



Question(s): 14/11

Geneva, 10-19 May 2023

TD

Source: Rapporteur Q14/11

Title: Draft Report of Q14/11 meeting “Testing of cloud, SDN and NFV” (Geneva, 10-19 May 2023)

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1 Introduction

Question 14/11 was addressed in 5 sessions during the SG11 meeting which took place in Geneva, 10-19 May 2023, under the chairmanship of Linze Wu (China telecom, China) and Huan Deng (China telecom, China) who was appointed as acting Rapporteur. The group adopted the agenda contained in SG11-TD275/GEN.

The agenda was approved without modification.

The objectives for this meeting were:

- Progress the work of on-going draft Recommendation Q.Scvh-ipt;
- Progress the work of on-going draft Recommendation Q.BaaS-iop-reqts;
- Progress the work of on-going draft Recommendation Q.N-att-framework;
- Discuss ToR of Q14/11 for next study period;
- Discuss new work item proposal;
- Review iLS;
- Review oLS.

1.1 IPR Call

The Rapporteur, Ms Linze Wu, reminded the meeting participants of the ITU-T IPR Policy (see <http://www.itu.int/en/ITU-T/ipr/Pages/default.aspx>) and asked those present whether anyone had knowledge of intellectual property rights issues, including patents, copyright for software or text, marks, the use of which may be required to implement or publish the Recommendation being considered.

The Rapporteur reminded the participants that any ITU-T member organization putting forward a standardization proposal should draw the attention of the TSB Director to any known or pending patent and any other applicable IPR issues.

No declarations were made during the plenary.

2 Documentation and emailing lists

2.1 Documentation

The list of contributions for the meeting is found in Annex A.

The following documents were examined:

Contributions	C113 , C123 , C129-R1 , C139-R1 , C140-R1 , C144 , C186-R1 , C207-R1
TDs	SG11-TD390/GEN , SG11-TD391/GEN , SG11-TD352/GEN
LSs	SG11-TD390/GEN , SG11-TD391/GEN , SG11-TD352/GEN

2.2 Emailing list subscription

E-mail correspondences pertaining to the activities of this group are routinely conducted using the e-mail reflector t22sg11q14@lists.itu.int. Those wishing to subscribe or unsubscribe to this or other SG11 email reflectors should visit the mailing list web page at:

<https://www.itu.int/en/ITU-T/studygroups/2022-2024/11/Pages/ifa-structure.aspx>

3 Results

3.1 Question 14/11 summary

Q14/11 progressed on-going draft Recommendations Q.BaaS-iop-reqts, Q.Scvh-iopt and Q.N-att-framework. We receive one contribution for each ongoing WI. All contributions are accepted with or without modification. Q14/11 initiated three new work items at question level and prepared oLS for each new draft Recommendation. Q14/11 discussed one contribution for updating the ToR of Q14/11 and prepared the output for discussion at NSP session. Besides Q14/11 reviewed several iLS and all are noted.

3.2 Draft Recommendations for Approval

None.

3.3 Recommendations proposed for Consent in accordance with Rec. A.8.

3.3.1 Revised Recommendations

None.

3.3.2 New Recommendations

None.

3.4 Other documents for Approval/Agreement

None.

3.5 New work items

Q	WI acronym	Title	Baseline text
14/11	Q.vbng-pup-iopt	Interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway	TD406/GEN
14/11	Q.ITDaaS	Interoperability testing between CSP and CSC for DaaS(Desktop as a Service)	TD408/GEN
14/11	Q.NGNe-O-iopt	Interoperability testing of orchestration in next generation network evolution (NGNe)	TD410/GEN

Note: the A.1 description of the proposed new work items is to be found in Annex B.

4 Discussions

4.1 Incoming Liaison Statements

TD number	Title	Action	Discussion
SG11-TD390/GEN	LS on the new work item (Y.ccm-arch) "Cloud Computing - Functional architecture for container and container management"	For Information	Noted

