

MEDIAZILLA

An AWS DevOps Success Story

MediaZilla builds a continuous integration and delivery pipeline with the help of Privo, a Navisite company

Who is MediaZilla?

MediaZilla's online media platform allows users to present to their audiences professional videos with online interactive menus created in minutes. Users of the MediaZilla platform can easily export projects to DVD, Blu-ray and USB/offline formats and serve them online for free, forever.

The Challenge

MediaZilla's online media platform was growing rapidly, and managing the IT infrastructure was increasingly becoming a distraction for its software development team. The company needed to focus on pushing out new features while at the same time giving its users the security and resilience they needed.

The Solution

MediaZilla engaged Privo, a Navisite company, to build a continuous integration and continuous delivery (CI/CD) pipeline that automated the entire code deployment process. At the same time, Privo upgraded MediaZilla's security by implementing a central authentication account, among other things. Privo also leveraged Auto Scaling and multiple Availability Zones to improve resilience.

The Benefits

AUTOMATION

The new CI/CD pipeline uses GitHub, CodeDeploy and CodePipeline to remove all of the friction when deploying new code. As a result, MediaZilla is now able to push small, incremental updates to its software, increasing the pace of innovation.



“ At MediaZilla, our pace of innovation is always accelerating. Privo helped us to shift into another gear by architecting a CI/CD pipeline that has eliminated friction from our code deployment process. Privo's DevOps expertise has been invaluable to us.

Michael Guastamacchio
CEO/Co-Founder



SECURITY

Developers and systems administrators now authenticate using a central “Auth” account that provides secure granular access from a single, centrally managed account. The new account uses the AssumeRole feature of identity and Access Management (IAM).

RESILIENCE

With the implementation of Auto Scaling Groups, servers automatically spawn to handle spikes in traffic and failed servers are replaced with healthy servers in the event of a problem. Furthermore, the application can gracefully handle the loss of an entire AWS data center.

ABOUT PRIVO, A NAVISITE COMPANY

Privo, a Navisite company, is a Premier AWS Consulting Partner with offices located in Boston and San Francisco. Privo helps customers migrate, manage and optimize their infrastructure in AWS. The company delivers these services across three main practice groups: DevOps, End User Computing, and AWS Cost Optimization.

ABOUT NAVISITE

Navisite is a modern managed cloud service provider that accelerates IT transformation for thousands of growing and established global brands. Through our deep technical knowledge and strategic relationships with the world’s leading cloud providers, proven delivery methodologies, platform-agnostic approach and worldwide network of highly specialized experts, we provide the capabilities and practical guidance customers need to successfully embrace IT change and move their businesses forward.

To learn more, visit www.navisite.com.