iSee –
HCL Technologies' observability solution

What is it and why is it needed?

Maintaining the performance of servers and applications is important for organizations that heavily rely on them to execute their business processes. This requires application and server monitoring (ASM)— collection of performance logs and other resources from servers and applications. While ASM helps identify application hosting and performance issues, it proves to be quite a complex task to handle, posing several challenges.

Challenges in **application and server monitoring**

Complexities arising from heterogeneous data

Integration of different types of charts, traces, logs, and other data often proves to be a challenge, and most ASM platforms are not equipped to handle such complexities.

Performance issues during peak load

During peak load hours, ASM platforms struggle to keep track of the performance of applications and servers, resulting in failures that disrupt the ASM practices. Such issues are resolved manually, increasing the MTTR.

Usability

The lack of versatile platforms in the market for monitoring several applications that form a bigger infrastructure compels companies to use several platforms for ASM. These platforms are often difficult to manage and expensive to maintain.

Ineffective monitoring of input data

Keeping tabs on the data fed into the data pool and warehouses is complicated. Moreover, it is challenging for ASM platforms to identify spam and segregate it for useful information

Technological limitations

Most of the ASM tools available in the market cannot monitor most, if not all, of the aspects that define the performance of servers and applications. Organizations thus need different platforms to analyze different domains.

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Unlock the true potential of data
with **HCL iSee**

HCL iSee is an intelligent observability platform that finds utility in keeping track and monitoring server and application performance. It functions by collecting logs, metrics, and traces from different applications and servers and contextualizing their excerpts on a single platform. iSee achieves this by integrating with several plugins and tools. The following are some of the features and benefits that showcase how HCL iSee functions:-

The availability of configurable persona-driven dashboards and plugins and AI and ML-driven insights make it easier for operators to interpret data collected by iSee.

Health monitoring of applications is one of the core priorities of HCL iSee. This facilitates the detection of execution anomalies, which, when addressed, allows companies to provide better services.

iSee can enable a 30% reduction in the time and efforts spent on issue resolution. This allows professionals to focus on other aspects of the business while enhancing client satisfaction.

iSee's alert mechanism allows the support engineer to draw accurate conclusions in a shorter period and make decisions to solve the issues at hand.

Our **offerings**
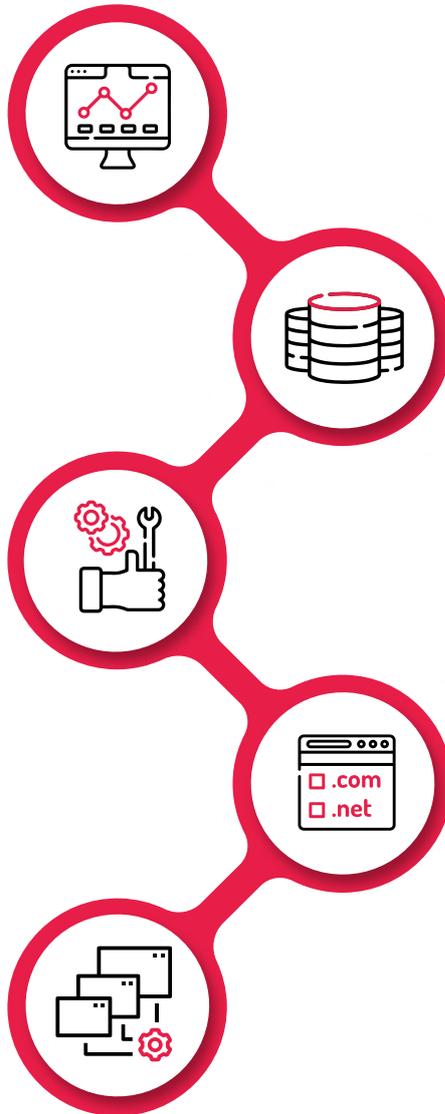
Centralized monitoring system

A centralized monitoring system allows users to monitor several system components, such as the CPU, data quality, nodes, and memories, from a single platform. This centralized monitoring system allows the iSee platform to manage digital infrastructures with greater convenience.

Regular data and metric collection

The data collector captures application logs, traces, metrics from application runtime, and the infrastructure. It also collects information regarding data quality and ETL execution traces.

Technological tools utilized

See utilizes data bots to find anomalies in the collected data and metrics, pointing back to the infrastructure issues causing such inconsistencies. iSee also works in tandem with open source databases like Cortex and InfluxDB.

Specialized integrations for different domains

iSee can be integrated with tools like Telegraf or Prometheus to collect data from different resources. Kafka can also be integrated with iSee to facilitate high-performance data collection. Additionally, iSee specializes in deploying ML models to identify anomalies and predict data trends.

Automation of every task

HCL iSee requires no manual intervention to correlate different plugins. Moreover, iSee can handle peak loads of data without any manual interventions. Thus, professionals' saved time and effort can be utilized in other tasks, allowing companies to enhance their ROI.
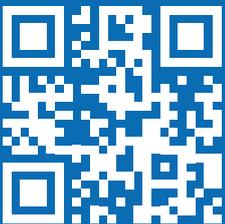
HCL iSee allows users to access and track data, detect anomalies in various applications, and integrate multiple tools. Thus, it can serve as a single platform sufficient to fulfill all your ASM needs. HCL iSee provides automated data collection, report generation, and prediction capabilities. Thanks to its ability to adapt to many plugins, HCL iSee surpasses all its competitors, making it an ideal choice for application and server maintenance.

HCL

HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on March 31, 2022, HCL has a consolidated revenue of US $ 11.48 billion and its 209,000 ideapreneurs operate out of 52 countries. For more information, visit www.hcltech.com

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