

ISO/IEC JTC 1/SC 38
Distributed application platforms and services (DAPS)
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Anticipating the closing on 13 August of two SC 38 New Work Item Proposal ballots [1]:

- SC 38 N 1005 Cloud Computing - Interoperability and Portability
- SC 38 N 1010 Cloud Computing - Data and their Flow Across Devices and Cloud Services

And recognizing completion or near completion of work in the following areas:

- WG1 Web Services - has no current work items
- WG2 Service Oriented Architecture - expect submission of DIS for ballot by 15 August and possible publication in early 2015
- SC 38/ITU-T SG 13 Collaborative Teams - expect Publication as International Standards [2]:
 - ISO/IEC DIS 17788 Cloud computing – Overview and vocabulary, and
 - ISO/IEC DIS 17789 Cloud computing – Reference Architecture

While considering the guiding principles in SC 38 N 1011 [4] from the Study Group on Future Work.

The SC 38 Chair and Secretary propose the following changes to the SC 38 Title, Scope and Working Group structure. This proposal is for consideration by SC 38 National Bodies in developing responses to Resolution 4 from the May 2014 JTC 1 SC 38 Plenary meeting in Sydney Australia [3].

1. Modify SC 38's Title and Scope as follows to reflect the change in focus
 - Title: Cloud Computing
 - Scope: Standardization in the area of Cloud Computing including but not limited to:
 - Service Oriented Architecture (SOA)
 - Service Level Agreement
 - Interoperability and Portability
 - Data and their flow across devices and cloud services
2. Structure SC 38 work as follows:

WG	Title*	Status
WG 1	Web Services	Disband
WG 2	Service Oriented Architecture (SOA)	
WG 3	Service Level Agreement (SLA)	
WG 4	Interoperability and Portability (IAP)	New WG
WG 5	Data and their flow across devices and cloud services (FLOW)	New WG

* If future NPs are approved and assigned to these WGs, then descriptive generic names can be considered. Until then, the four WGs should be named for their projects.

These proposed changes recognize the evolution of work within SC 38, make the group's activities and outputs more visible to interested stakeholders, and reflect the Subcommittee's leadership role in the area of Cloud Computing standardization.

REFERENCES:

ISO/IEC JTC 1/SC 38 N 1081 Final Resolutions of the 9th Meeting of ISO/IEC JTC 1 SC 38 2 May 2014

[1] Resolution 3: Approval of SC 38 New Work Item Proposals for Ballot

SC 38 approves the following new work item proposals for ballot and instructs the SC 38 Secretary to send out to SC 38 for 3-month NWIP ballot to close on or before 13 August 2014:

- SC 38 N 1005 New Work Item Proposal on Information technology – Cloud Computing - Interoperability and Portability
- SC 38 N 1010 New Work Item Proposal on Information technology – Cloud Computing - Data and their Flow Across Devices and Cloud Services

[2] Resolution 12: Progression of ISO/IEC 17788 and 17789 to Publication as International Standards

SC 38 approves the progression of ISO/IEC DIS 17788 (SC 38 N 1066–Disposition of Comments) and DIS 17789 (SC 38 N 1067–Disposition of Comments) to publication, pending approval by ITU-T.

[3] Resolution 4: Request for National Body Contributions on Potential SC 38 Structure

SC 38 requests National Body contributions on Potential SC 38 Structure, contingent upon whether the new work item proposals noted in Resolution 3 are approved. SC 38 National Bodies are requested to utilize the guiding principles outlined by the Study Group on Future Work in SC 38 N 1011.

ISO/IEC JTC 1/SC 38 N 1011 SGFW Restructuring Recommendations

[4] Recommendations for Restructuring:

It is hard for the SGFW to make a clear recommendation on how to best restructure the work being done within SC38 without knowing which (if any) of the new work proposals will be adopted by the SC38. However, there are several guiding principles which can be used by SC38 to help structure how work can be completed.

- 1) Structure work in such a ways as to promote moderate levels of parallelism.
- 2) Structure work so as to be able to group liked minded/skilled experts in order to make maximum use of their expertise. If a core set of skills/experts are needed on similar projects, make sure that the work proceeds serially so as to not deprive any effort.
- 3) Do not create new structures if there is no existing work that would fit in that structure. As this would only promote work to justify its existence.

Based on these principles, the SGFW would recommend that if the lifecycle, interoperability and portability, and data flow are accepted then they are all foundational and would benefit from the same group of experts so they would best be clustered structurally together to ensure that they can proceed serially. The current SLA efforts and cyber physical system efforts (if accepted) are different enough that they can be decoupled structurally.