



Security HC

10/01/2024

# Agenda – and notes

- Progress on outstanding TG/Fasttrack – CHERI, WG
  - WG fast-track - Generated a lot of discussion on why are some things fast track, what was the security HC endorsing etc. Summary from Andy, Nicholas et al – fast tracks are for non contentious, small, well defined and contained additions. The Security HC hasn't endorsed a wholesale adoption of the donated world guard spec as this has overlap and conflict with (for instance) IO-PMP. The consensus was to fast track the ISA part (the WG ID CSR), with the note that the semantics should be considered and not over constrained as to prevent future compatibility with wider integration models and use cases. The fast track proposal will require review by the security HC.
  - CHERI, from Alex, it was noted that the two IC are ok for the security HC to send the call for candidates. Call now sent.
- Sec Model Ongoing progress
  - Some excellent progress in the past few week. Thanks to NW, Paul, Ravi et al. for the contributions and reviews.
  - Note about the request to include RUST – this to be added as an example line of recommendations to improve memory safety. This will be informative text. Issue is how far does the security model go in recommending things.
- Freeze review for cove ABI, Initial review for Cove-IO ABI
  - Announced in the earlier meeting. Repeated here to gain as wide an audience as possible.