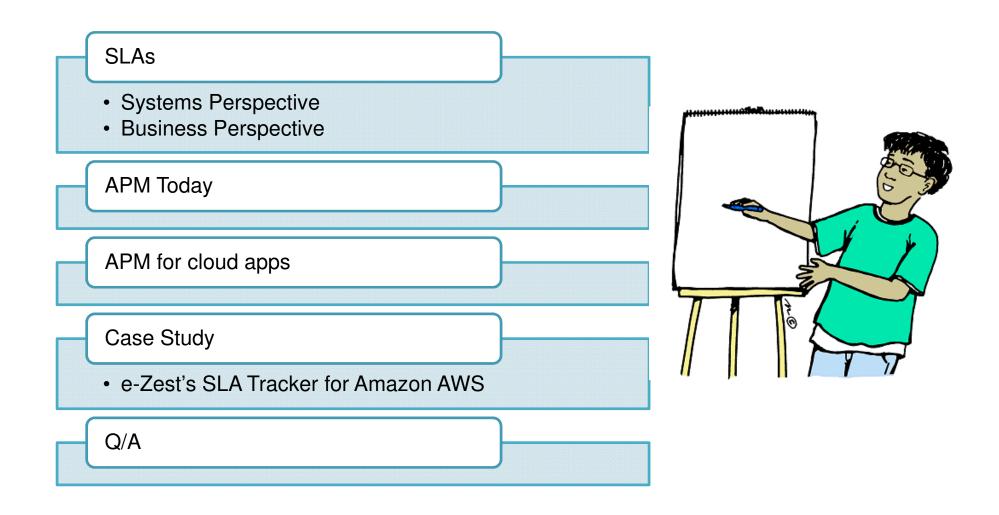


Tracking SLAs in Cloud

Satish Agrawal, VP-Cloud Computing Practice



Agenda





We guarantee 100% Server Uptime

30 Minute Support Response Time Guaranteed (QoS)

Issue of Service credit, in case of breach in SLA

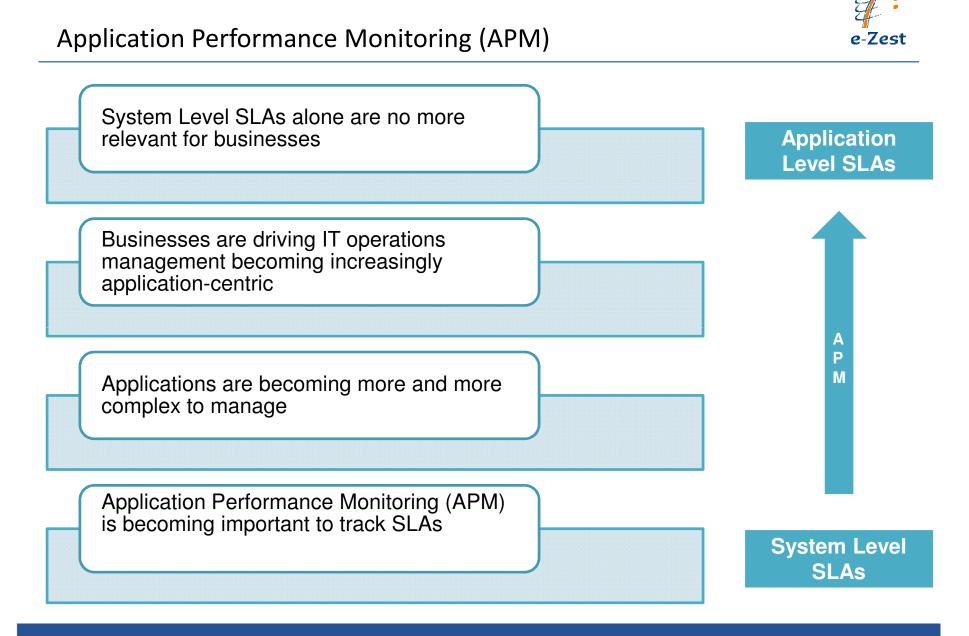
We guaranty that our data center network will be available 99.999% of the time*

