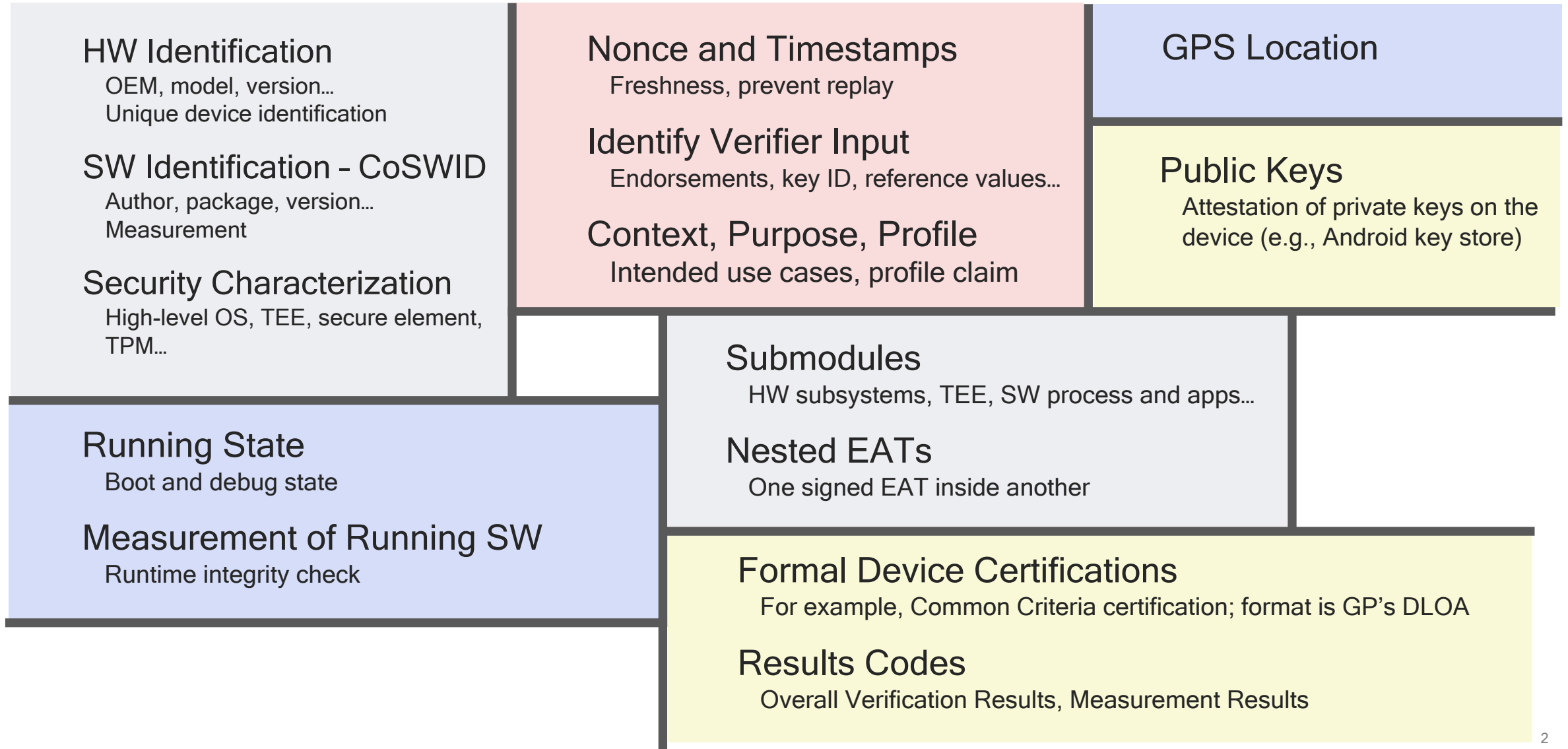


EAT Update

Laurence Lundblade

IETF 113 March 2022

Planned Contents of an EAT - The Claims



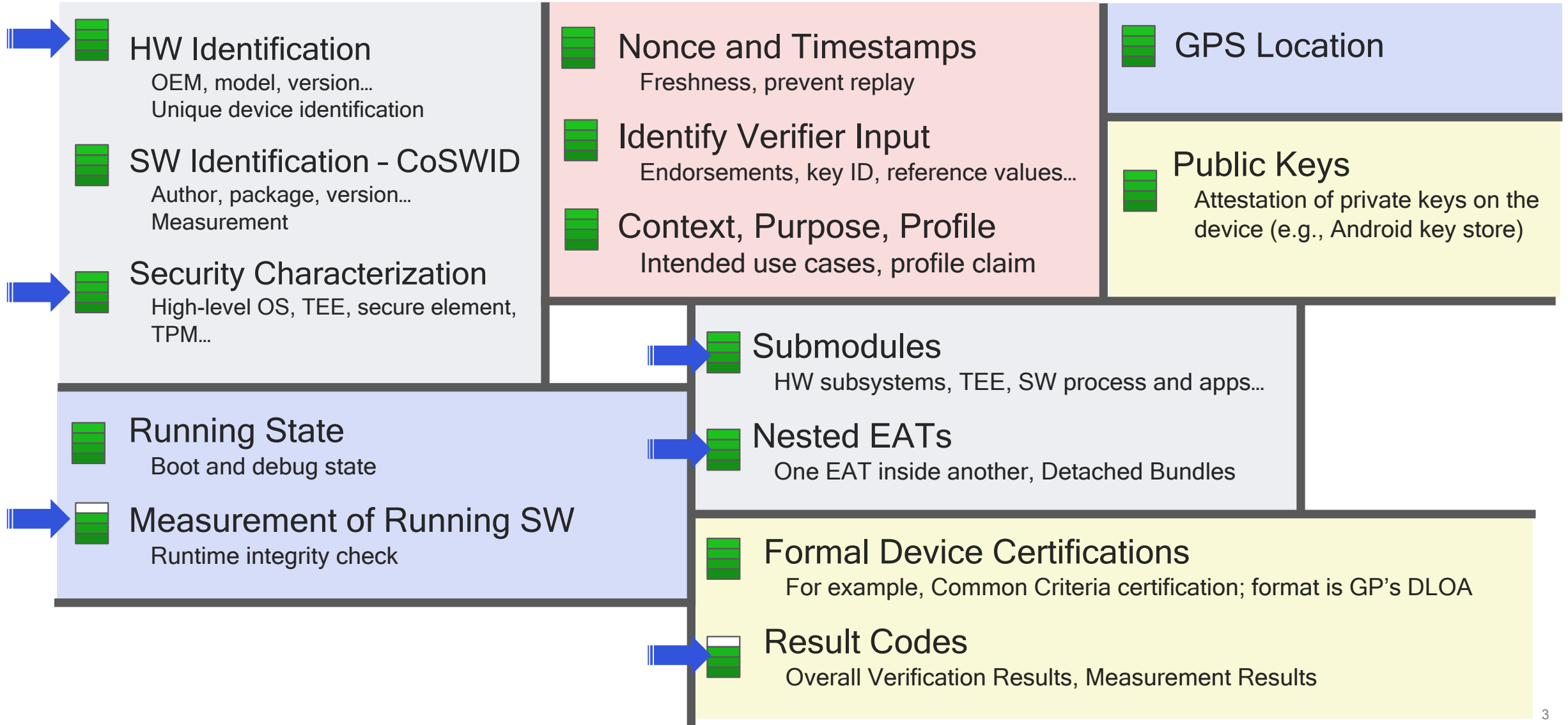
Level of Completion in EAT Draft



- Ready for last call, no open issues
- Near completion, reviewed
- Draft text
- Proposed, Interest in



Progress & change since IETF 112. In draft -12



Important changes in the -12 draft (since IETF 112)

- Use normative language consistently
- Better definition of “entity”
- Lots of wording improvements
- Added HW Model claim
- Added boot odometer claim
- Added privacy considerations for replay protection
- Make HW Version one claim instead of three (3 were for chip, circuit board and device)
- Fill in IANA section with descriptions of all claim registrations (both early allocation and standard allocation)

Improved grouping of claims ([PR # 171](#))

- Claims about the entity
 - Identity – HW OEM, Model, Version, UEID, SUEID
 - Running state – debug and boot status, uptime, boot odometer
 - Composite devices – submods and token nesting
 - SW Manifests
 - Measurements and measurement results
 - Certification
 - Attestation results code(s)
- Claims about the token
 - Profile
 - Intended use
 - Time stamp
 - Nonce and Freshness
 - Recommendations for including public keys

Work in the EAT queue

- Complete the CDDL
 - Use JC<> CDDL generic to ease definitions that vary between CBOR and JSON
 - A few bug fixes
- Rearrange sections to group claim definitions better

Topics Requiring Work Group Consensus

- Resolve relationship to UCCS (Separate Presentation)
- Resolve security-level claim
- Attestation Results
 - EAT's role in AR
 - A separate profile document?
 - Add general result code?
 - Relation to ar4si