Overview

Focus areas

- Protection of cloud native* systems, while providing needed access
- Common understanding and common tooling to help developers meet security requirements
- Common tooling for audit and reasoning about system properties.

* cloud native adj. heterogeneous, distributed and fast changing systems
Focus areas

- Protection of cloud native* systems, while providing needed access
- **Common understanding** and common tooling to help developers meet security requirements
- Common tooling for audit and reasoning about system properties.

* cloud native *adj.*
heterogeneous, distributed and fast changing systems
- Dec 2017: Started socializing at Kubecon Austin
- 13 Mar 2018: Initial Commit for SAFE repo
- 10 Aug 2018: Policy WG merged with SAFE
- 21 Aug 2018: PR created for CNCF consideration
- 15 Apr 2019: Rename to CNCF SIG-Security
- 3 Jun 2019: SIG Charter approved by TOC
Members (Current: 44)

- Dan Shaw (@dshaw), PayPal [chair]
- Sarah Allen (@ultrasaurus), [chair]
- Jeyappragash JJ (@pragashi), Tetrate.io [chair]
- Devarajan P Ramaswamy (@deva), PADME
- Kamil Pawlowski (@kbpawlowski)
- Geri Jennings (@izgeri), CyberArk
- Howard Huang (@hannibalhuang), Huawei [Kubernetes Policy WG co-chair]
- Jason Melo (@jasonmelo), NearForm
- Torin Sandall (@tsandall), OPA
- Sree Tummidi (@sreetummidi), Pivotal [Cloud Foundry Project Lead]
- Christian Kemper (@ckemper67), Google
- Ray Colline (@rcolline), Google
- Doug Davis (@duglin), IBM
- Sabree Blackmon (@heavypackets), Docker
- Justin Cormack (@justincormack), Docker
- Liz Rice (@lizrice), Aqua Security
- Erik St. Martin (@erikstmartin), Microsoft
- Cheney Hester (@quioie), Fifth Third Bank
- Erica von Buelow (@ericavonb), Red Hat [Kubernetes Policy WG]
- Mark Underwood (@knowlengr)
- Rae Wang (@rae42), Google
- Rachel Myers (@rachelmyers), Google
- Evan Gilman (@evan2645), Scytale.io
- Andrew Weiss (@anweiss), Docker
- TK Lala (@tk2929), ZcureZ
- Maor Goldberg (@goldberg10)
- Andrew Martin (@sublimino), ControlPlane
- Karthik Gaekwad (@iteration1), Oracle
- Chase Pettet (@chasemp), Wikimedia Foundation
- Jia Xuan (@xuanjia), China Mobile
- John Morello (@morellonet), Twistlock
- Alban Crequy (@alban), Kinvolk
- Michael Schubert (@schu), Kinvolk
- Andrei Manea (@andreï_821), CloudHero
- Justin Cappos (@JustinCappos), New York University
- Santiago Torres-Arias (@SantiagoTorres), New York University
- Brandon Lum (@lumjib), IBM
- Ash Narkar (@ashutosh-narkar), OPA
- Lorenzo Fontana (@fntlnz), Sysdig [Falco Maintainer]
- Leonardo Di Donato (@leodido), Sysdig [Falco Maintainer]
- Daniel Iziourov (@danmx), Adevinta
- Michael Hausenblas (@mhausenblas), AWS
- Zach Arnold (@zparnold), Ygrene Energy Fund
- Tsvi Korren (@tsvikorren), Aqua Security
Progress

Landscape

What got done

CNCF Landscape review

Categories drafted

Approach to mapping to categories identified

567 open source projects
40 security-related
Landscape

What got done

CNCF Landscape review

Categories drafted

Approach to mapping to categories identified

Things to do

Validate categories & approach

Map existing projects to categories

Want to help? ⇒ issue#124
Security Assessments

What got done

Initial Guidelines PR#125

Issue Template
Security Assessments

What got done

Initial Guidelines PR#125

Issue Template

Almost Completed

In-toto 😞@SantiagoTorres
Santiago Torres-Arias

(OPA)

@ashutosh-narkar
Ash Narkar

github.com/cncf/sig-security/assessments

Issue#166

Issue#179

KubeCon EU 2019
Inside CNCF Project
Security Reviews

sched.co/MPdf
<table>
<thead>
<tr>
<th>What got done</th>
<th>Next steps</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Guidelines PR#125</td>
<td>Expand the security review team...</td>
</tr>
<tr>
<td>Issue Template</td>
<td></td>
</tr>
<tr>
<td><strong>Almost Completed</strong></td>
<td></td>
</tr>
<tr>
<td>In-toto   🤔@SantiagoTorres</td>
<td>Want to help? ⇒ shout out on mailing list or slack!</td>
</tr>
<tr>
<td>Santiago Torres-Arias</td>
<td>And put your name down in: Issue#167</td>
</tr>
<tr>
<td>OPA</td>
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<tr>
<td>🤔@ashutosh-narkar</td>
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<tr>
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</tbody>
</table>

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sched.co/MPdf
Coming up...
2019 Roadmap

- Security overview
  White paper  - issue#138
- Policy white paper
- Sig-Security Microsite
- Security assessments
  First 5  - issue#167
  - in-toto
  - OPA
  - Falco
  - Keycloak
  - TBD
learn more...

github.com/cncf/sig-security

Slack: https://slack.cncf.io/ #sig-security

Meeting Times:

Every Wednesdays
10am PT, 1 pm ET, 6pm CET
(zoom: https://zoom.us/my/cncfsigsecurity)