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| **Title\*:** | MTS#75 Draft Meeting Report | | |
|  | 26-27 September 2018 | | |
| from **Source**\*: | ETSI | | |
| Contact: | Emmanuelle Chaulot-Talmon | | |
|  |  | | |
| input for **Committee**\***:** | MTS | | |
|  |  | | |
| Contribution **For\*:** | Decision | **X** |  |
|  | Discussion |  |  |
|  | Information |  |  |
|  |  | | |
| Submission date**\***: | 2018-30-09 | | |
|  |  | | |
| Meeting & Allocation: | **MTS#75** | | |
|  | | | |

# Opening

## Introduction & welcome, Local arrangements, IPR call [Tepelmann, Chaulot-Talmon] Gyorgy Rethy welcome participants and open the meeting.

**Call for IPRs** (clause 4.1 of the ETSI IPR Policy, Annex 6 of the Rules of Procedure):

"The attention of the members of this Technical Body is drawn to the fact that ETSI Members shall use reasonable endeavours to inform ETSI of Essential IPRs in a timely fashion. This covers the obligation to notify its own IPRs but also other companies’ IPRs.

The members take note that they are hereby invited:

-to investigate in their company whether their company does own IPRs which are, or are likely to become essential in respect of the work of the Technical Body,

-to notify to the Chairman or to the ETSI Director-General all potential IPRs that their company may own, by means of  
 the [IPR Information Statement and the Licensing Declaration forms](http://www.etsi.org/legal/IPR-Forms) that they can obtain from the secretariat"

Members are encouraged to make general IPR undertakings/declarations that they will make licenses available for all their IPRs under FRAND terms and conditions related to a specific standardization area and then, as soon as feasible, provide (or refine) detailed disclosures.

***"The attention of all participants to the meeting was drawn to the fact that ETSI activities are subject to all applicable antitrust and competition laws and that compliance with said laws is therefore required by any participant of the meeting, including the Chairman and Vice-Chairmen."***

***No IPR declare.***

## Approval of agenda, allocation of contributions to Agenda Items [Chaulot-Talmon]

Agenda is reviewed, revision 2 will be uploaded and approved:

## Presentation of incoming Liaisons & follow-up decisions

Topics: discussion of incoming liaisons (if any) and decision on potential responses & follow-up actions.   
LS IN: LS from ITU-T Study Group 17 to TC MTS [**MTS(18)075012**](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075012_LS_from_ITU-T_Study_Group_17_to_TC_MTS.pdf)

## Reports from GA, Board, & OCG Meetings ISG NFV, the STF ISG MEC, the STF

## Work Program Update DES/MTS-0020187312, Methods for Testing and Specification (MTS) The Testing and Test Control Notation version 3; Part 12: Using WSDL with TTCN-3 Agreed to stop this WI as no progress made since 3 years. AP(75)001: ECT Stop the WI, DES/MTS-0020187312

