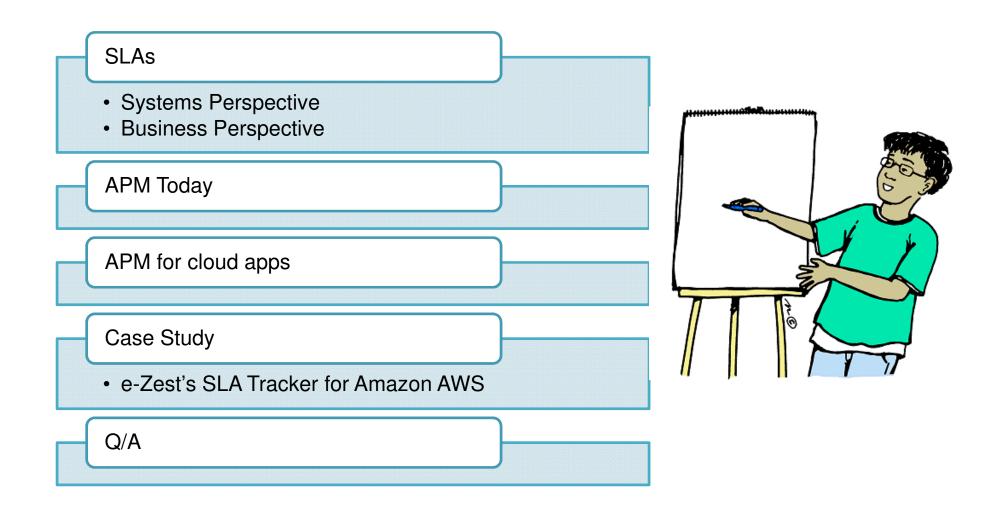


# Tracking SLAs in Cloud

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

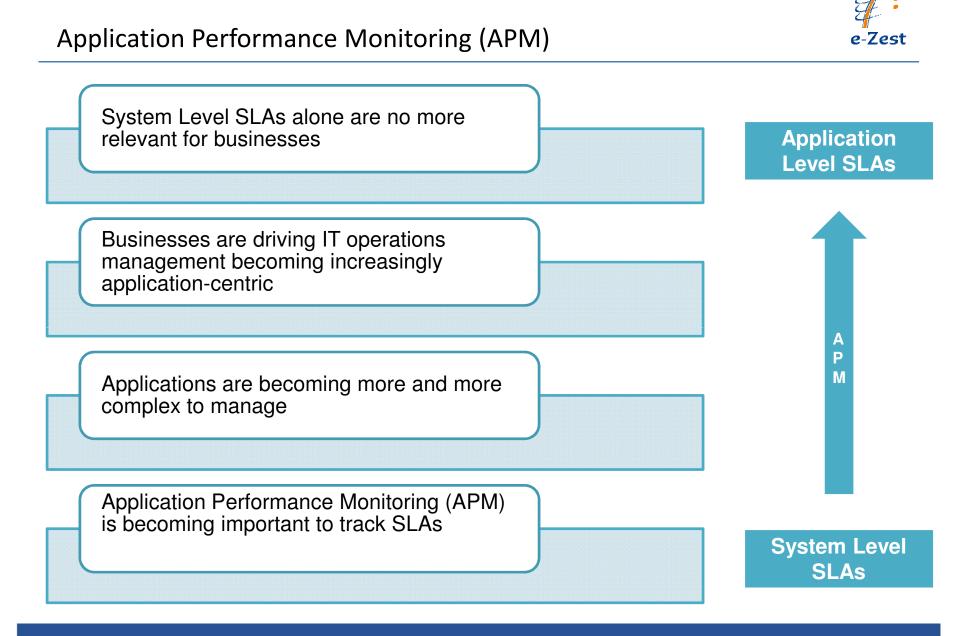
We guaranty that our data center network will be available 99.999% of the time\*

