CDSA Board

App & Cloud - Update

Running order

- Micah Littleton – Introduction / Refresher / General Update
- Todd Burke – Cloud and Application Controls Update
- Ben Schofield – Latest Statistics on Mapping Progress
- Todd Burke – Wrap Up and Next Steps
- Q&A

2020 Refresher

The Backstory:

- The Board elected to take the existing control framework (drafted previously) and narrow them down to a "top 50" while mapping to published controls across CSA, OWASP, ISO etc.
  - *Understanding this will be a baseline framework and will grow organically over time.*
- In April, Technology Committee Tri-Chair (Micah, Todd, Mischa) elected and assigned as priority.
  - Covid Pandemic did not help this exercise but managed to organize after some delay.
- In July, in an effort to manage the task and utilize our industry partners, workstreams were formed.
- Through August and September, workstream teams were solidified and initial workshops conducted.

Key Points:

- Writing and maintaining custom controls requires a huge (volunteer) effort
  - *Start with leveraging what is "established" and grow organically over time*
- Cloud platforms are innovating new products at pace, tough to keep controls aligned
  - *Leverage each cloud platforms specific best practice and design patterns*
- Cybersecurity needs to be seen as a business risk, not a technical discipline
  - *Deliver documentation in a usable format that is easily applied to any size of business*
- Consensus across security community in M&E, ratification by Studio security leads
  - *Baseline candidate for framework will require ongoing development*

Phases

- PHASE 1 (active): Controls mapped to industry frameworks
  - CSA, CIS, OWASP, ISO, MPA
- PHASE 2 (partially active): Best practice documentation
  - Major cloud platforms
- PHASE 3 (TBD): Process workflow
  - Configure existing documentation systems in common use
  - Minimise custom development to reduce cost, minimise risk and deliver fast
  - Propose and review with board
- FUTURE (needs planning)
  - Dynamic updates from other industry control frameworks and ME-ISAC
  - People (cloud certification, media skills)
  - Audit Process, Controlled Access, Shared Resources
  - General Business Model organization

…...Since Our Last September Meeting

- Refreshed Workstream Leaders and Co-Leads
  - *Life, Work, & Workstream balance is difficult in some cases*
- To maintain focus, we organized regular cadence of "sync" meetings
- Held instructional workshops to address any misalignment, clarify mappings and addressed general Q&A
- "Lessons Learned" was shared to other workstreams to answer questions they may not have had
- Overall, workstreams have risen to the challenge of balancing "day job's & pandemic"
  - Enthusiasm is high to take our industry forward on Cloud and Application Best Practices
- Although some hurdles, we feel there is an overall positive result have showed great momentum in a short period of time.

Cloud and Application Controls General Update

- Top 50 Categories ready
- Committee workstreams refreshed (can always use more help)
- Training completed and mapping underway
- Progress reporting established
- Great blend of industry expert review and consensus
- Tough questions being asked and methodology being challenged which prompted peer review and feedback (welcomed).
- Keen interest in cloud overall

