

Welcome to the World of Standards



Cloud Standards Coordination – Phase 2 Final Review Workshop: Introduction

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Final Review Workshop, Brussels, 1-2 October 2015



Rationale for CSC Phase 2

○ **EC Cloud Strategy (09/2012)**

- “Faster adoption of cloud computing throughout all sectors of the economy to boost productivity, growth and jobs”.

○ **Some potential roadblocks identified by EC**

- Fragmentation of the digital single market
- Contractual issues
 - SLA; Data ownership & portability; Security; ...
- A jungle of standards

○ **The Cloud Standards Coordination**

- “Promote trusted and reliable cloud offerings by tasking ETSI to coordinate with stakeholders in a transparent and open way to identify by 2013 a detailed map of the necessary standards (inter alia for security, interoperability, data portability and reversibility)”



Cloud Standards Coordination

Final Report

November 2013

VERSION 1.0

NO
Jungle of
Standards

Enough
Standards
to start with

Despite new
standards
coming, some
gaps
identified

Foster
collaboration
to ensure no
fragmentation
happens

A teal-colored circle containing the text "User Needs".

User Needs

A dark red-colored circle containing the text "Security".

Security

A purple-colored circle containing the text "Standards Maturity".

Standards
Maturity

A blue-colored circle containing the text "Open Source & Standards".

Open
Source &
Standards

- **Build on the findings of CSC Phase 1**
 - Closing the loop with other projects of EC cloud strategy
- **Focusing on the user needs and viewpoint**
 - Testing them against users' feedback
 - Digging further into users' needs—specify/qualify concerns
- **Addressing the main issues outlined at the end of CSC Phase 1**
 - Users priorities
 - Interoperability, Conformance (with Security as main concern)
 - Standards and Open Source
 - Status of Cloud Computing Standardization, snapshot 2
 - Socialization, Liaisons and Dissemination



How CSC Phase 2 was done

○ **CSC Phase 2 Definition**

- ETSI proposed a study item in June 2014 for EC funding
- The proposal was accepted by the EC in October 2014

○ **The Specialist Task Force (STF)**

- CSC Phase 2 is managed in ETSI as an STF
- A Collective Letter has been issued on November 3rd, 2014
 - CL14_3144 Call for Experts on Cloud Standards Coordination Phase-2
 - Describing the details of the proposed action
 - Calling for the recruitment of (up to) 6 experts
- Candidacies collected up to early December
- Selection of experts by NTECH in December
- The STF has officially started in January 2015
 - The STF 486 is attached to and supervised by TC NTECH in ETSI

○ The work in the STF 486 is organized in 4 Work Packages

- corresponding to 4 ETSI Work Items and
- 4 Tasks in the Letter of Engagement (upon 6)

○ Work Packages

- WP1 = WI 1 = Task 1 User Needs
- WP2 = WI 2 = Task 5 Standards and Open Source
- WP3 = WI 3 = Task 4 Interoperability, Conformance: Security
- WP4 = WI 4 = Task 2 Cloud Computing Standards: snapshot 2

○ All these WPs contribute to the others tasks of the LoE.

- Task 3 Socialization, Liaisons and Dissemination
- Task 6 Reports and results presentation workshop



○ Participants

- Emmanuel Darmois CommLedge (leader)
- Bernd Becker EuroCloud
- Anders Kingstedt Softarc AB
- Olivier Le Grand Orange
- Peter Schmitting FSCOM
- Wolfgang Ziegler z-rands

○ Timeline

- Official STF Start Date: January 19th 2015
- Actual STF Start Date: February 1st 2015
- Planned End of Work: December 3rd 2015
 - Result Presentation Workshop in Brussels on December 2nd 2015
- Official STF End : December 30th 2015



Status of CSC Phase 2

○ Work Package Deliverables

- All (draft) reports made available for public comments
- Public review of the comments on October 1-2 in Brussels
- Final reports will be submitted for NTECH approval October 6th
- Expected final distribution of reports to public at mid-October

○ Dissemination activities

- All available information available on CSC website: <http://csc.etsi.org>
- Opportunities to present the CSC Phase 2 results
 - ISC Cloud 2015 Paper accepted to the conference Sep. '15
 - EuroCloud Conference Oct. '15
 - ICT 2015 Networking event dedicated to CSC Phase 2 Oct. '15

○ Final Presentation Workshop **December 2nd 2015**

- Will be held in Brussels at EC premises

○ Objectives

- To collect and analyze (via a survey) the feedback from the users
 - To understand the needs of the CC users community
 - To identify their highest priority (existing or new) use cases
 - To ensure that their priorities are taken into account in standardization.
- To further refine the Phase 1 report conclusions.

○ Deliverable: **an ETSI Special Report (SR)**

○ Status

- Survey on-line on March 30th: <http://csc.etsi.org/phase2/survey.html>
 - 324 answers collected at the time of delivering the draft report
 - 374 answers at the closure of the survey (September 25th)
- Draft report distributed (version 1.0) for public comments on June 24th
- To be reviewed in the public Review Workshop on October 1st

○ Objectives

- Address the relationship of CC Standards with Open Source.
 - Understand how they can benefit from each other.
- Make an inventory of the on-going Open Source projects that have an established relationship with standards organizations active in CC.
- Analyse their potential contribution to standards.

○ Deliverable: **an ETSI Special Report (SR)**

○ Status

- Draft report distributed (version 1.0) for public comments on July 28th
- To be reviewed in the public Review Workshop on October 2nd

○ Objectives

- To address some CC Standards issues related to security, e.g.
 - Proof of conformance (seen as a moving target).
 - Data Protection & Privacy
- To provide users with recommendation regarding the interplay between standards, conformance and regulation.

○ Deliverable: **an ETSI Special Report (SR)**

○ Status

- Draft report distributed (version 1.0) for public comments on July 30th
- To be reviewed in the public Review Workshop on October 1st

○ Objectives

- To review CSC/1 segmentation of CC Service Life-cycle by activities
 - To take into account the results of WP1 on the Users priorities.
- To provides a list of available standards
- To evaluate the areas of overall greater maturity of standards.

○ Deliverable: **an ETSI Special Report (SR)**

- And a presentation workshop on December 2nd

○ Status

- Draft report distributed (version 1.0) for public comments on August 7th
- To be reviewed in the public Review Workshop on October 2nd



Organization of the Workshop

○ Before the workshop

- 394 comments received
 - WP1: 73; WP2: 95; WP3: 179; WP4: 47
- The STF 486 has compiled them and made a pre-evaluation

○ During the meeting

- Review of reports (timing based on experts availability)
 - Day 1
 - WP3 (Interop & Security) – Anders Kingsted & Olivier Le Grand
 - WP1 (Users survey) – Bernd Becker and Peter Schmitting
 - Day 2
 - WP4 (Maturity Assessment) – Wolfgang Ziegler
 - WP2 (Standards and Open Source) – Emmanuel Darmois

○ After the meeting

- Finalization of the comments not dealt with during the review session
- Publication of results around mid-October (in line with ICT 2015)

○ During the meeting

- Presentation of scope and objectives of the report
- Analysis of the comments
 - Editorial - Simple content (acceptable alternative proposed)
 - Complex content (same but requires after meeting effort)
 - Disagreement (cannot be taken as such)
 - For further study (too large to be done in time and resources)
 - Out of scope (not in the initial goal of the project)
- Immediate implementation of comments when possible

○ After the meeting

- Implementation of the more complex comments
- New version for ETSI internal approval starting October 6th
- Publication of reports around mid-October

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Thank you!