We guaranty that data center HVAC and power will be functioning 100%*

We guaranty that the load balancing service will be available 99.99% of the time

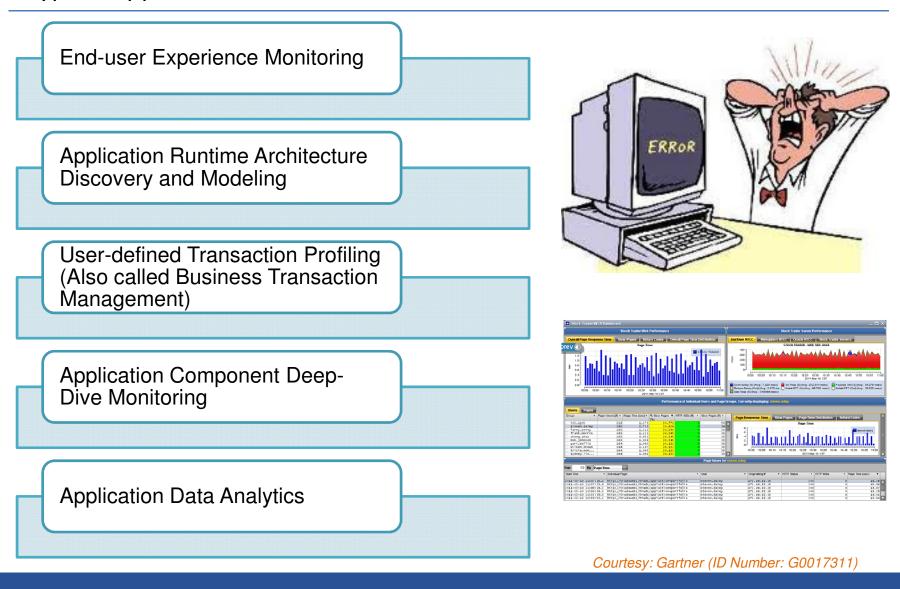
SLA: An explicit statement of expectations and obligations that exist in a business relationship between two organizations: the service provider and customer

"Traditional SLAs focus on narrow aspects of **infrastructure** rather than the comprehensive **application** experience. Because businesses run on applications, new SLAs must be defined at the application level to properly support the business," - Peter Sevcik, President of NetForecast



Typical Application Level SLAs







Mainly available for Java and Microsoft technologies

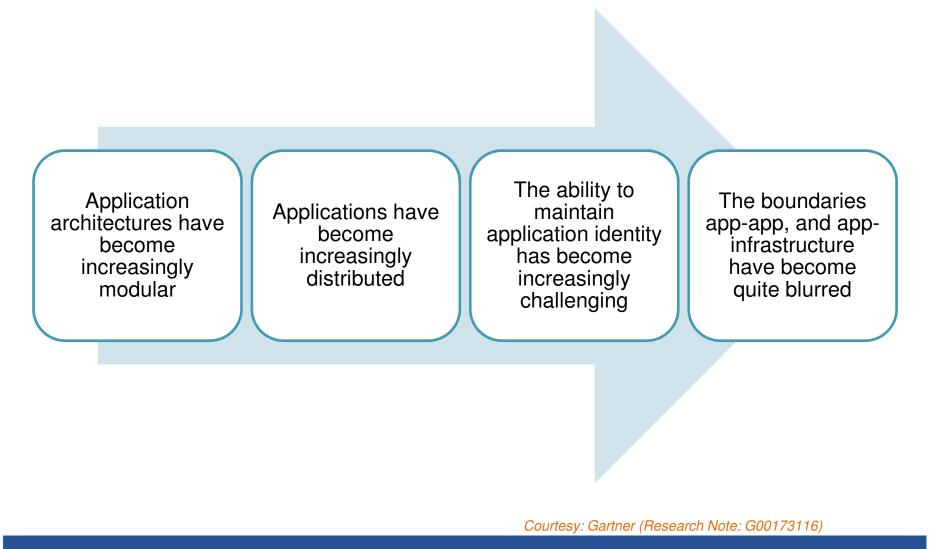
Measure response time from the perspective of the web server

