

aDAPt - Cloud

Pioneering Intelligent systems visibility at massive scale



Table of Contents

Existing Problem	3
Solution	3
Data Collection	4
Visibility - The First Step on aDAPt Cloud	4
Trace Out the Top Usages	4
Scheduled Reports	5
Advisory Reports	5
Highlights of aDAPt Cloud	5

Existing Problem

Cloud Operations has reached a tipping point. In the quest to watch over the application landscape, to ensure operational integrity the complexity of the environment has surpassed the ability of humans to monitor it. With the complex structure of cloud and its listed services there are too many “things” to keep note of and navigate to them.

Your application stack is teeming with unused metadata that’s trying to tell a story: things aren’t humming along as well as they should be. Exceptions thrown; database queries slowing; cache misses rising; upstream services flapping; error logs growing. Each of these tells a part of the story, but it’s hard to make sense of-or act on meaningfully-when taken separately from the others.

Solution

aDAPt Cloud lets you collect all these metrics, events, and service states in one place. Then, visualize and correlate the data with beautiful graphs, and set flexible alerting conditions on it, not just information. For the purpose of discussion, let’s consider IT Operations monitoring in terms of a very simple model encompassing three basic processes.

- Collect the operation of the cloud ecosystem by monitoring key metrics.
- Visualize the data to identify patterns, to give a clear understanding.
- Respond to conclusions derived from the analyses.

Recognizing this, aDAPt has completely redefined monitoring with a fundamentally new approach that efficiently captures the most complete operational data in your entire cloud Infrastructure. Enjoy fast deployments and automated device discovery with aDAPt cloud infrastructure monitoring platform. aDAPt Cloud architecture easily fits into your existing IT environment and you have full visibility to monitor and alert on resources in any cloud through one integrated platform.

Data Collection

Collect a wealth of already-available data without writing any code. Install the aDAPt and the metrics start flowing to aDAPt's backend. As soon as the data is captured, you'll see it immediately in the aDAPt Cloud web application. Before long, you'll create custom Screen boards you care about the most. You can customize the graphs in whatever way helps you discover problems: skewing their metric values at higher granularity grouping it various services, operations, Type and much more and in the way you like it to be viewed that can also be exported to your local database in case of future reference.

Visibility - The First Step on aDAPt Cloud

Cloud cost management is complicated. On AWS alone, there are 480,000 unique SKUs for a single hour (or partial hour) of Amazon Web Services EC2. And that's only one service on one cloud provider. All rolled together, your cloud spend can look like a twisted mass of charges that you'll never get straight. Spreadsheets might help at first, but once you get beyond a certain critical mass, they become almost impossible to maintain and analyze. Take it one step further - get deeper visibility into key infrastructure

metrics to ensure a reliable backend infrastructure. aDAPt monitoring lets you oversee health, availability and performance across your infra in cloud. With the right visibility, you'll be able to start making sense of your cloud infra and usage. The trick is to find the perfect balance of information. When done correctly, you'll have all the data you need processed and arranged in a way that helps you make strategic decisions. Just as importantly, that data will have depth that allows you to dig into the details as needed.

Trace Out the Top Usages

Rapidly growing library of over a thousand supported technologies, Use aDAPt Cloud's flexible data collection mechanism to pull metrics from virtually any device or API, then create graphs, dashboards, and custom alerts. Quickly view application status and analyze trends. Monitors CPU, network usage, Events, Instances, storage, Billing, top usage profiles and cloud infrastructure from a single UI. Automatically collect actionable performance data from any cloud, and hybrid infrastructure including AWS, Azure, GCP.

Scheduled Reports

aDAPt Cloud provides you the flexibility to Email and schedule the reports of your complete cloud summary as per need. This can be sent on a frequency of daily, Weekly and monthly basis in various formats like HTML, PDF and Live Links and a given time.

Advisory Reports

This could be one of the most important features provided by aDAPt, The way you can optimize your Cloud usage to the max and this helps you to go through all the scenarios and what if cases which provides suggestions to optimize the usage in all the possible ways. This also provides you the baseline of the issues followed by recommendations to optimize it along with the API requests related to it for better understanding.

Highlights of aDAPt Cloud

- Intuitive dashboard: All-in-one monitoring dashboard great insights for different cloud platforms.
- Real-time Events alerts: Instant Events and alerts with occurrence time and on specific resource.
- Insightful reporting: aDAPt exhaustive reports help to understand the metrics that matter the most.
- Seamless Integration, Unified Monitoring, and Better Business Insights
- Powerful Monitoring: A vendor diagnostic tool that monitors all your Cloud platforms on its private/hybrid/ public cloud, or both.
- Custom Metrics for Evolving Products
- Complete breakdown of your cloud platform for easy understanding.
- Detailed list of top usage profiles of top running services

