Enterprises working at the scale and pace of the cloud need to be on top of a number of operational and business questions.

1. Is your application available or is it down?
2. Is the experience for your end users slow or fast?
3. How do you ensure that SLAs are met?

The ability to catch issues and fix them rapidly before they disrupt the customer experience is of paramount importance. AWS offers a great way to achieve this through services such as AWS CloudWatch and AWS CloudTrail that give you the observability you need into your applications and systems.

But where do you begin with these services? Which features will work the best for your setup and when do you use them? Reading through all the AWS documentation on observability services and implementing it in your setup can be quite daunting. Additionally, keeping up with the constant updates pushed by AWS, requires time and resource commitments along with niche knowledge. Not knowing where to start and the best way to use these services can lead to delayed timelines as well as performance issues in the long run.

Persistent’s Observability Accelerator for AWS

Persistent’s has built a ready-to-use kit of sample implementations, reference architectures, and best practices that let you get up and running with AWS CloudWatch and AWS CloudTrail in the fastest way possible. With Persistent’s Observability Accelerator for AWS you don’t need to invest any time or resources in trying to figure out the intricacies of using these services.

The accelerator delivers reference architecture patterns that you can capitalize on to fast-track development and reduce time to value. The accelerator provides plug and play SDK-based source code that you can use for live projects to hit the ground running. The accelerator also comes with an intuitive help guide that demonstrates how you can use these assets.

Persistent has numerous architecture patterns that help you export CloudWatch Logs to S3 and query them using Athena, automate actions using CloudWatch Logs and Events, deliver Logs and Events to S3 and create dashboards to monitor resources.
Sample Architecture Pattern: Exporting CloudWatch Logs to S3 and Querying using Athena

CloudWatch Log Group

IAM role allows to create log group, put log events, S3 access and CloudWatch log access

S3 Log Formatting Function

S3 Log Formatting Function.

Copy Formatted Logs

Bucket policy allows to get and put object

Structured Cloudwatch Log Data Bucket

Bucket policy allows to get and put object

Athena

S3 Unstructured Log Bucket

Bucket policy allows to get and put object

S3 Event

Discover all the architectural patterns that you can use to achieve complete observability of your systems.

Contact Us

About Persistent

We are a trusted Digital Engineering and Enterprise Modernization partner, combining deep technical expertise and industry experience to help our clients anticipate what's next. Our offerings and proven solutions create a unique competitive advantage for our clients by giving them the power to see beyond and rise above. We work with many industry-leading organizations world-wide including 14 of the 30 most innovative US companies, 80% of the largest banks in the US and India, and numerous innovators across the healthcare ecosystem. Our company fosters a values-driven and people-centric work environment. Our strength of over 22,500+ employees is spread over 18 different countries across the globe.