



Shaping Healthcare Possibilities

Success Story

24x7 AWS security monitoring and threat management

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The Challenge

- The customer is a renowned nonprofit American medical center known for its comprehensive patient care, medical research, and education
- Customer wanted to monitor their entire AWS platform; the workloads & the applications hosted on it
- Customer wanted to have 24x7 security monitoring coverage for the security alerts and threats
- Periodic application and infrastructure vulnerability scanning was also expected to maintain the security posture
- It was expected to help the customer in investigating suspicious and potentially malicious activity within the networks and systems.

Design of Security
Monitoring Solution

Dedicated Security
Operations Center Creation



The Solution

CitiusTech was engaged by the customer to setup a Security Information and Event Management (SIEM) solution and a 24x7 security operations center to act upon it.

- CitiusTech configured and used AWS Guard Duty as tool to monitor security alerts and threats.
- CitiusTech also performed periodic security scanning of their applications and infrastructure components.
- Created a dedicated security operation center with a ticketing tool with support windows of 24x7
- Reviewed the threats on the console, prioritize and took necessary actions.
- CitiusTech helped the customer in performing root cause analysis (RCA) of critical and high rated threats
- Maintained knowledge base of the threats and associated response



The Outcome

- Configured AWS GuardDuty as a SIEM tool integrating with a ticketing tool
- Faster detection and mitigation of security threats across the applications, Cloud & IT infrastructure
- Improved Security Posture across the organization (Cyber Risk Score)



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Thank You

CitiusTech - Shaping Healthcare Possibilities.

CitiusTech is a global IT services, consulting, and business solutions enterprise 100% focused on the healthcare and life sciences industry. We enable 140+ enterprises to build a human-first ecosystem that is efficient, effective, and equitable with deep domain expertise and next-gen technology.

With over 8,500 healthcare technology professionals worldwide, CitiusTech powers healthcare digital innovation, business transformation, and industry-wide convergence through next-generation technologies, solutions, and products

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