

PWG Plenary TCG Activity Summary

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Co-Chair TCG Hardcopy WG

TCG Overview



- TCG Website
 - <http://www.trustedcomputinggroup.org/>
- TCG Developer Resources
 - <http://www.trustedcomputinggroup.org/developers>
- TCG Description
 - The Trusted Computing Group (TCG) is a not-for-profit organization formed to develop, define and promote open, vendor-neutral, industry standards for trusted computing building blocks and software interfaces across multiple platforms
- TCG Membership Levels
 - TCG Promoter Member (\$55,000/year) – voting
 - TCG Contributor Member (\$16,500/year) – voting
 - TCG Adopter Member (\$8,250/year) – non-voting

TCG Workgroups



- Trusted Multi-Tenant Infrastructure (TMI) – NEW
- Authentication
- Hardcopy
- Infrastructure
- Mobile Phone
- PC Client
- Server Specific
- Storage
- Trusted Network Connect (TNC)
- Trusted Platform Module (TPM)
- TCG Software Stack (TSS)
- Virtualized Platform

TCG Trusted Multi-Tenant Infrastructure WG – NEW



- Cloud Security – Trusted Multi-Tenant Infrastructure WG – chartered in 2010 to develop standards framework for implementing:
 - Shared infrastructures
 - Multi-provider infrastructures
 - Reference models and implementation guidance
 - Identify and address gaps in existing standards
- Objectives of Trusted Multi-Tenant Infrastructure WG
 - Enable consumers to assess the trustworthiness of provider systems
 - Enable real-time assessment of compliance as part of the provisioning process
 - Support real-time monitoring of compliance to agreed policy
 - Provide a reference implementation guidance framework of standards

TCG Hardcopy WG – Status



- Current work
 - Use Cases (trusted startup, trusted services, etc.)
 - Threats (disclosure, modification, etc.)
 - Requirements (secure data-at-rest, etc.)
- Next work
 - TCG Hardcopy Device Security
 - Use TCG standards (e.g., TNC, TPM, Opal secure drives)
 - Use PWG standards (e.g., PWG Scan Service w/ WS-Security)
 - Use IEEE 2600 HCD environments and security terminology
- Future work
 - TCG Hardcopy Device Authentication Framework ?
 - Extend PWG IDS Authentication Framework (w/ TCG technologies)
 - TCG Hardcopy Device Logging Framework ?
 - Extend PWG IDS Logging Framework (w/ TCG technologies)