Use connectors between various components

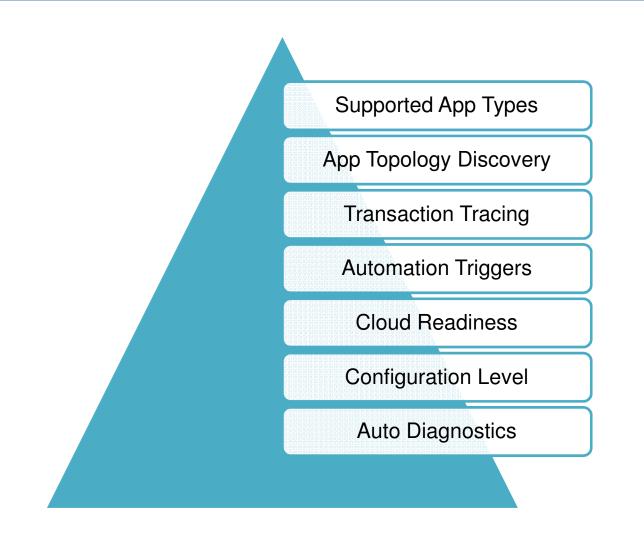
Agent less or Agent/Plug-in based

May or may not be suitable in a virtualized environment



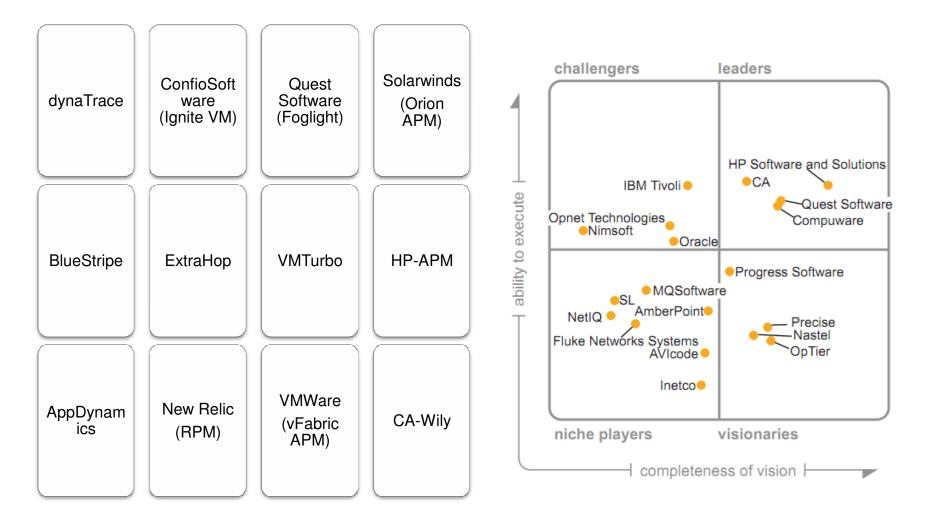






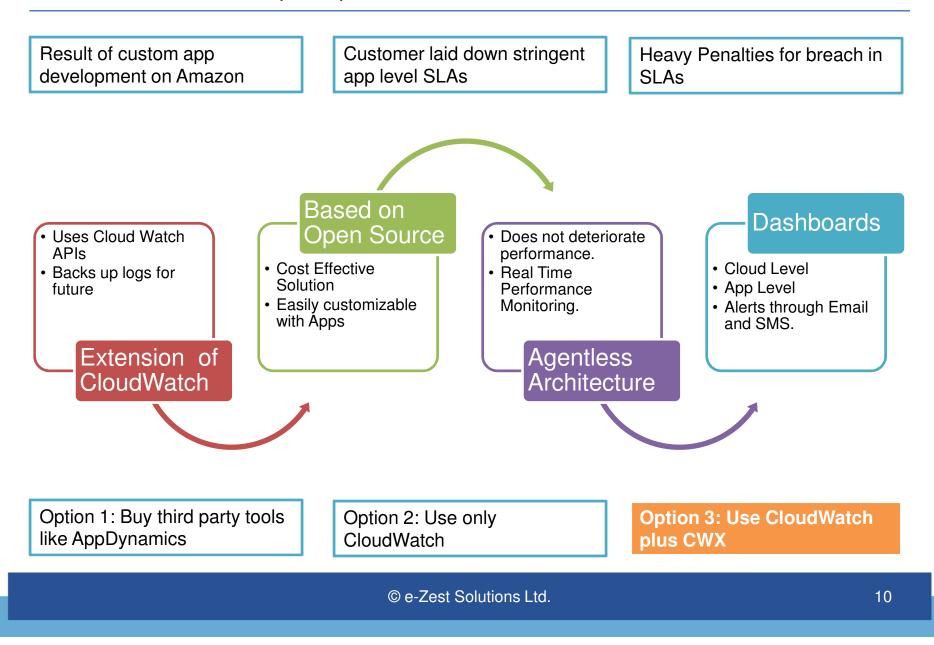


Players in APM



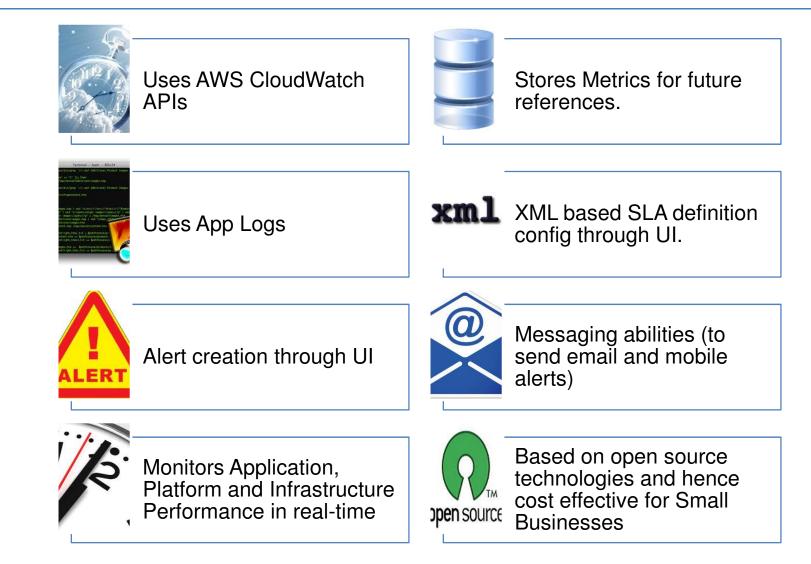
Courtesy: Gartner (Research Note: G00173116)





