

HELPED A LEADING e-LEARNING COMPANY WITH MANAGED IT SECURITY SERVICE



SUCCESS STORY

INDUSTRY:
eLearning

OFFERING:
Managed IT Security
Service

CUSTOMER OVERVIEW

The client is a leading provider of customized eLearning, Learning Management Systems(LMS) and Marketing Content. The LMS has served more than .5 Mn users worldwide for secure distribution of training videos , simulations and assessments. The product line includes- LMS , Raptivity, Elicitus, Atum Testpad, Articulate Storyline, Articulate 360, Mobius and GoPerform. Headquartered in Gurgaon (National Capital Region) India, it also provides web and mobile based e learning hosting platform (Learning Management System).

IT LANDSCAPE

The Learning Management System (LMS) is hosted on AWS. The client has approximately 50+ internal IT users. They are using Yahoo Business mail for messaging & collaboration. Their public website is also hosted on AWS.

CONTEXT

The client runs an Learning Management Systems(LMS) platform which is hosted on AWS. The platform has multiple URLs associated and points to different locations on the server. They have sub-accounts on their LMS platforms for Business to Business (B2B).

There were primarily two issues that the client was facing:

- 1) There was no way to track which URL had the most hits. This way there was no way to track which URL had the maximum data consumption out of their clients.
- 2) There was no protection from Distributed Denial of Service (DDoS) for their platform.

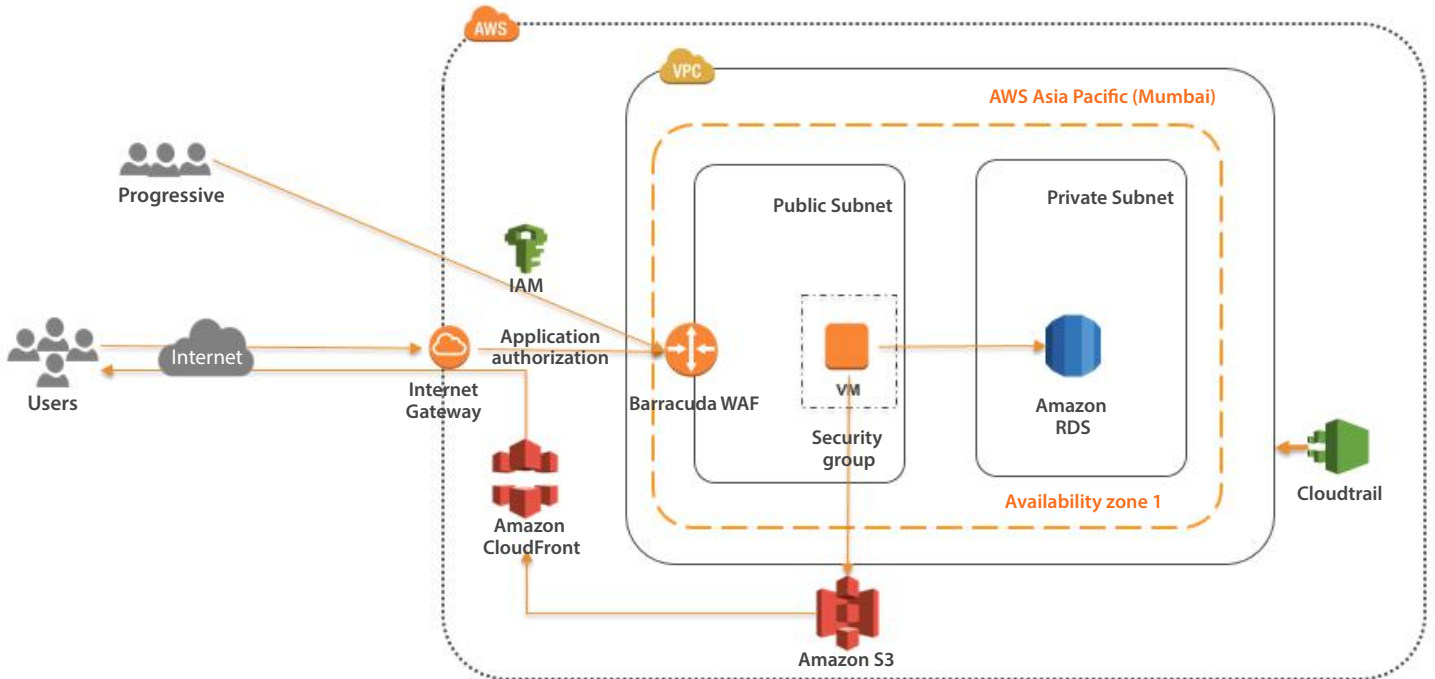
KEY BUSINESS CHALLENGES

- Tracking of data through different endpoint URLs.
- Securing the web application from cyberattacks.

SOLUTION

- Barracuda Web Application Firewall (WAF) was implemented for multiple web domains.
- As the URL forwarding or Destination Network Address Translation (DNAT) was done through Barracuda WAF internal load balancer, now the ingress and egress traffic was monitored
- Enabled protection and mitigated risk/threat against both types Distributed Denial of Service (DDoS) and Open Web Application Security Project (OWASP) 10 Vulnerabilities
- Auto fixation of application level vulnerability after using the vulnerability assessment feature is available
- Configuration of geolocation blocking was done
- Enabled IP whitelisting for internal Private IP's

SOLUTION ARCHITECTURE



ABOUT PROGRESSIVE INFOTECH

Trusted IT partner since 1998, Progressive Infotech provides a comprehensive suite of transformation and support services. The offerings span across cloud, digital and support operations, delivered through a matured and scalable service delivery model. In every client engagement, Progressive ensures clients realize higher ROI, stretch the intrinsic value of existing IT investments and are better prepared for emergent market changes.

Gartner lists Progressive Infotech as a notable vendor in Magic Quadrant for Public Cloud Infrastructure Managed Service Providers, Worldwide 2018- Asia/Pacific Context.

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