TD number	Title	Action	Discussion
SG11-TD391/GEN	LS on initiation of new work item ITU-T Y.NGNe-CEE “Capability exposure enhancement in next generation network evolution (NGNe)”	For Information	Noted
SG11-TD352/GEN	LS/r on the consent of draft Recommendation ITU-T Q.4070 (ex. Q.vbng-iop-ts) “Test suite for interoperability testing of virtualized broadband network gateway” (reply to SG11-LS46)	For Information	Noted
SG11-TD325/GEN	LS/i on new ITU-T Focus Group on metaverse (FG-MV) [from TSAG]	For Information	Noted
SG11-TD326/GEN	LS/i on telecommunication/ICT equipment [from ITU-D Q4/2]	For Action	Noted
SG11-TD316/GEN	LS/i on eight approved deliverables of ITU-T FG-AI4EE and draft Technical Report ITU-T FG-AI4EE D.WG3-06 [from FG-AI4EE]	For Information	Noted
SG11-TD327/GEN	LS/i/r on establishment of a new ITU-T Focus Group on Testbeds Federations for IMT-2020 and beyond (FG-TBFxG) (reply to SG11-LS221R1) [from ITU-D Q1/1]	For Action	Noted
SG11-TD329/GEN	LS/i/r on SG5 Recommendations appearing in the AAP 2022 processing list [from SCV]	For Information	Noted
SG11-TD330/GEN	LS/i on Definitions being developed by ITU-T SG11, SG12, SG16, SG17 and SG20 [from SCV]	For Action	Noted
SG11-TD141/GEN	LS on Current Activities of FG-AI4A		Noted
SG11-TD313/GEN	LS/i on terms and definitions form SG16 new work items [from ITU-T SG16]	For Information	Noted
SG11-TD314/GEN	LS/i on SG5 Recommendations appearing in the AAP 2022 processing list [from ITU-T SG5]	For Information	Noted
SG11-TD309/GEN	LS/i on "Acknowledgement of the approval of the extension of the lifetime of J-SCTF" [from ITU-T SG20]	For Information	Noted
SG11-TD305/GEN	LS/i/r on the appointment of a Vocabulary Rapporteur (reply to SCV-LS1) [from ITU-T SG5]	For Information	Noted

TD number	Title	Action	Discussion
SG11-TD308/GEN	LS/i/r on terms and definitions from approved new work items (reply to SG16 LS278) [from ITU-T SG5]	For Action	Noted
SG11-TD381/GEN	LS/i on Procedure for the approval of terms and definitions [from SCV]	For Action	Noted
SG11-TD382/GEN	LS/i on Definitions being developed by ITU-T SG11 [from SCV]	For Information	Noted
SG11-TD366/GEN	LS/i on progress of FG-TBFxG and request to extend its life cycle [from FG-TBFxG]	For Action	Noted
SG11-TD372/GEN	LS/i on new Recommendation ITU-T Y.3532: "Cloud computing - Functional requirements of Platform as a Service for cloud native applications" [from ITU-T SG13]	For Information	Noted
SG11-TD374/GEN	LS/i on invitation to review "Big data and data handling standardization roadmap" and provide missing or updated information [from ITU-T SG13]	For Action	Noted
SG11-TD377/GEN	LS/i on new Recommendation ITU-T Y.3160 (ex.Y.SLOA-arch) "Architectural framework of end-to-end service level objective guarantee for future networks including IMT-2020" [from ITU-T SG13]	For Information	Noted
SG11-TD364/GEN	LS/i on SCV activity in SG2 [from ITU-T SG2]	For Action	Noted
SG11-TD370/GEN	LS/i on revision of JCA-IMT2020 terms of reference [from ITU-T SG13]	For Information	Noted
SG11-TD371/GEN	LS/i about continuation of the FG-AN operation [from ITU-T SG13]	For Information	Noted
SG11-TD356/GEN	LS/i on Invitation to nominate the representative to the ITU-T JCA-ML [from JCA-ML]	For Action	Noted
SG11-TD353/GEN	LS/i on new ITU-T Focus Group on costing models for affordable data services (FG-CostingData) [from ITU-T SG3]	For Information	Noted
SG11-TD357/GEN	LS/i on requesting collaboration on metaverse standardization work [from FG-MV]	For Information	Noted
SG11-TD339/GEN	S/i on Invitation to the ETSI ISG NFV's 10 years anniversary [from ETSI ISG NFV]	For Information	Noted

