INTERNATIONAL TELECOMMUNICATION UNION



## TELECOMMUNICATION STANDARDIZATION SECTOR

STUDY PERIOD 2013-2016

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26 February 2013

Source:JCA-CloudTitle:Invitation to contribute to the cloud computing roadmap populationLIAISON STATEMENTFor action to:ITU-T Study Groups SG2, SG5, SG11, SG12, SG13, SG15, SG16, SG17, CT-<br/>CCVOCAB, CT-CCRA, TM Forum, OMG-CSCC, ISMA, ISO/IEC JTC1<br/>SCs 6, 7, 27 and 38, OASIS, MEF, OGF, DMTF, CSA, SNIA, GICTF,<br/>ISACA, ATIS CSF, ETSI TC Cloud, ETSI TC LI, IEEE Cloud Profiles<br/>Working Group, IEEE Intercloud Working Group, IETF, BBFFor comment to:JCA-IdM, ITU-T SG 9

Agreed to at JCA-Cloud meeting (Geneva, 26 February 2013) **Approval: Deadline:** 20 April 2013 **Contact:** Monique Morrow Tel +41 44 878 9412 **Cisco Systems** Email: mmorrow@cisco.com Kangchan Lee Tel +82 42 860 6659 ETRI Fax: +82 42 861 5404 Korea (Republic of), Email: chan@etri.re.kr

The JCA-Cloud at its meeting in June 2012 launched a project called Cloud Computing standards roadmap. This Cloud Computing standards roadmap is supposed to summarize the activities of all the relevant SDOs working in the area of Cloud Computing. The goal of Cloud Computing standards roadmap is to be a tool to support JCA-Cloud coordination on Cloud Computing related activities of ITU-T SGs and other SDOs. To this end, JCA-Cloud performed the initial collection of all the available information from the ITU-T and other SDOs with regards to any relevant work on Cloud Computing.

The following URL will direct you to the initial draft of this roadmap

Roadmap editor

https://extranet.itu.int/sites/itu-t/Roadmaps/SitePages/JCA-Cloud-Standard.aspx

To access it in *read* mode please use your TIES account with log in name in a format username@ties.itu.int. If you do not have TIES account, please create a guest account for yourself at <u>http://www.itu.int/ITU-T/services/</u> then log in. For any problems with this working tool please contact JCA-Cloud secretariat at <u>tsbsg13@itu.int</u>.

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We would like to invite your Study Group, organization to populate this roadmap. For accessing the draft roadmap in a *write* mode please use the entry Submit my input to the Roadmap of the tool.

Else, you can submit your inputs by e-mail to secretariat or roadmap editor. In this case please follow the format of Attachment A.

We would like to encourage you to provide a URL pointer to the ITU-T and SDO/Forum work item you wish to introduce into the roadmap.

As agreed at the meeting of 26 February 2013 the web implementation of this roadmap is ready to go live and will be shortly available from the JCA-Cloud webpage.

We thank you in advance for your active participation in this project.

Appendix A. Sample of format to submit inputs to the Cloud Computing Standards Roadmap.

Activity domain <sup>1</sup>	Entity	Title of deliverable	Scope of deliverable	Current status	Starting date	Target date
	ITU-T SG13 Q17	ITU-T Y.cceco, Cloud computing: ecosystem, use cases, and general requirements	The scope of this Recommendation is to provide an introduction and general requirements about to the cloud ecosystem, focusing on the integration and support of the cloud computing model and technologies in telecommunication/ICT environment. The Recommendation addresses:	Draft Recommendation	2012-06-15	Q1 2013 for consent
			- Cloud computing related definitions and taxonomies based on the current state of the art			
			- Actors and roles in the cloud ecosystem			
			- A set of relevant telecommunication-centric use cases			
			- High-level requirements for cloud services, cloud architecture, cloud infrastructure, and cloud-related security			
			URI : <u>http://www.itu.int/ITU-T/workprog/wp_item.aspx?isn=8418</u>			
	ITU-T SG13 Q17	<b>ITU-T Y.DaaS</b> , Requirement and Reference Architecture of Desktop as a Service	The objective of this Recommendation is to specify requirements and reference architecture in terms of service and functionality for DaaS(Desktop as a Service). The use of standard interfaces of DaaS will ensure relevant service reusability, as well as accessibility and interoperability by DaaS application providers and/or developers.	Draft Recommendation	2012-06-15	Q4 2013 for consent
			This Recommendation describes requirements and DaaS service framework. The scope of this Recommendation includes: DaaS general requirements, DaaS functional requirements, and DaaS reference architecture			
			URI : <u>http://www.itu.int/ITU-T/workprog/wp_item.aspx?isn=8419</u>			

## Appendix A. Revised version of Cloud Computing Standards Roadmap

<sup>&</sup>lt;sup>1</sup> for use of editors. After the gathering of cloud activity, this column provides the category of deliverables