## Topics: Review of Action list

|  |  |  |
| --- | --- | --- |
| **Action Number** | **Action** | **Status** |
| **AP (74)001** | ECT to update WP with new schedule and change of rapporteur for WIs MTS TST | **Completed** |
| **AP (74)002** | Axel Rennoch to provide the MTSTST WG and MTS with a draft LS prior to approval by RC | **Completed** |
| **AP (74)003** | Jens Grabowski to provide a list of Technical changes useful for user, and send it to TET group to be inserted in the News section Jens will provide an update MTS and Gyorgy Rethy will update the website | **On going** |
| **AP (74)004** | ECT to prepare the LS to ITU with the 8 deliverables published. If the Object Oriented is ready on time it will be sent later to ITU. (Latest 3rd September) | **Completed** |
| **AP (74)005** | Gyorgy Réthy to provide the list of editorial comments on DES/MTS-203790-00F | **Completed** |
| **AP (74)006** | Jens Grabowski to update DES/MTS-203790-00F and provide a new final draft version to MTS. | **Completed** |
| **AP (74)005** | STF 550 TTCN-3 Review the TTCN3 leaflet to include JSON mapping, Advance Matching, and OOF before UCAAT to be done for 2019 | **ongoing** |
| **AP(74)006** | TDL SC to discuss further possible actions in the next call how and what to do to continue to progress with TDL and report to MTS. No call organized, an update will be presented by Andreas. | **closed** |
| **AP(74)007** | Andras Kovacs: Update the Progress Report with the change in the STF work plan and the sessions done. | **completed** |
| **AP(74)008** | Andras Kovacs: Approach the TTCN-3 evolution STF to evaluate the need on the content of up coming conformance STF (Including OOF or other extensions) and provide draft STF ToR proposal for next MTS meeting | **completed** |
| **AP (73)004** | Andreas Ulrich, Gyorgy Rethy: Propose concrete projects that could be used for pilot Study | **Ongoing** |
| **AP (73)003** | PM, GA, MK: add CRs for open questions  inheritance  clearer separation of locally ordered and globally ordered behaviour  other wishes  Still outstanding Philip to contact Marti and Gustav | **On Going** |
| **AP (73)001** | Michele to launch discussion on the list on potential work on Testing RESTful APIs in ETSI Scope of the testing is still being discussed in ISG NFV. To be followed. | **Completed** |

# MTS WG TST

## MTS TST Status Report Sasha Hackel presented a status report of WG MTSTST. MTS TST#5 meeting took place on 26.09.2018:

Liaisons: No answered to LS sent to One M2M, TC Cyber, TC SmartM2M  
Good progress made with OPCF  
In a first official telco between ETSI and OPCF, the different kinds of collaborations were explained, very positive feedback from OPCF, Next F2F meeting will be in mid or end October

## WI progress, 3 early drafts updated presented during the meeting MTS\_TST Flyer has been produced and will be uploaded to the ETSI portal, so that the link will be shared.

MTS TST Progress Report is approved by TC MTS

# TTCN-3

## TTCN-3 base standards & extensions (STF 550) - Jens Grabowski presented STF 550 Progress report milestone A. First session held in July, 29 CR resolved. Next session will be in October in Budapest. Further workplan will be discussed after the October session Presentation of the work of the STF will be done in UCAAT in Paris The STF 550 Progress Report is approved by TC MTS.

**3.2 TTCN-3 Conformance (STF 548)**

**Related contribution:** [MTS(18)075011](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075011_STF_548_Final_report.doc)  
 STF 548 Final Report presented by Andras Kovacs.  
 The following required tasks have been completed by STF 548:

* Analysis of changes in the core language between 4.8.1 and 4.9.1
* Update of PICS, test purposes, and existing conformance tests
* Completed unvalidated deliverables: Extension of implementation conformance statement (ICS).
* Completed unvalidated deliverables: Extension of test suite structure and test purposes - for part 1 and part 9 (TSS & TP).
* Completed unvalidated deliverables: Extension of abstract test suite (ATS) and IXIT
* Validation of tests on multiple tools (Elvior and Spirent tools)
* Completed validated deliverables: Extension of implementation conformance statement (ICS).
* Completed validated deliverables: Extension of test suite structure and test purposes - for part 1 and part 9 (TSS & TP).
* Completed validated deliverables: Extension of abstract test suite (ATS) and IXIT including validation on multiple tools

6 Final drafts uploaded for Approval.

Gyorgy Rethy thanks Andras and Tomas for their work and Final report and final drafts are approved by TC MTS.

**3.3 STF ToR for TTCN-3 Evolution 2019**

**Related contribution:**  [MTS(18)075003](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075003_STF_ToR_for_TTCN-3_evolution_2019.doc)

Jens Grabowski presented a ToR proposal for TTCN-3 Evolution 2019.  
It is agreed to include:

* Review the TTCN3 leaflet with latest update
* The STF will provide to the TET (TTCN-3 Editorial Team a list of Technical changes useful for users, the TET group will insert it in the News section

**AP(75)002:** Jens Grabowski will come back to MTS with a final proposal by mid October 2018, related new work items will be created and send together with the ToR in Remote Consensus for Final Approval

**3.4 STF ToR for TTCN-3 Conformance 2019**

Related Contribution: [**MTS(18)075010**](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075010_Draft_ToR_for_2019_STF__Extension_of_Conformance_tests_for_T.doc)

Andras Kovacs presented a proposal following some initial discussion with experts from the TTCN-3 evolution STF.