TD number	Title	Action	Discussion
SG11-TD338/GEN	LS/i on Invitation to join the activities and nominate the representative to the ITU T JCA-ML [from JCA-ML]	For Action	Noted
SG11-TD317/GEN	LS/i on the new edition of Supplement 4 to ITU-T A-series Recommendations "Guidelines for remote participation" [from TSAG]	For Information	Noted
SG11-TD318/GEN	LS/i on a progress report on the analysis of ITU-T study group restructuring [from TSAG]	For Action	Noted
SG11-TD320/GEN	LS/i/r on New Question 10/13 [from TSAG]	For Information	Noted
SG11-TD321/GEN	LS/i/r on updates on new Joint Coordination Activity on Machine Learning (JCA ML) (reply to SG13-LS35) [from TSAG]	For Information	Noted
SG11-TD322/GEN	LS/i/r on continuation of JCA-IMT2020 with revised ToR (reply to SG13-LS36) [from TSAG]	For Information	Noted
SG11-TD324GEN	LS/r on the JCAs under the responsibility of SG17 [to all ITU-T SGs]	For Information	Noted

4.2 Outgoing liaison statements

TD number	Title	To	Related to iLS
TD407/GEN	LS/o on the new work item Q.vbng-pup-iopt "Interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway" [to IETF and BBF]	IETF, BBF	None
TD409/GEN	LS/o on the new work item (Q.ITDaaS) "Interoperability testing between CSP and CSC for DaaS (Desktop as a Service)" [to ITU-T SG13]	SG13	None
TD411/GEN	LS/o on the new work item on Q.NGNe-O-iopt "Interoperability testing of orchestration in next generation network evolution (NGNe)" [to ITU-T SG13]	SG13	None

4.3 Discussion of contributions

Input Documents	Title	Discussion
C113	Q.BaaS-iop-reqts: Proposal for updating the text of clause 9, clause 10 and appendix I	Accepted with modification

C123	Proposal to initiate a new work item on interoperability testing of orchestration in next generation network evolution(NGNe)	Accepted with modification
C129-R1	Proposal to add data model framework for draft Recommendation ITU Q.Scvh-iopt	Accepted with modification
C139-R1	Proposal for updating clause 4 and clause 8 in draft ITU-T Q.N-att-framework	Accepted
C140-R1,	Proposal for updating ToR of Q14/11	Accepted
C144	Proposal to start a new work item on interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway	Accepted with modification
C186-R1	Proposal to initiate a new work item on functional testing of Desktop as a Service	Accepted with modification
C207-R1	Proposal to advance baseline text of draft ITU-T Recommendation Q.N-att-framework “Framework of NFV automated testing”	Accepted with modification

5 Work programme

The SG11 Work Programme can be found at:

https://www.itu.int/itu-t/workprog/wp_search.aspx?sg=11

5.1 New/deleted work items

The following work items were started:

Q	WI acronym	Title	Baseline text
14/11	Q.vbng-pup-iopt	Interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway	TD406/GEN
14/11	Q.ITDaaS	Interoperability testing between CSP and CSC for DaaS(Desktop as a Service)	TD408/GEN
14/11	Q.NGNe-O-iopt	Interoperability testing of orchestration in next generation network evolution (NGNe)	TD410/GEN

Note: the A.1 description of the proposed new work items is to be found in Annex B.

5.2 Updated work programme

In accordance with the [WORK PROGRAMME DATABASE](#), the current work items for Q14/11 are as follows (*the requested changes are shown in red*):

Q	Work Item	Title	Editors	Timing	Base Text
14/11	Q.BaaS-iop-reqts	Interoperability testing requirements of blockchain as a service	Xiaoou Liu (China Telecom)	Q4-2023	SG 11-TD405/GEN

			<p>Zheng Huang (ZTE Corporation)</p> <p>Wei Liang (China Telecom)</p> <p>Jingwen Li (China Telecom)</p>		
14/11	Q.N-att-framework	Framework of NFV automated testing	<p>Linze Wu (China Telcom),</p> <p>Krishna Kumar Lahoti (Criterion Network Labs)</p>	Q4-2023	SG11-TD403/GEN
14/11	Q.Scvh-iopt	Interoperability testing between SDN and hypervisor based computing virtualization	<p>Huilei Ren (China Telecom),</p> <p>Linze Wu (China Telecom),</p> <p>Baohong Lin (China Telecom)</p>	Q3 2024	SG11-TD404/GEN
14/11	Q.vbng-pup-iopt	Interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway	<p>Daoning Lai (China Telecom),</p> <p>Xia Gong (China Telecom),</p> <p>Yuhua Zhang (MIT),</p> <p>Junfeng Ma (MIT),</p> <p>Aipeng Guo (China Unicom)</p>	Q4 2025	TD406/GEN
14/11	Q.ITDaaS	Interoperability testing between CSP and CSC for DaaS(Desktop as a Service)	<p>Hang Li (China Telecom),</p> <p>Dandan Sun (China Telecom),</p> <p>Linze Wu (China Telecom),</p> <p>Tangqing Liu (China Mobile)</p>	Q4 2025	TD408/GEN