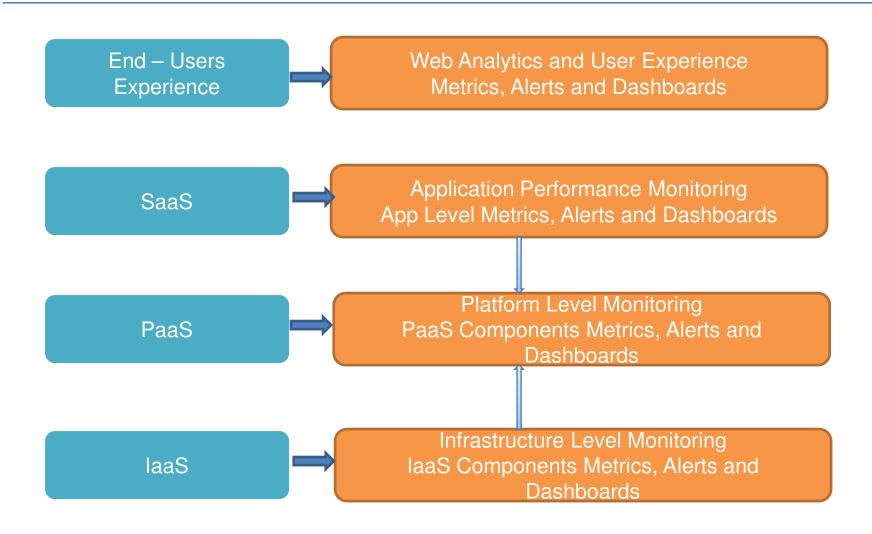
e-Zest

Features of e-Zest CWX



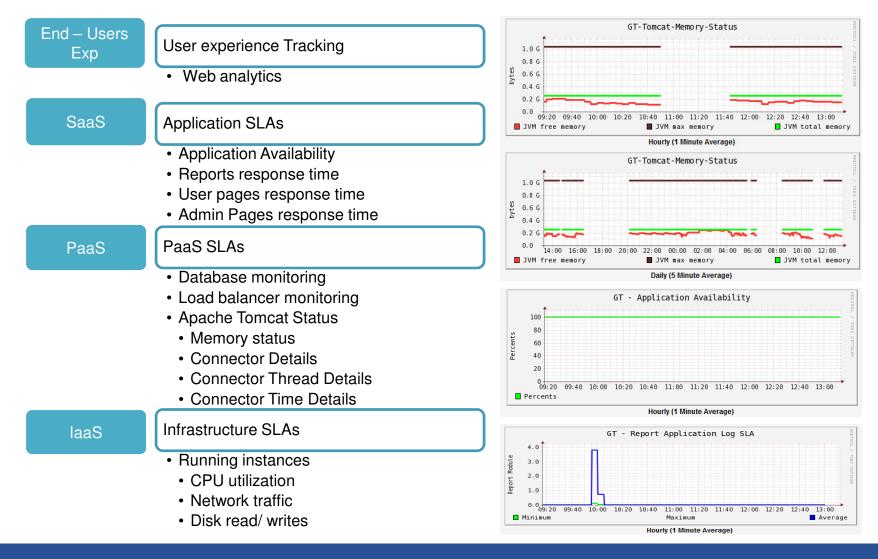
CWX – e-Zest's SLA Tracker







Features and Sample Screenshots





RDS Read Latency & Read Throughput

11:00

11:20

61 Maximum:

11:40

Hourly (1 Minute Average)

12:00

484

10:20 10:40

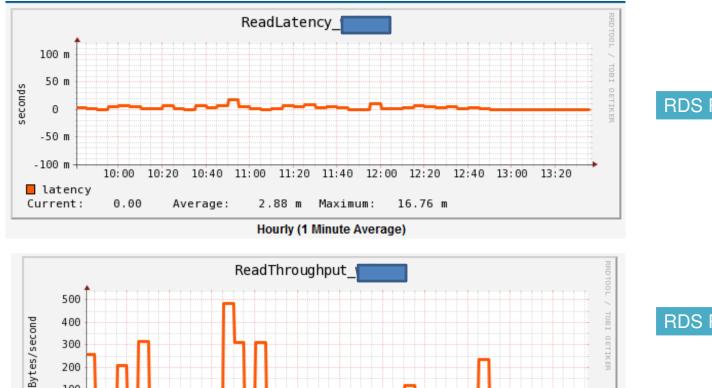
Average:

Current:

10:00

0

ReadThroughput



RDS Read Latency

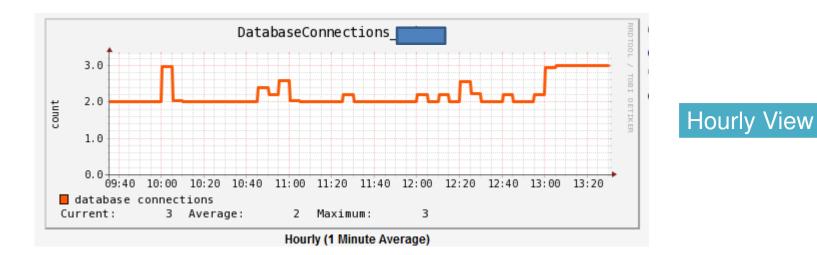


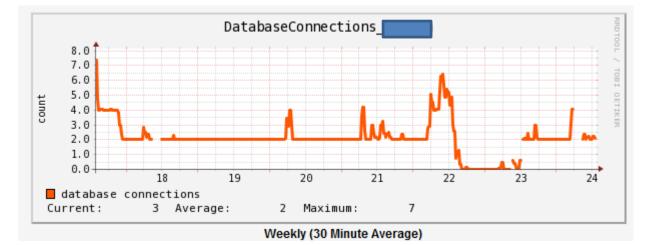
12:20

12:40 13:00 13:20



DB connections

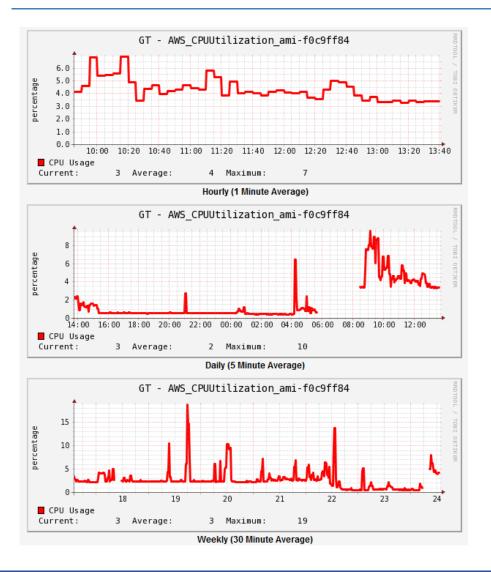




Weekly View



EC2 Instances



Hourly View

Daily View

Weekly View







Thank You!

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