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

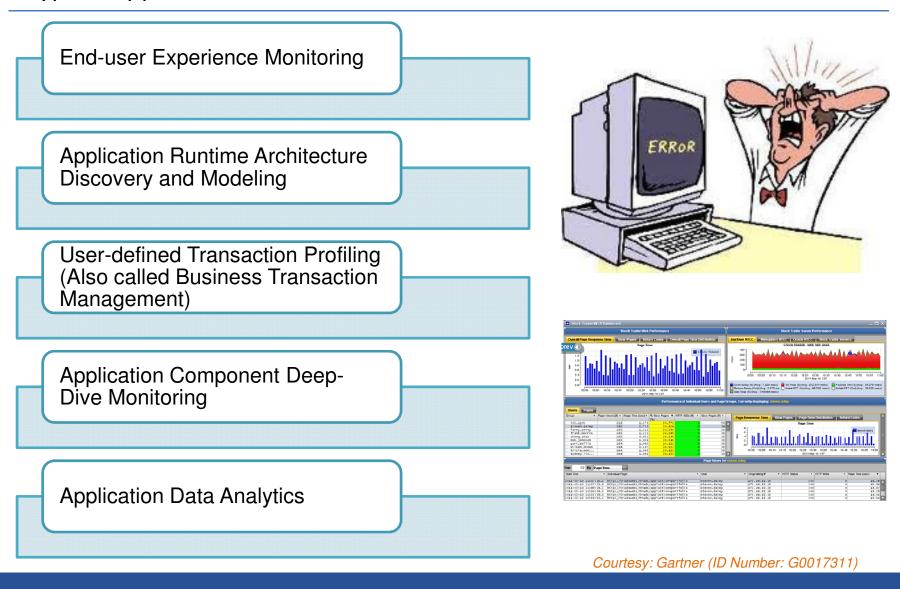
SLA: An explicit statement of expectations and obligations that exist in a business relationship between two organizations: the service provider and customer

"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

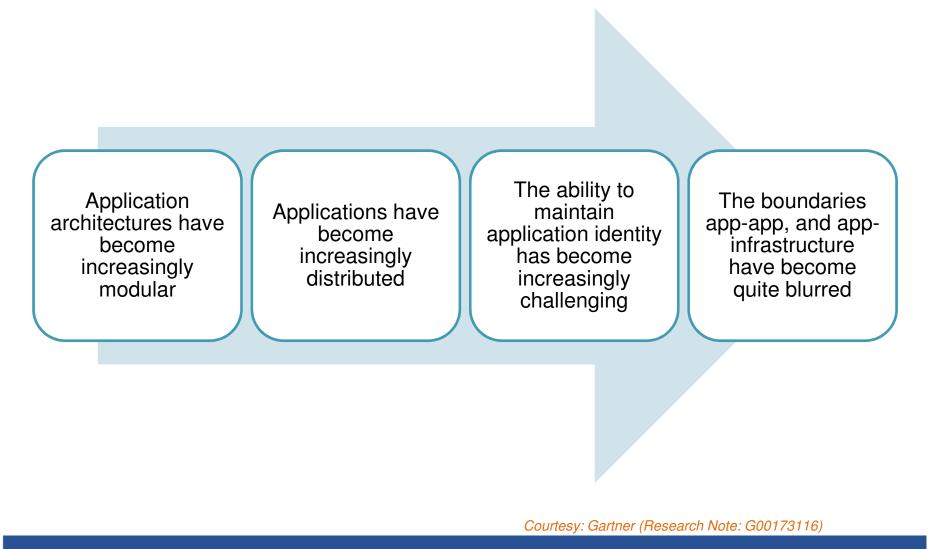
Measure response time from the perspective of the web server