14/11	Q.NGNe-O-iopt	Interoperability testing of orchestration in next generation network evolution (NGNe)	Luman Wang (China Telecom), Huan Deng (China Telecom), Nanxiang Shi (China Mobile)	Q4 2025	TD410/GEN
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6 Future meetings

6.1 Question meetings at the next SG11 meeting

Q14/11 is planning to meet again during the next ITU-T SG11 meeting (Geneva, 10-20 October 2023, TBC). Annex D highlights proposals for Q14/11 sessions during next SG11 meeting.

The objectives of the next Q14/11 meeting are:

- Progress on going draft;
- Consent Q.N-att-framework and Q.BaaS-iop-reqts;
- Discuss Q14/11's ToR of next study period;
- Discuss new work item introduced by contributions if any;
- But are not limited to.

Details will be posted on the ITU-T SG11 website: <http://itu.int/go/tsg11>.

6.2 Interim Rapporteur Group meetings

Q14/11 proposes to organize the following interim Rapporteur Group meetings for approval by SG11 (see Annex E):

Q	Date	Place / Host	Terms of Reference	Contact
14/11	27-28 July, 2023	E-meeting	<ul style="list-style-type: none"> - Progress on going draft Q.N-att-framework and Q.BaaS-iop-reqts; - But are not limited to. 	<p style="text-align: center;">Linze Wu wulinz@chinatelecom.cn</p>

Details will be circulated through e-mail reflector t22sg11q14@lists.itu.int and will be posted on the ITU-T SG11 Rapporteur Group meetings website:

<https://www.itu.int/net/ITU-T/lists/rgm.aspx?Group=11&type=interim>.

7 Other business

None

Annex A

List of contributions addressed to Q14/11

C	Source	Title
C113	China Telecommunications Corporation	Q.BaaS-iop-reqts: Proposal for updating the text of clause 9, clause 10 and appendix I
C123	China Telecommunications Corporation	Proposal to initiate a new work item on interoperability testing of orchestration in next generation network evolution(NGNe)
C129-R1	China Telecommunications Corporation	Proposal to add data model framework for draft Recommendation ITU Q.Scvh-iopt
C139-R1	China Telecommunications Corporation	Proposal for updating clause 4 and clause 8 in draft ITU-T Q.N-att-framework
C140-R1	China Telecommunications Corporation	Proposal for updating ToR of Q14/11
C144	China Telecommunications Corporation	Proposal to start a new work item on interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway
C186-R1	China Telecommunications Corporation	Proposal to initiate a new work item on functional testing of Desktop as a Service
C207-R1	China Telecommunications Corporation	Proposal to advance baseline text of draft ITU-T Recommendation Q.N-att-framework “Framework of NFV automated testing”

Annex B

A.1 justification for proposed draft new Recommendation ITU-T Q.vbng-pup-iopts

Question:	14/11	Proposed new ITU-T Recommendation	Geneva, 10-19 May 2023
Reference and title:	Q.vbng-pup-iopts “Interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway”		
Base text:	TD406/GEN	Timing:	2025-12
Editor(s):	Daoning Lai, China Telecom, China Email: laidn@chinatelecom.cn Xia Gong, China Telecom, China Email: gongxia@chinatelecom.cn Yuhua Zhang, MIIT, China Email: zhangyuhua@caict.ac.cn Junfeng Ma, MIIT, China Email: majunfeng@caict.ac.cn Aipeng Guo, China Unicom, China E-mail: guoap7@chinaunicom.cn	Approval process:	AAP
<p>Scope (defines the intent or object of the Recommendation and the aspects covered, thereby indicating the limits of its applicability):</p> <p>This draft Recommendation specifies the interoperability testing suite for cloud-based control plane and pooled user plane of virtualized broadband network gateway. The following aspects are addressed in this Recommendation:</p> <ul style="list-style-type: none"> • Overview of interoperability testing of cloud-based control plane and pooled user plane of vBNG. • Interoperability testing cases between cloud-based control plane and pooled user plane. • Interoperability testing cases between different pooled user planes. 			
<p>Summary (provides a brief overview of the purpose and contents of the Recommendation, thus permitting readers to judge its usefulness for their work):</p> <p>With the adoption of NFV and cloud computing technology, through cloudization of the control plane and pooling of the user plane, the session number, bandwidth utilization and reliability of the vBNG can be improved.</p> <p>Q.BNG-PUP specifies the signaling requirements for cloud-based control plane and pooled user plane of vBNG(Broadband Network Gateway). This draft Recommendation aims to specify the interoperability testing suite for cloud-based control plane and pooled user plane of vBNG based on the service procedure and backup mechanism defined in Q.BNG-PUP.</p>			
<p>Relations to ITU-T Recommendations or to other standards (approved or under development):</p> <p>Q.3719, Q.4064, Q.BNG-PUP, IETF RFC8772, BBF TR-459</p>			
<p>Liaisons with other study groups or with other standards bodies:</p> <p>IETF, BBF</p>			
<p>Supporting members that are committing to contributing actively to the work item:</p> <p>China Telecom, MIIT China, China Unicom</p>			

