

NIST Cloud Computing Security Workgroup (NCC-SWG) 2nd Meeting Minutes

Time: 2/16/2011 2:00-3:00 PM EST

Online at http://webconf.soaphub.org/conf/room/cc_security

NCC-SWG's TWIKI page is at <http://collaborate.nist.gov/twiki-cloud-computing/bin/view/CloudComputing/CloudSecurity>

Threads of discussions

1. Some users were not on the e-mail list even after they registered. (*Matthew Metheny* [1ECG], *Margaret Leary* [Avaya Gov]).
2. The meeting started out with reviewing last week's kickoff meeting.
3. The meeting reviewed the top 10 Security Concerns for Cloud Computing. This is a working list with invitation of inputs from the work group. The current list is on the NCC-SWG's TWIKI page under *Working Documents and Artifacts*.
4. Mouli@NIST reviewed the NIST Cloud Security Roadmap Development Approach (draft). The six step development approach of the roadmap is on the NCC-SWG's TWIKI page under *Working Documents and Artifacts*. Any member in the WG can e-mail Mouli with new Ideas and suggestions at mouli@nist.gov.
 - A participant mentioned about compliance and governance in the road map. It will be included in the step 5 of the current road map.
5. Mouli@NIST went through the Cloud Security Services Architecture (draft). The tentative architecture is on NCC-SWG's TWIKI page under *Working Documents and Artifacts*.
 - Chris Braganza (MITRE) questioned the reason for *Virtual Machines & Hypervisor* being optional. He thinks the role of Hypervisor should be hardened.
 - Chris Braganza (MITRE) mentioned the possibility of developing environment containing harmful programs, thus should be isolated from the other (Production) environments in the CC environment.
 - Secure transportation of hardware/data should be included under Network as part of Secure Messaging.
 - Kathleen Moriarty (EMC) wanted to add *Incident Response* to the list.
 - Management/Monitoring/Auditing at different level of services.
 - Eugene Luster (R2AD) reminded the WG about the security concerns of the legacy systems such as mainframe system.

6. NCC-SWG will have a panel at NIST Cloud Computing Forum III (April 7-8, 2011).
7. This WG is not in connection with other CC Security Work Group elsewhere. However, Mouli@NIST welcomes information on other WGs.
 - Eugene and Don will provide Mouli with some contacts of other Security Work Group.
8. This WG may leverage some work from the NIST 800-144 (*Guidelines on Security and Privacy in Public Cloud Computing*), but will follow its own outline.
9. Some member of the WG volunteered to work some areas of the road map.

Action Items

1. Suggestions on three documents mentioned above are welcomed. Please e-mail Mouli at mouli@nist.gov.
2. Threat Taxonomy.
3. Volunteers for working on the six areas of the roadmap.