It is agreed to include:

* JSON mapping in the conformance testing.
* OOO mapping
* Unvalidated test cases based on latest drafts of the standards

**AP(75)003:** Andras Kovacs and Thomas Urban will come back to MTS with a final proposal by mid October 2018, related new work items will be created and send together with the ToR in Remote Consensus for Final Approval

# UCAAT

Everything on track, program available at: <https://ucaat.etsi.org/>

# TDL

## TDL/TOP presentation at Board meeting

Related Contribution [MTS(18)075015](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075015_TDL_TOP_presentation_at_Board_meeting.pptx)  
Andreas Ulrich presented a presentation which will be made at the ETSI Board on 28th September on the TOP project.

Open issues related to TDL and TOP:

* How to balance efforts in TDL standardization vs TOP contributions
* Resources and funding of TOP needed to implement its roadmap

## TDL Future

Related Contribution: [MTS(18)075014](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075014_Growing_and_nurturing_the_TDL_TOP_community.pptx)

* Comment from Michele: Periodic online meeting will be very useful and open to all parties involved with TDL.
* Kick off meeting will be organized by Andreas who will lead the activity.
* Gyorgy Rethy mentioned that one issue is the lack of tools available.

**AP(75)004:** Andreas Ulrich will organize a Kick off meeting on TDL/TOP on regular basis

# Specification and testing of REST API in ETSI

Related contribution: [MTS(18)075013](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075013_Specification_and_testing_of_REST_API_in_ETSI.docx)

Michele Carignani reported on the development for specification of REST API, interfaces which are specified in REST way.

CTI foreseen the need for a methodology for ETSI TBs to move faster from specification to implementation with high quality specifications.

The development of official ETSI guides for API specification and testing would support:

* Consolidation of efforts: TBs and PPs would be able to leverage from others’ experience
* Delivery time of specifications
* Standards quality (specification, testability, interoperability)

Some example of specifications already develop in some ETSI groups were presented as example.

MTS could contribute with a WI, an ETSI guide, or a specification, to provide guidance and methodology in a deliverable which could be used a reference by all ETSI groups. Several ETSI groups would beneficiate from this guide, but development need to be done quite quickly.

Several MTS delegates supported the proposal, which is fully in line with the goal of TC MTS, to serve other ETSI groups in term of Methodology and guidance. Analysis in consultation with other TB would be first needed to define the scope of the guide. STF request seems to be appropriate to speed up the development process and allow experts to coordinate with other ETSI groups.

Decision: Create a WI and STF ToR request.  
NWI: [MTS(18)075016](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075016_Methodology_for_RESTfull_APIs_specifications_and_testing.zip) **APPROVED**

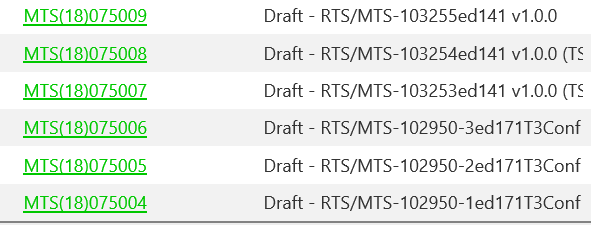
ETSI GUIDE; Methodology for RESTfull APIs specifications and testing

Supporting Companies: Ericsson, Siemens, University of Gottingen, Elvior, Cinderella.

**AP(75)005:** First draft ToR on Methodology for RESTfull APIs specifications and testing will prepare by Michele Carignani, it is suggested to propose to ETSI Members active in ETSI groups who will need this document to act as supporting companies.

