

ArmoredSoftware: Trust in the cloud

Annual Demonstration

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Introduction and Project Goals

- Big Picture

- Design Refinements

Prototype demonstration and discussion

- Refine big picture to current demo

- Protocol Execution

- Appraisal

- Measurement

- Communication

- Demonstration

Short term goals and milestones

Questions and guidance

Big Picture

Design Refinements

Demonstration Protocol

What We Are Demonstrating

3-4 Slides on Attestation Protocol Execution

1-2 Slides on Appraisal

3-4 Slides on Measurement

2-3 Slides on Communication Mechanisms

Step Through Demonstration

Goals and Milestones for 2015

- ▶ Push to the cloud
- ▶ Establish roots of trust and trust argument
- ▶ Executable protocol representation and protocol semantics
- ▶ Operational, integrated vTPM prototype
- ▶ Name Server / Certificate Authority prototype
- ▶ More capable measurement
- ▶ Downloadable demonstration

Questions and Guidance

- ▶ What problems are interesting?
- ▶ What problem would be a nice attention grabber?
- ▶ What should we be watching and integrating with?