Use connectors between various components

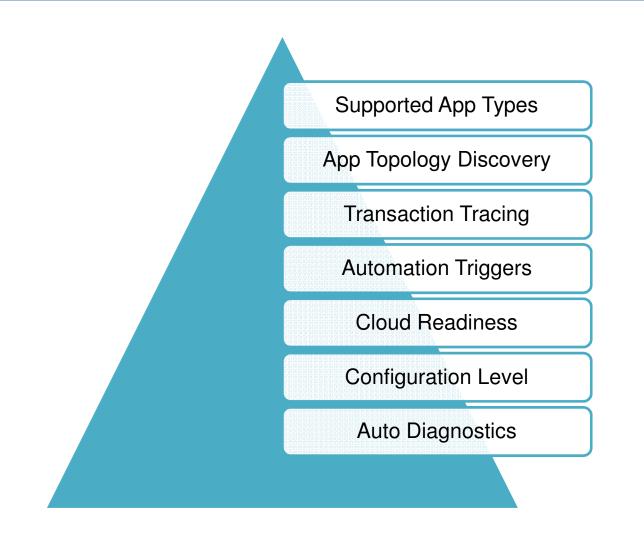
Agent less or Agent/Plug-in based

May or may not be suitable in a virtualized environment



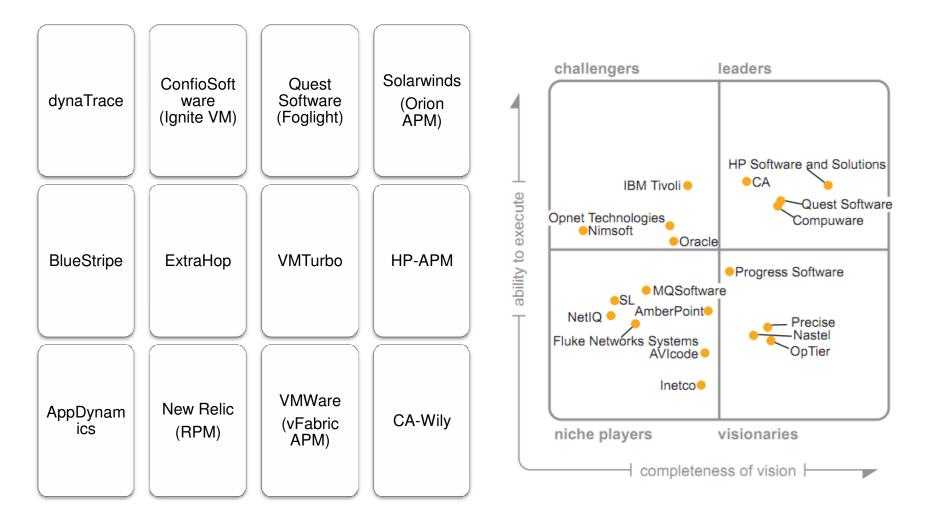






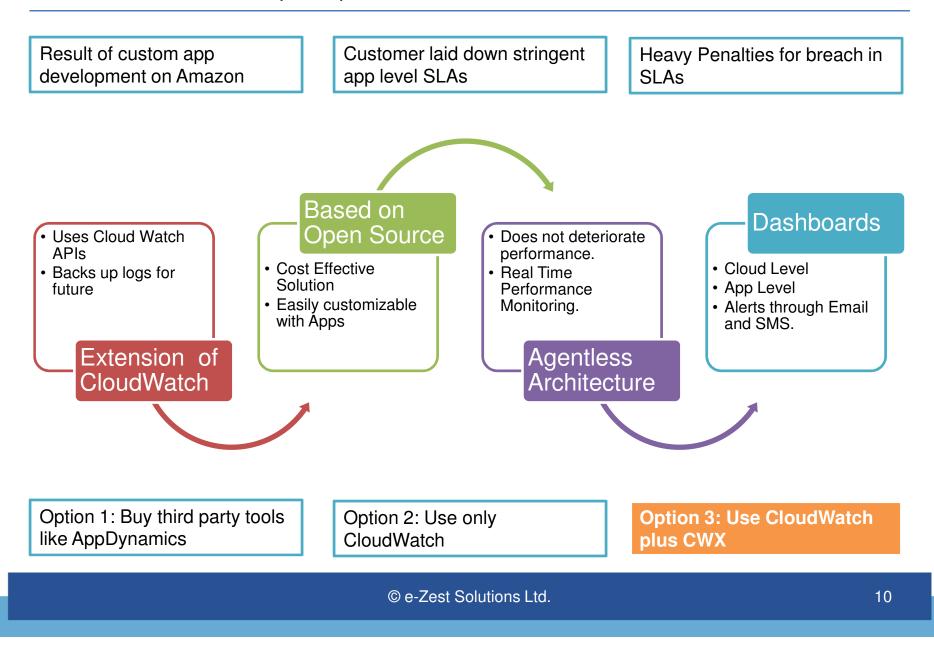


#### Players in APM



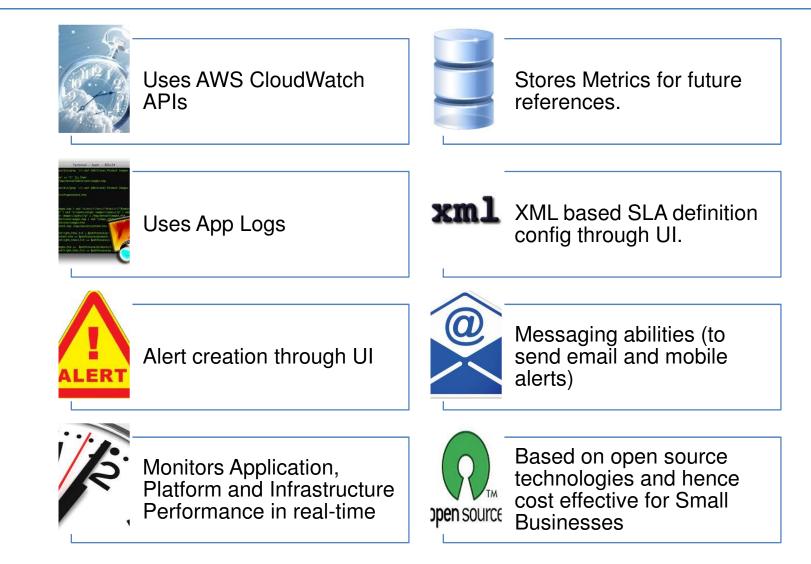
Courtesy: Gartner (Research Note: G00173116)





