

## An Observability and Analytics Solution for Clouidian Storage Infrastructure



### Going beyond conventional monitoring and reporting with Clouidian HyperIQ

Get dynamic insights across your distributed infrastructure encompassing hundreds or thousands of interconnected users, applications, network connections and storage devices to improve observability and track usage to make informed decisions. Improve supportability and corporate policy enforcement through predictive analytics to relieve burden of infrastructure management.

Complexity of modern infrastructure and legacy hands-on approach to infrastructure management puts undue burden on IT team for infrastructure management. HyperIQ transforms how modern cloud-like infrastructure like Clouidian HyperStore is managed and supported on-premise.

HyperIQ provides IT administrators with data and actionable insights to monitor your HyperStore cluster, respond to system-wide performance changes, optimize resource utilization, and get a unified view of operational health. HyperIQ collects monitoring and operational data from logs, system metrics, and events, providing you with a unified view of user and system resource activity. You can use HyperIQ to detect anomalous behavior in your environments, set alarms, visualize data and metrics side by side, take actions, troubleshoot issues, and discover insights to keep your infrastructure running smoothly.

### Key Benefits

#### Intelligent Monitoring

- Reduce administrative overhead
- Lower operational cost

#### Predictive Maintenance

- Actionable intelligence
- Minimize outages and disruptions

#### Advanced User Analytics

- Manage data lifecycle
- Detect usage anomalies
- Enforce compliance policies

### HyperIQ Basic

Included with HyperStore license:

- Real-time dynamic dashboards and alerts
- Application and services monitoring
- Performance monitoring: Network, Disk, and System resources
- Capacity and usage trends

### HyperIQ Enterprise

All HyperIQ Basic features, plus:

- User behavior analytics
- Predictive maintenance
- Compliance aid and enforcement
- Enhanced security analysis

# HyperIQ Features and Capabilities

## Intelligent Monitoring

Complete observability with real-time interactive dashboards and historical data that include the ability to slice and dice resource utilization by data center, node, services and more.

## Customizable Dashboards

In addition to pre-configured dashboards, flexibility to build one's own dashboards from over 100 available data panels and drill into user or storage data at a more granular level.

## Predictive Maintenance

Proactive alerts for predicting hardware failures, assessing maintenance needs, and avoiding performance impacts.

## User Behavior Analytics

Monitor user activities provide insights into usage patterns such as uploads/downloads, API usage, S3 transactions, request sizes and HTTP response codes and enforce security and compliance policies.

## Anomaly Detection

Identification of trends and faults so that rectifying action can be taken, such as creating support cases, triggering repairs or making other corrective actions to ensure optimal operations.

## Custom Notifications

Custom alerts for more proactive monitoring of applications and flexibility to integrate with multiple notification channels such as Slack, OpsGenie, Kafka and PagerDuty.

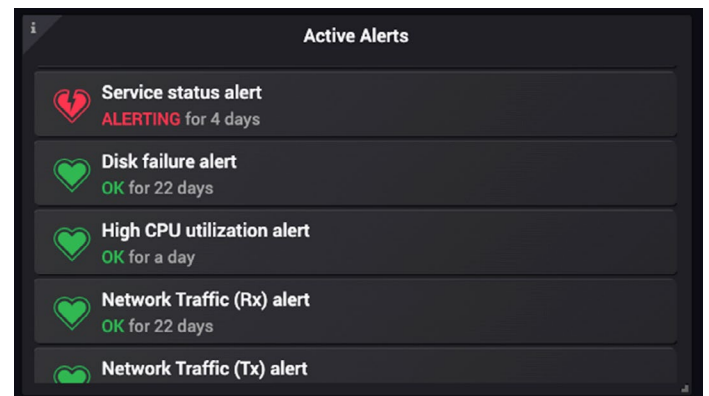
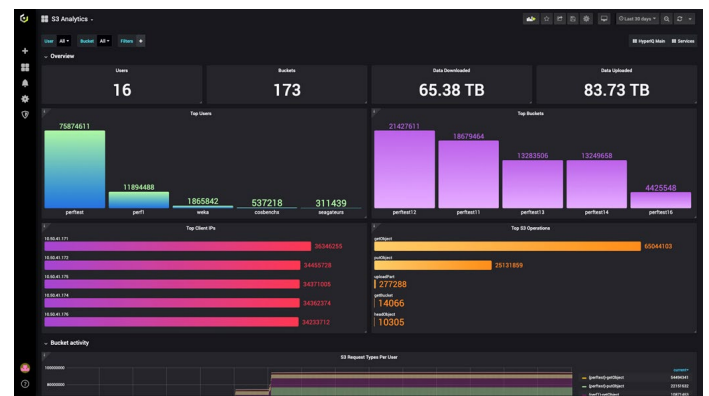
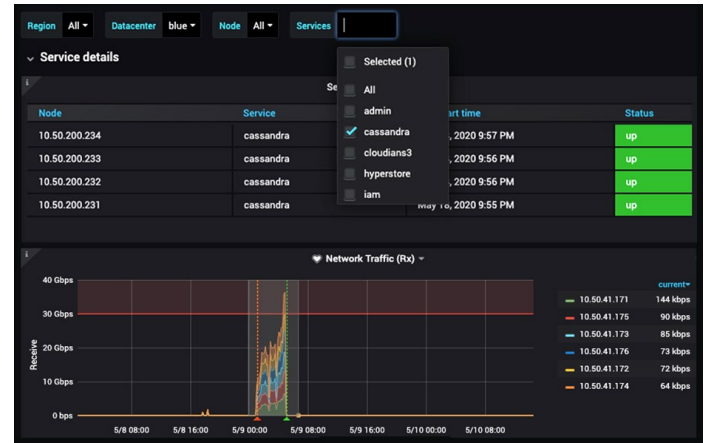
## Customer Health Checks

Personalized monthly health checks with actionable plans based on trends and analysis from the customer's Cloudian infrastructure as well as analytics from global learning across Cloudian's install base.

## System Requirements

HyperIQ is deployed as a standalone VM within your firewall. The recommended system requirements for HyperIQ virtual machine are:

- 2 cores
- 8GB RAM
- 32GB Disk for OS (Ubuntu Linux 64-bit)
- 128GB Disk for data



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