A.1 justification for proposed draft new Recommendation ITU-T Q.ITDaaS

Question:	14/11	Proposed new ITU-T Recommendation	Geneva, 10-19 May 2023
Reference and title:	Q.ITDaaS “Interoperability testing between CSP and CSC for DaaS(Desktop as a Service)”		
Base text:	TD408/GEN	Timing:	December, 2025
Editor(s):	Hang Li, China Telecom, China lih63@chinatelecom.cn Dandan Sun, China Telecom, China sundd@chinatelecom.cn Linze Wu, China Telecom, China wulinz@chinatelecom.cn Tangqing Liu, China Mobile, China liutangqing@chinamobile.com	Approval process:	AAP
<p>Scope (defines the intent or object of the Recommendation and the aspects covered, thereby indicating the limits of its applicability):</p> <p>The scope of this recommendation includes, but is not limited to:</p> <ol style="list-style-type: none"> (1) QoE testing of DaaS (2) Performance testing of DaaS (3) Scalability testing of DaaS (4) High availability testing of DaaS (5) Authentication management testing of DaaS (6) Transaction testing of DaaS 			
<p>Summary (provides a brief overview of the purpose and contents of the Recommendation, thus permitting readers to judge its usefulness for their work):</p> <p>This draft Recommendation focuses on the interoperability testing of Desktop as a Service between CSP and CSC according to the framework, capability requirements, functionalities and reference points defined in ITU Y.3503 and ITU-T Y.3504, to verify the DaaS functional ability to build, configure, manage, store, execute, and deliver users' desktop functions remotely to cloud service customers.</p>			
<p>Relations to ITU-T Recommendations or to other standards (approved or under development):</p> <p>ITU Y.3503, ITU-T Y.3504, ITU-T Q.4040</p>			
<p>Liaisons with other study groups or with other standards bodies:</p> <p>SG13</p>			
<p>Supporting members that are committing to contributing actively to the work item:</p> <p>China Telecom, China Mobile, China unicom</p>			

