



# RISC-V External Debug Security TG

Meeting notes – 11/29/2023

# Disclaimer

- <https://docs.google.com/presentation/d/1LNhpuNwU54TgwGfcl-Fgf4HUFxCxh0AztPaeqMuRQRw/edit#slide=id.p1>

# Agenda

- TG update
- Discuss arch opens

# Introduction

- Welcome to TG meeting
- Feel free to raise your hand and introduce yourself

# TG Progress

- Charter review
  - Pending, need to elect chair & vice chair first
- Chair & Vice chair election
  - Create "call for candidate" ticket in github - Done ([Ticket](#))
  - Governing and Dotted-line Chairs to review the required qualification
    - Blessed by Security HC chair (Andy), waiting for SOC HC chair (Ved)
  - Governing HC/IC chair send call-for-candidate email – Pending
  - Collect candidate list, interview – Pending
  - Nominee & approve – Pending

# Call for candidate – Chair/Vice Chair

- Required Technical Qualifications
  - Knowledgeable in RISC-V debug architecture, RISC-V external debug spec and trace spec
  - Knowledgeable in RISC-V security architecture, isolation model and related specs
  - Experience with threat modeling and security architecture analysis
  - Experience in platform/SOC/CPU security architecture and aspects related to debug security
- Community Charter
  - <https://github.com/riscv-admin/external-debug-security/blob/main/CHARTER.md>

# Meeting notes & Actions

- TG progress
  - Conflict with chairs meeting
  - Move TG meeting to avoid conflict
- Review arch opens (<https://github.com/joxie/riscv-debug-security/issues>)
  - <https://github.com/joxie/riscv-debug-security/issues/8>
    - Agree to close, do not see strong justification for H/S to control dbgsec
  - Interaction with Smmmt spec (Per-domain debug policy)
    - Invite Smmmt PIC into next TG meeting
  - <https://github.com/joxie/riscv-debug-security/issues/10>
    - Back compatibility is important, update spec to fix
  - <https://github.com/joxie/riscv-debug-security/issues/11>
    - Agree to output dbgsec to trace encoder
  - <https://github.com/joxie/riscv-debug-security/issues/12>
    - Need to go through all triggers to decide pending vs drop

# Information & Logistic

- TG Charter
  - <https://github.com/riscv-admin/external-debug-security/blob/main/CHARTER.md>
- TG Meeting notes
  - <https://github.com/riscv-admin/external-debug-security/tree/main/meetings>
- Draft
  - <https://github.com/joxie/riscv-debug-security/blob/main/spec/Secure%20Debug%20Proposal.md> (Stable version)
  - <https://github.com/joxie/riscv-debug-security/blob/dev/spec/Secure%20Debug%20Proposal.md> (Dev branch)
  - <https://github.com/joxie/riscv-debug-security/issues> (Open issues)



# Backup Slides

