High-Definition Competition

Video editors are dealing with file sizes that would’ve been unheard-of just five years ago: 1 minute of 640x480 standard-definition content takes up 2 MB. That same minute of video in 4K definition, the current industry standard, takes up 84MB.

Obviously, this 42X increase in file data volume creates a need for a 42x increase in file data storage. Adding the needs of social distancing and design-from-anywhere, the public cloud becomes the natural choice for a forward-thinking M&E company or corporate video creation studio. There’s a major problem, though - the core services of major cloud providers like AWS are set up to deliver top-of-the-line networking and compute capability, rather than being architected for file data management at scale. And getting three different pieces of software setup in one AWS environment to enable a single workstation is a task that requires an investment of time and some degree of familiarity with AWS.

That’s where Qumulo comes in.

Together, Qumulo, AWS and Teradici offer a modern solution to this challenge, letting editors use Adobe Creative Cloud Studio from anywhere. Built for ease of use and for scale, Studio Q delivers an integrated editorial workflow ready to meet today’s challenges and the challenges of the future. Best of all, it delivers fast and seamless collaboration, even with multiple editors working with multiple timelines.

Deploy Easily with Studio Q’s AWS Quick Start

AWS and Qumulo have partnered to simplify deployments via the Studio Q Quick Start - an AWS Cloud Formation Template that automates the majority of the setup work and incorporates all four vendors that make up a Studio Q environment. With this simple solution, organizations can get started quickly and easily.

Features & Benefits

- Meet deadlines faster and easily scale new projects
- Speed productivity with enhanced remote collaboration
- Count on fast, reliable access to applications, content, and clients
- Built-in, end-to-end data encryption, including at-rest and in-flight
- Automatic integration with AWS core cloud services

How It Works

- **Store**: Effortless high-performance connectivity for all, across Windows, Mac and Linux with multi-protocol support. Dynamic scalability to support petabyte levels of growing video and editorial content and new projects, with built-in security and data protection.

- **Manage**: Studio Q Quick Start provides a preconfigured editorial environment for immediate use. Qumulo’s high-performance, intelligent file data platform meets the rigorous demands of mezzanine editorial workflows. Enable creative, news, promotional, and long form content editors using 2K and 4K to do their work seamlessly from anywhere.

- **Create**: You are up and running Premiere Pro in the Cloud. Make your content come to life without worry.
No particular AWS expertise is required: just download the guide, log into your AWS account to set up the cluster, insert your various passwords, and your environment will be up and running in less than an hour.

Two platform service options are available via the AWS Quick Start landing page [LINK]. Customers can choose Studio Q’s self-service model through their own AWS account or undergo a guided sales experience to test editorial workstations. The testing and developing route will support customers’ transition by moving current workstations to the cloud. In addition, Qumulo, AWS and Teradici are leading the effort to help customers realize their needs by providing a limited number of free trial workstations. These are available to selected customers who choose to deploy with the help of the Qumulo sales team.

This is the fastest way to get a studio up and running from anywhere using Adobe Creative Cloud on AWS.

**Qumulo + AWS = Speed and Simplicity at Scale**

Video editors are now able to utilize their favorite editing software in the cloud, and adapt to whatever scale the job requires. Meanwhile, Teradici’s PCoIP solution will reduce latency, so that the remote desktop reacts just like an in-office workstation would.

What the Adobe Creative Cloud end user will notice about utilizing Studio Q will be precisely nothing: no scale issues, no workflow challenges, no drama. It will just work. Every creator has had a pressing deadline and questions around creative direction; with Studio Q, content creators will be able to focus on these problems, rather than worrying about their department’s infrastructure. And the IT admins supporting them will get all the benefits of a cloud deployment, never having to worry about an after-hours call, without having to learn the ins and outs of setting up an AWS environment from scratch.

Qumulo has seen major growth in the media and entertainment industry, with customers utilizing our state-of-the-art file data platform to move data easily, use data simply, and connect to AWS and manage their data securely. With Studio Q, just bring your Premiere Pro license, and breathe life into your best creative ideas at whatever scale needed!

**About Qumulo**

Qumulo is a highly performant and massively scalable file data platform with powerful data services to support the full content lifecycle. Qumulo’s multiprotocol capabilities are key to enabling the complex content creation workloads this Qumulo on AWS Quick Start solution will enable.

**About Adobe Premiere Pro**

Adobe Premiere Pro is the market-leading video editing solution for creative teams worldwide.

**About Teradici**

Teradici’s PC-over-IP (PCoIP) technology and Teradici Cloud Access Software enables a powerful remote desktop experience for low-latency network connections back to your studio.

**About Amazon Web Services (AWS)**

AWS is the world’s most comprehensive and broadly adopted cloud platform, offering over 200 fully featured services from data centers globally.