

Remote ATtestation ProcedureS BoF (RATS)

Draft Charter

<https://datatracker.ietf.org/meeting/103/materials/slides-103-rats-draft-charter-00>

Tuesday, November 6, 2018

IETF 103, Bangkok

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Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- [BCP 9](#) (Internet Standards Process)
- [BCP 25](#) (Working Group processes)
- [BCP 25](#) (Anti-Harassment Procedures)
- [BCP 54](#) (Code of Conduct)
- [BCP 78](#) (Copyright)
- [BCP 79](#) (Patents, Participation)
- <https://www.ietf.org/privacy-policy/> (Privacy Policy)

Administrative Tasks

- Blue sheets
- Jabber scribes
- Note takers

Agenda

- 1) **Introduction, Logistics and Agenda Bash** (chairs) (5 min)
- 2) **Problem Statement** (Henk Birkholz and Ned Smith) (20 min)
- 3) **Relevant Work**
 - 3.1) **Compromise Trustworthy Visibility in Working Systems** (Eric Voit) (5 min)
 - 3.2) **Oauth and IoT** (Hannes Tschofenig) (5 min)
- 4) **Problem Statement Discussion** (open mic) (30 min)
- 5) **An Attestation Format** (Laurence Lundblade) (15 min)
 - draft: draft-mandyam-eat-00
- 6) **Next Steps** (30 min)
 - Discussion (open mic) (10 min)
 - Consensus Call for Scoping Questions (10+ min)
 - More discussion or charter discussion (as time allows)
- 7) **Chair Wrap-Up** (chairs) (5 min)

Introduction

Relying parties require evidence about the trustworthiness of remote system components [RFC4949] they interact with. Remote attestation procedures (RATS) enable relying parties to establish a level of confidence in the trustworthiness of remote system components by creating and processing attestation evidence. Based on the provided evidence, a relying party can decide whether to consider a remote system component trustworthy or not.

-- Draft Charter

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Starting Points for the Program of Work?

1. Specify a terminology, architecture and use cases
 - draft-birkholz-rats-architecture-00
2. Specify an information model for assertions/claims which provide information about system components characteristics
 - draft-mandyam-eat-00
3. Specify data models that implements and secures the defined information model
 - draft-mandyam-eat-00
4. Specify interoperable protocols to securely convey assertions/claims
5. Specify interoperable protocols to appraise attestation evidence via reference values

Scoping Questions

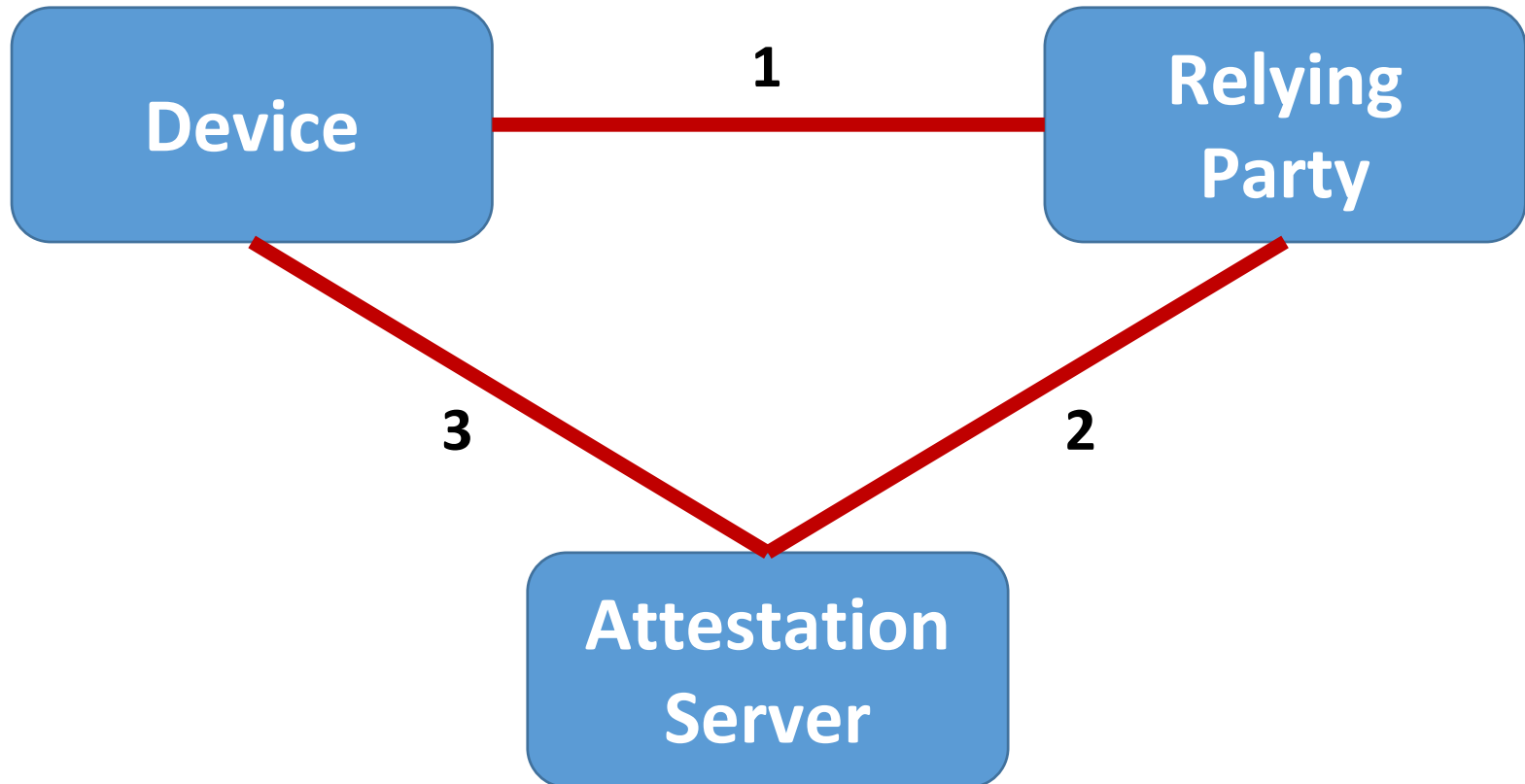
- Is the problem sufficiently understood?
- Is this problem tractable?
- Is this the right place to address the problem?
- Who is willing to author drafts?
- Who is willing to review drafts?
- How should this work be done in the IETF?

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Diagram for Discussion #2

(developed in real-time from Discussion #1)



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