A.1 justification for proposed draft new Recommendation ITU-T Q.NGNe-O-ipt

Question:	14/11	Proposed new ITU-T Recommendation	Geneva, 10-19 May 2023
Reference and title:	Q.NGNe-O-ipt “Interoperability testing of orchestration in next generation network evolution (NGNe)”		
Base text:	TD410/GEN	Timing:	December, 2025
Editor(s):	Luman Wang, China Telecom, China wanglm6@chinatelecom.cn Huan Deng, China Telecom, China denghuan@chinatelecom.cn Nanxiang Shi, China Mobile, China shinanxiang@chinamobile.com	Approval process:	AAP
<p>Scope (defines the intent or object of the Recommendation and the aspects covered, thereby indicating the limits of its applicability):</p> <p>The scope of this recommendation includes, but is not limited to:</p> <ol style="list-style-type: none"> (1) Overview of interoperability testing of orchestration in NGNe (2) Interoperability testing between NGNe orchestration and Cloud Management System (3) Interoperability testing between NGNe orchestration and Network Function Virtualization Orchestrator (4) Interoperability testing between NGNe orchestration and Software Defined Network Orchestrator (5) Interoperability testing between NGNe orchestration and NGNe-Network Management System 			
<p>Summary (provides a brief overview of the purpose and contents of the Recommendation, thus permitting readers to judge its usefulness for their work):</p> <p>By adopting the notion of orchestration in NGNe, end to end orchestration between traditional network devices and SDN/NFV enabled networks could be obtained, and the coordination between the cloud and the network could also be achieved. The orchestration in NGNe has already been studied in SG13 and SG11 including ITU-T Y.2323 (Requirements and capabilities of orchestration in NGNe), ITU-T Y.2324 (Functional architecture of orchestration in NGNe.) and ITU-T Q.3058 (Signalling architecture of orchestration in NGNe.), which standardized the requirements and capabilities, functional architecture and signalling architecture of NGNe orchestration. Interoperability testing of orchestration in NGNe is to verify that NGNe orchestration can interact with NMS, SDNO, NFVO and CMS as expected to support coexistence and corporation of traditional network and SDN/NFV enabled networks and cloud computing platforms. To ensure the interoperability of NGNe orchestration, guideline for general testing requirements, objective and specification test procedures are needed.</p> <p>This draft Recommendation focus on interoperability testing of orchestration in NGNe with NMS, SDNO, NFVO and CMS according to the framework, capability requirements, functionalities and reference points defined in ITU Y.2323, ITU-T Y.2324 and ITU-T Q.3058. This draft Recommendation would provide reference for standardizing the service interface between NGNe orchestration and coordinated networks, achieving end to end orchestration and improving the deployment efficiency.</p>			
<p>Relations to ITU-T Recommendations or to other standards (approved or under development):</p> <p>ITU-T Y.2323, ITU-T Y.2324, ITU-T Q.3058</p>			
<p>Liaisons with other study groups or with other standards bodies:</p> <p>SG13</p>			
<p>Supporting members that are committing to contributing actively to the work item:</p> <p>China Telecom, China Mobile, China Unicom</p>			

Annex D

Plans of Q14/11 sessions during next SG11 meeting (Geneva, 10-20 October 2023, TBC)

(First week)

	Tuesday, 10 October 2023					Wednesday, 11 October 2023					Thursday, 12 October 2023					Friday, 13 October 2023				
	0	1	2		5	0	1	2		5	0	1	2		5	0	1	2		5
SG11 PLEN																				
Newcomers									2R											
BSG training		1R	1R																	
Q14/11							R	R				R					R	R		
CASC												R	R							
NSP-WTSA										R	R									
Workshop																				

Sessions times:
0 – 0830-0930; 1 – 0930-1045; 2 – 1115-1230; Lunch 1230-1430; 3 – 1430-1545; 4 – 1615-1730; 5 – 1800-1915

Keys: - webcast
R – remote participation via ITU MyMeetings
NSP-WTSA: SG11 sessions on preparation for WTSA-2024
1: “Bridging the Standardization Gap (BSG) Hands-on Training Session”, 10 October 2023, 0930 – 1130 hours, Geneva time
2: Newcomers session, 11 October 2023, 1240-1400 hours, Geneva time
Workshop: ITU Workshop Episode 2 on combating counterfeiting, 13 October 2023

(Second week)

	Monday, 16 October 2023					Tuesday, 17 October 2023					Wednesday, 18 October 2023					Thursday, 19 October 2023					Friday, 20 October 2023					
	0	1	2		5	0	1	2		5	0	1	2		5	0	1	2		5	0	1	2		5	
SG11 PLEN																										
WPs/11 PLEN																	R	R		R	R					
Q14/11		R	R				R																			
NSP-WTSA				R	R									R	R											

Sessions times:
0 – 0830-0930; 1 – 0930-1045; 2 – 1115-1230; Lunch 1230-1430; 3 – 1430-1545; 4 – 1615-1730; 5 – 1800-1915

Keys: - webcast
R – remote participation via ITU MyMeetings

Annex E

Proposed Time Schedule for interim Rapporteur Group meetings

Q14/11 Interim RGM e-meetings (27-28 July 2023)

	Thursday, 27 July 2023					Friday, 28 July 2023						
	0	1	2	3	4	5	0	1	2	3	4	5
Q14/11		E	E					E				
<p>Sessions times (Geneva time)</p> <p>Session 0: 0900-1015; Session 1: 1030-1145; Session 2: 1200-1315;</p> <p> Session 3: 1330-1445; Session 4: 1500-1615;</p> <p> Session 5: 1630-1745</p>												
<p>Keys: E – e-meeting via ITU MyMeetings</p>												
