

2022-01-11 - ONAP Security: Jakarta Global Requirements and Best Practices

Topic Leader(s)

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Topic Description

1 hour [Byung-Woo Jun](#), [Robert Heinemann](#), [Tony Hansen](#) , [Pawel Pawlak](#) , [Amy Zwarico](#)

Proposed Agenda:

1. ONAP Security Requirements (25 mins)
 - a. Version updates: package upgrades, Java/Python upgrades, infrastructure
 - b. CII badging targets
 - c. Integration base images
 - d. Service-Mesh-Based mTLS communication between Components
 - e. Authentication and Authorization Architecture
2. Deep Dive: Logging architecture leveraging open-source logging framework (35 mins)
 - a. The WHY of Security Logging
 - i. Security Logging for Containerized Environments
 - ii. Required log fields
 - iii. Logging Metadata needed to support great security analytics downstream
 - b. The HOW of Security Logging
 - i. Log Generation thru STDOUT/STDERR
 - ii. Log Collection, Aggregation, Persistence and Visualization Roadmap

Topic Overview

1) ONAP Security Requirements (25 mins)

- 1.1 Version updates: package upgrades, Java/Python upgrades, infrastructure
- 1.2 CII badging targets
- 1.3 Integration base images
- 1.4 Service-Mesh-Based mTLS communication between Components
- 1.5 Authentication and Authorization Architecture

2) Deep Dive: Logging architecture leveraging open-source logging framework (20 mins)

- 2.1 The WHY of Security Logging
 - 2.1.1 Security Logging for Containerized Environments
 - 2.1.2 Required log fields
 - 2.1.3 Logging Metadata needed to support great security analytics downstream
- 2.2 The HOW of Security Logging
 - 2.2.1 Log Generation thru STDOUT/STDERR
 - 2.2.2 Log Collection, Aggregation, Persistence and Visualization Roadmap

Slides & Recording



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- Live Interactive Session

Presentation Slide: [ONAP-Security-Global-Requirements-Best-Practices-01112022-Final3.pdf](#)

Recording: [zoom_0.mp4](#)

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