Akraino Edge Stack
Security Sub-Committee

March 2nd, 2020
Randy Stricklin
Security Sub-Committee Co-Chair, Akraino Edge Stack

Akraino Security Team Update

› Sub-Committee Chair Ken Yi stepped down on 11/5/2019

› Haitao Wang (Intel) elected on 12/12/2019

  › Unavailable January/February due to Coronavirus quarantine

› Co-Chair position approved by TSC on 2/11/2020

  › Randy Stricklin (AT&T) only nominee

  › TSC approved Randy Stricklin as co-chair 2/27/2020

› Resume Security Sub-Committee meetings in March

  › Considering time change to better accommodate more time zones

  › Previously meetings held every 2 weeks on Wednesdays 9:00-10:00am PT

Security Tools

Test	Recommended Tools	Notes
Static Application Security Testing (SAST)	SonarCloud	Open source
Dynamic Application Security Testing (DAST)	Lynis	Open source
Vulnerability Analysis	Vuls	Open source

Documents

› Akraino Security Development Lifecyle (SDL)

› Akraino Security Requirements

Work Items

› Security Scan Tracking and Enforcement
  › Maintain blueprint level security scan status charts
  › Create a table to track the security bug status for each project
  › Complete 'Passing Criteria for Security Scans' Criteria Definition
    › Based on:
      › Pass Criteria: incubation, mature, core
      › Severity: Low, Moderate, Important, Critical
  › Create a schedule for implementation with PTLs
  › Invite PTLs to present security status to sub-committee

› CII Badging Adoption

› Increase Security Sub-Committee Participation

For more information,
please visit:
www.akraino.org

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