



Transforming DDoS Defense for a Global Real Estate Tech Company

CUSTOMER CHALLENGE

The customer, a global provider of enterprise web-based applications for the real estate industry, was facing recurring, large-scale Distributed Denial of Service (DDoS) attacks across its India-based infrastructure. These attacks severely impacted uptime, caused latency for legitimate VPN users, and could not be mitigated effectively with existing tools.

APPROACH

To overcome repeated DDoS incidents and enhance their overall security posture, the customer engaged Workmates to deploy an AWS native security solution. The goal was to implement layered defenses using AWS Advanced Shield and tailor traffic management through custom WAF rule sets, while ensuring a seamless experience for legitimate users.

IMPLEMENTATION

AWS Shield Advanced was deployed to offer real-time DDoS attack mitigation across the AWS environment.

20+ Custom WAF Rules were developed, with geo-blocking (China, Indonesia) and access filters for 150+ approved VPN clients.

Amazon CloudWatch enabled continuous traffic analysis and performance monitoring.

AWS Config ensured continuous auditing and compliance of deployed infrastructure.

Amazon EventBridge and SNS were integrated to send automated alerts to the security and operations team during anomalies or surges.

RESULTS

1

80% Reduction in the impact of DDoS attacks, even when managing bursts of **2 billion requests per minute**.

2

60% Improvement in legitimate traffic processing, significantly lowering false positives.

3

40% Latency Decrease for VPN users due to targeted rule exceptions.

4

Increased Uptime & Security across global infrastructure by handling HTTP floods, SYN floods, DNS amplification, and UDP attacks with minimal disruption.

BUSINESS IMPACT

With **Workmates'** AWS-centric security modernization, the customer achieved robust protection against evolving DDoS threats, ensuring operational continuity, reduced latency for clients, and a seamless user experience. The solution fortified trust in the platform and secured their global real estate SaaS operations.



Workmates is a leading cloud-managed services and IT solutions provider, recognized as an AWS Premier Tier Services Partner—placing us among the top AWS consulting firms globally. Since 2018, we've helped businesses drive innovation and digital transformation with our team of 150+ AWS Certified Professionals, delivering expert solutions and exceptional results.

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