# Meeting Wrap up

## Decision

* STF 550 Progress Report Milestone A [MTS(18)000004](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)000004_Progress_Report_STF_550__Milestone_A_.pdf) **APPROVED**
* STF 548 Final Report [MTS(18)075011](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075011_STF_548_Final_report.doc) **APPROVED**
* 6 final drafts on TTCN-3 Conformance **APPROVED**
* New Work Item: ETSI GUIDE; Methodology for RESTfull APIs specifications and testing   
  [MTS(18)075016](https://docbox.etsi.org/MTS/MTS/05-CONTRIBUTIONS/2018/MTS(18)075016_Methodology_for_RESTfull_APIs_specifications_and_testing.zip) **APPROVED**
* MTS TST Progress Report is endorsed by TC MTS **APPROVED**
* Stop WI: DES/MTS-0020187312, Methods for Testing and Specification (MTS) The Testing and Test Control Notation version 3; Part 12: Using WSDL with TTCN-3 **APPROVED**

## Actions list

|  |  |  |
| --- | --- | --- |
| **Action Number** | **Action** | **Status** |
| **AP(75)005** | First draft ToR on Methodology for RESTfull APIs specifications and testing will prepare by Michele Carignani, it is suggested to propose to ETSI Members active in ETSI groups who will need this document to act as supporting companies. |  |
| **AP(75)004** | Andreas Ulrich will organize a Kick off meeting on TDL/TOP on regular basis |  |
| **AP(75)003** | Andras Kovacs and Thomas Urban will come back to MTS with a final proposal by mid October 2018, related new work items will be created and send together with the ToR in Remote Consensus for Final Approval |  |
| **AP(75)002** | Jens Grabowski will come back to MTS with a final proposal by mid October 2018, related new work items will be created and send together with the ToR in Remote Consensus for Final Approval |  |
| **AP(75)001** | ECT to close WI DES/MTS-0020187312 |  |
| **AP (74)003** | Jens Grabowski to provide a list of Technical changes useful for user, and send it to TET group to be inserted in the News section Jens will provide an update MTS and Gyorgy Rethy will update the website | **On going** |
| **AP (74)005** | STF 550 TTCN-3 Review the TTCN3 leaflet to include JSON mapping, Advance Matching, and OOF before UCAAT to be done for 2019 | **ongoing** |
| **AP (73)004** | Andreas Ulrich, Gyorgy Rethy: Propose concrete projects that could be used for pilot Study | **Ongoing** |
| **AP (73)003** | PM, GA, MK: add CRs for open questions  inheritance  clearer separation of locally ordered and globally ordered behaviour  other wishes  Still outstanding Philip to contact Marti and Gustav | **On Going** |

## Calendar of future meetings & Events

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Event** | **Date** | **Venue - [host]** | **Status** |
|  | **UCAAT** | 16-18 October | Paris | Confirmed |
|  | **MTS#76** | 23pm/24 January | TBD |  |
|  | **MTSTST WG#6** | 23am January | TBD |  |
|  | **MTS#77** | 22-23 May 2019 | ETSI, Sophia Antpolis | Confirmed |
|  | **MTSTST WG#6** | 22 May 2019 | ETSI, Sophia Antpolis | Confirmed |

## Participant List

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Last name** | **First Name** | **Organisation** |
| Dr. | Adamis | Gusztav | Ericsson LM |
| Mr. | Carignani | Michele | ETSI |
| Mrs. | Chaulot-Talmon | Emmanuelle | ETSI |
| Prof. | Grabowski | Jens | Institut für Informatik |
| Mr. | Hackel | Sascha | Fraunhofer FOKUS |
| Mr. | Käärik | Martti | OU Elvior |
| Mr. | Kovacs | Andras | BroadBit |
| Mr. | Kristoffersen | Finn | Cinderella ApS |
| Mr. | Lehtmets | Andrus | OU Elvior |
| Mr. | Makedonski | Philip | Institut für Informatik |
| Mr. | Rennoch | Axel | Fraunhofer FOKUS |
| Dr. | Réthy | György | Ericsson LM |
| Dr. | Ulrich | Andreas | Siemens AG |