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11:10 AM - 11:30 AM

Decoding the Seas: How Observability Enables Better Decisions Faster

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Abstract:

In the ever-expanding landscape of information, where volume and variety exponentially increase, sea services face the critical task of deciphering it all at the speed of mission. Observability is a key tool that enables sea services to not only manage but truly comprehend the intricacies of their IT environments.

In this challenging maritime environment, Dynatrace champions the way as the leading observability solution, seamlessly delivering precise answers and intelligent automation at the speed of mission. It provides sea services with the capability to dynamically explore and map dependencies across their entire IT ecosystem, encompassing the vital components of legacy systems and hybrid/multi-cloud services essential for the seamless execution of naval operations.

Within this context, Dynatrace doesn't just serve as an observability solution; it becomes the compass guiding sea services to enable better decisions faster. By navigating the intricate IT landscape, Dynatrace facilitates a quicker understanding of dependencies, ensuring that sea services can make informed decisions swiftly, a critical capability in the dynamic maritime environment.

Securing these intricate systems is paramount to the mission's success, and a Zero Trust (ZT) architecture becomes the linchpin in achieving this objective. Dynatrace plays a pivotal role in helping sea services realize the goals of a ZT architecture. Through AI-enabled continuous observability, analytics, automation, and orchestration – the 6th and 7th pillars of the ZT Defense model – Dynatrace provides robust support in fortifying cyber defenses. Many advanced security threats are initially observed by way of anomalous behavior in day to day interactions, both machine to machine and user to application. Dynatrace automatically baselines the environment, and leverages AI to determine issues at machine speed.

In this presentation you will learn how sea services IT leaders are leveraging AI-Driven observability for:

- Full-Stack Observability/Visibility within applications and infrastructure
- Continuous Monitoring, Baselineing, and Anomaly Detection
- Automated problem resolution at scale with root cause analysis
- Achieving Zero Trust architecture objectives
- User Experience monitoring real and synthetic