**OPE-001 - Define, monitor and analyze customer workload health KPIs**

Solution components are monitored via CloudWatch dashboards so they can centralize health status information.

This section introduces how to monitor and health check resources configured in the customer's AWS portal. Showing the collections of information, logs, to perform load analysis and metrics indicating the use of tools such as CloudWatch and the process of capturing the logs of operations events for later analysis and allowing alerts to be generated according to specific metrics that can inform us of the status of the resources at a particular time and that could consider actions to solve that situation.

***Within our monitoring practice we always make sure to monitor the important metrics like, CPU, RAM, Disk. In addition to this, through the CloudWatch agent we have configured advanced metrics and forwarding logs from event viewer to Cloudwatch.***

**Monitoring alarms are defined**

Configured alarms are triggered in certain scenarios depending on the observed metric, for example: If the CPU percentage exceeds 90%, it sends an alarm.

The main metrics monitored are CPU, RAM, and disk.

Tabla

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**CloudWatch Log Logging**

We have a few Log Groups in which we store logs of different types, from RDS error logs to logs forwarded from the servers through the Cloudwatch agents installed on the servers.

***A screenshot of a computer

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