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ISO/IEC JTC 1/SC 38
Distributed Application Platforms and Services (DAPS)

Document Type:	Information from the SC Secretariat
Document Title:	Terms of Reference for JTC 1/SC 38, SC 38 Working Group on Web Services, SC 38 Working Group on SOA and Study Group on Cloud Computing
Source:	JTC 1/SC 38 Secretary
Document Status:	<p>This document is being distributed to JTC 1 and JTC 1/SC 38 National Bodies for information and review.</p> <p>This document will be posted and discussed under Agenda Items 6 and 8 of the 12-14 May 2010 JTC 1/SC 38 Plenary Meeting.</p>
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JTC 1 Subcommittee 38 on Distributed Application Platforms and Services (DAPS)
Terms of Reference:

Title: Distributed Application Platforms and Services (DAPS)

Scope: Standardization for interoperable Distributed Application Platform and services including:

- *Web Services,*
- *Service Oriented Architecture (SOA), and*
- *Cloud Computing.*

As per the JTC 1 Directives, SC 38 will establish its own substructure at its first meeting. Based on discussions at the JTC 1 Plenary, it is anticipated that SC 38 will initially establish subgroups as follows:

- a. A Working Group on Web Services
 - Draft Terms of Reference:
 - i. Enhancements and maintenance of the Web Services registry (inventory database of Web Services and SOA Standards).
 - ii. Ongoing maintenance of previously approved standards from WS-I PAS submissions, ISO/IEC 29361, ISO/IEC 29362 and ISO/IEC 29363.
 - iii. Maintenance of possible future PAS and Fast Track developed ISO/IEC standards in the area of Web Services.
 - iv. Investigation of where web service related standardization is already ongoing in JTC 1 entities.
 - v. Investigate gaps and commonalities in work in “iv” above.
- b. A Working Group on SOA
 - Draft Terms of Reference:
 - i. Enumeration of SOA principles.
 - ii. Coordination of SOA related activities in JTC 1.
 - iii. Investigation of where SOA related standardization is already ongoing in JTC 1 entities, and
 - iv. Investigate gaps and commonalities in work in “iii” above
- c. A Study Group on Cloud Computing (SGCC) to investigate market requirements for standardization, initiate dialogues with relevant SDOs and consortia and to identify possible work items for JTC 1.
 - Draft Terms of Reference:
 - i. Provide a taxonomy, terminology and value proposition for Cloud Computing.

- ii. Assess the current state of standardization in Cloud Computing within JTC 1 and in other SDOs and consortia beginning with document JTC 1 N 9687.
- iii. Document standardization market/business/user requirements and the challenges to be addressed.
- iv. Liaise and collaborate with relevant SDOs and consortia related to Cloud Computing.
- v. Hold workshops to gather requirements as needed.
- vi. Provide a report of activities and recommendations to SC 38.