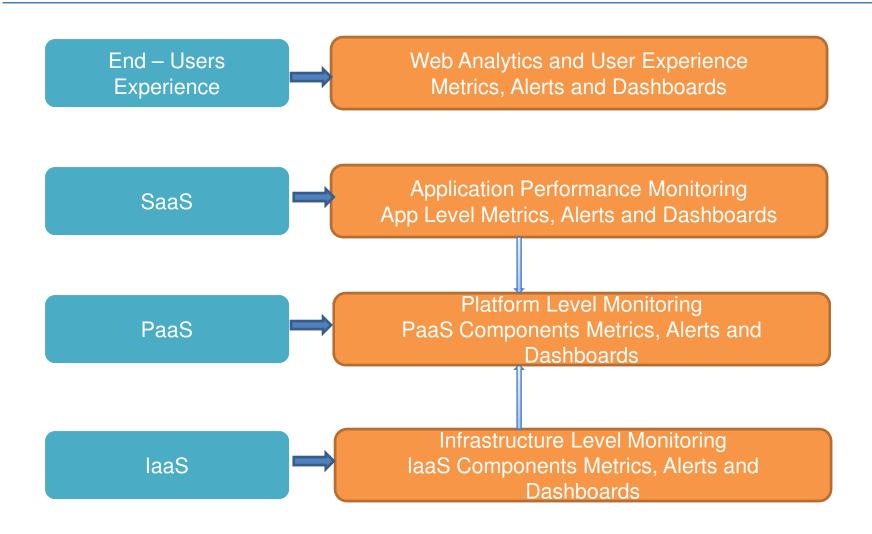
# e-Zest

## Features of e-Zest CWX



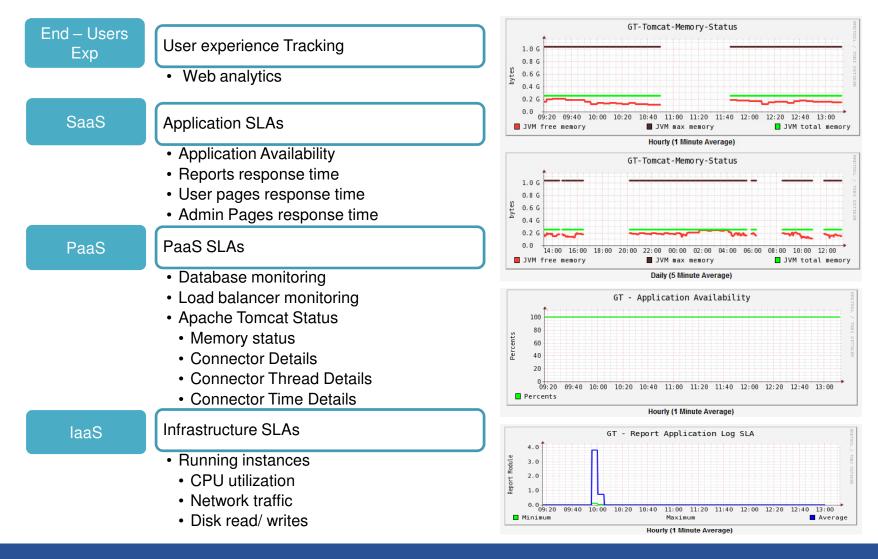
#### CWX – e-Zest's SLA Tracker







#### 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

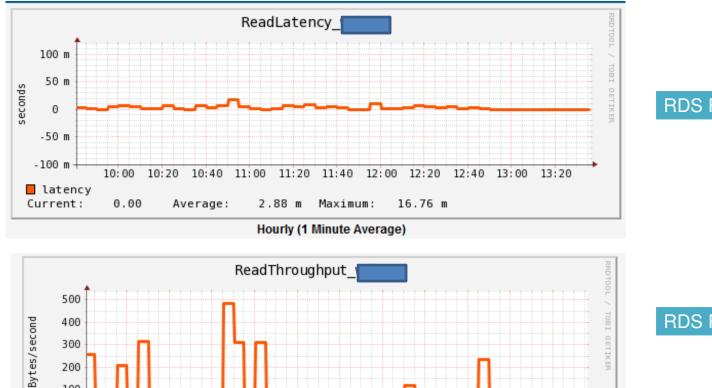
Average:

Current:

10:00

0

ReadThroughput



#### **RDS Read Latency**

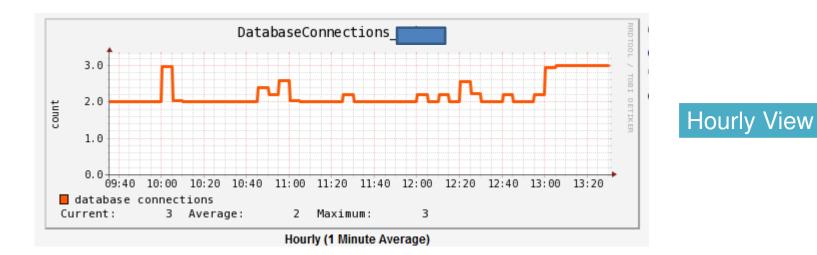