Top 50 categories

- High level summary narrative document
- Short presentation for education
- Spreadsheet with detailed controls and links
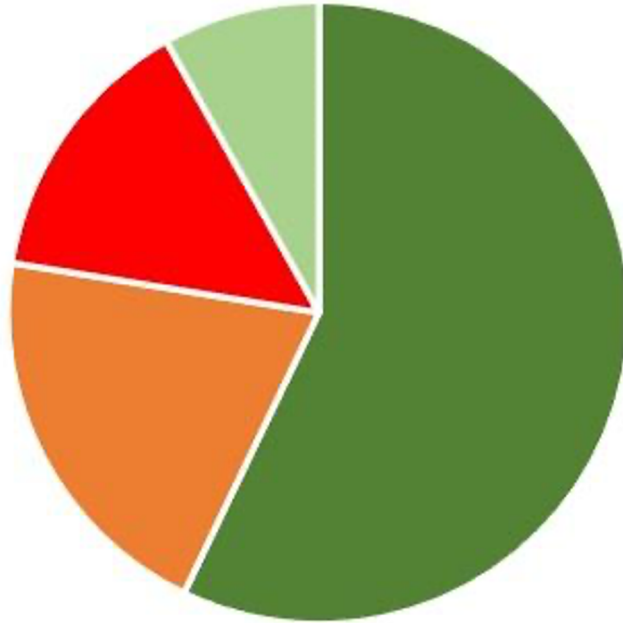- Overview structure for target 500 controls
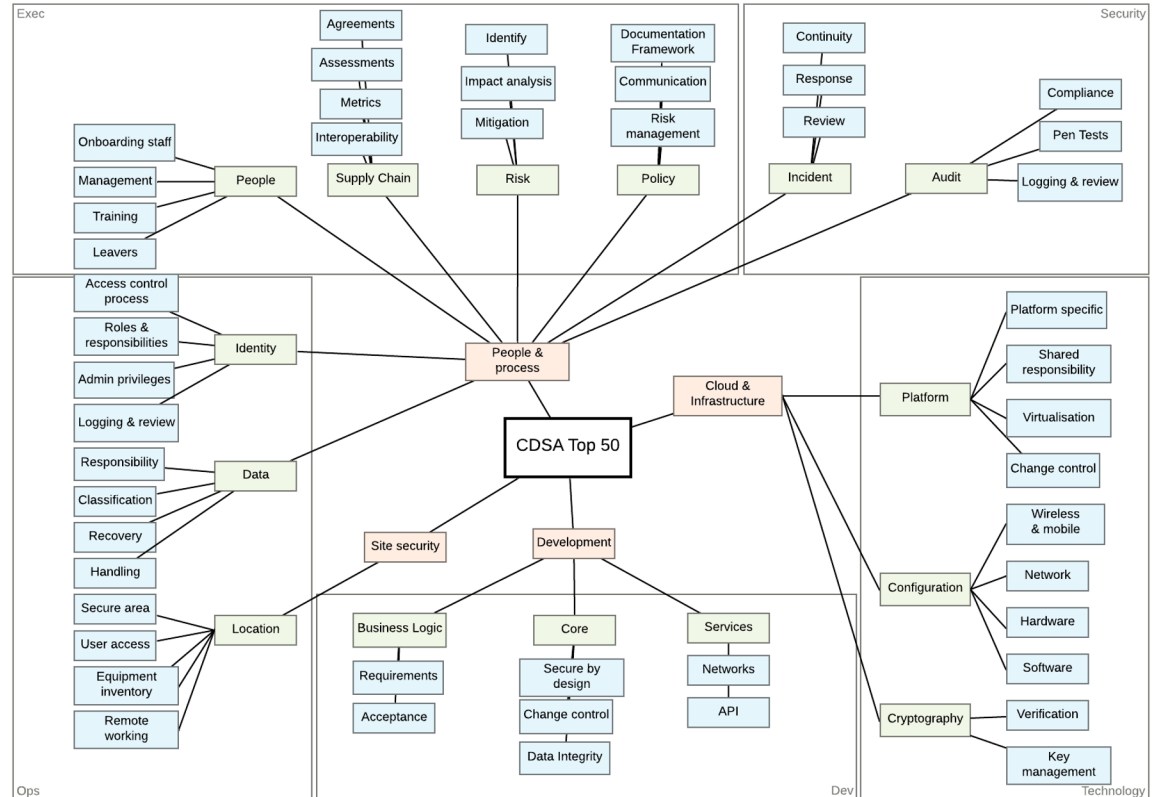
Latest Statistics on Mapping Progress
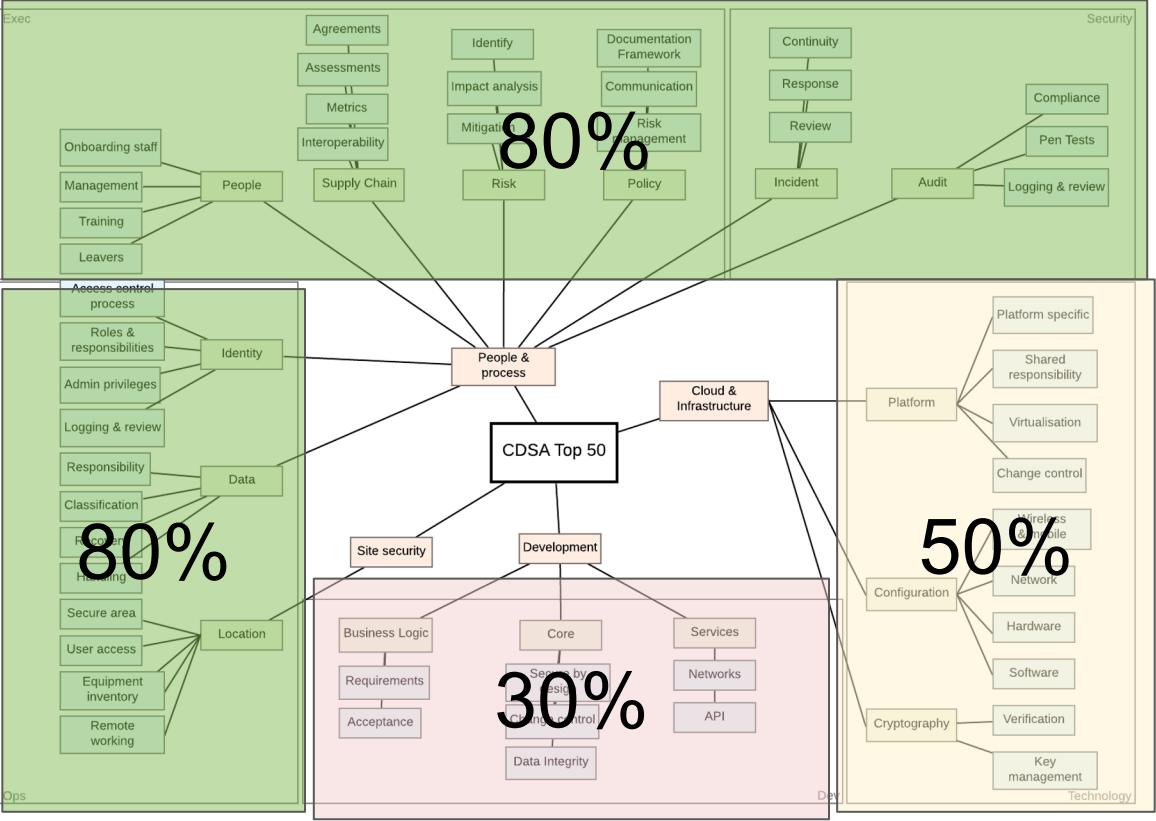
Latest Statistics on Mapping Progress

Categories by Workstream

People & Process (end of December 2020)

Site Security (end of December 2020)

Cloud and Infrastructure (trying for end of December 2020)

Development (end of Q1 2021)

Wrap Up and Next Steps

- Maintain momentum gained in last two months by continuing to hold regular meetings with workstreams, driving to completion.
- Deliver a portion of the Security Control Framework with mapping to Board by December 31 (for review).
  - *People & Process* and *Site Security* will be complete
  - *Cloud and Infrastructure* could be ready, but might be challenging
  - *Development* controls will be Q1 2021
- Deliver on Secure Configuration Guidelines on Amazon, Ali Baba and Azure by December 31 (for review)
  - Google being rebooted

Q&A