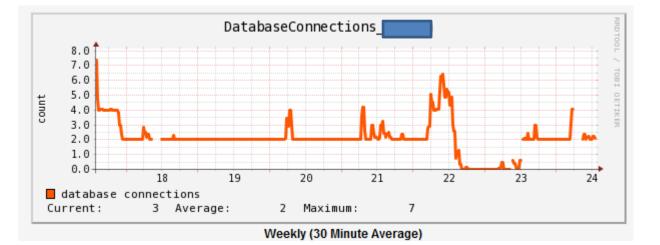
12:20

12:40 13:00 13:20



#### **DB** connections

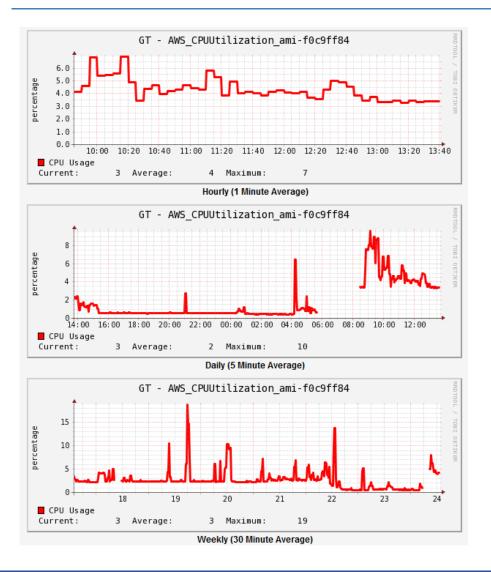




# Weekly View



#### **EC2** Instances



# Hourly View

# Daily View

Weekly View







# Thank You!

#### Email : <u>satishkumar.agrawal@e-zest.in</u>

- LinkedIn : <u>http://in.linkedin.com/in/agrawalji</u>
- Twitter : <u>http://twitter.com/#!/agrawalji</u>