PF2 General

The plugfest will take place in five venues with different scopes - **only O-RAN members and contributors can participate in the plugfest**.

Region	Plugfest venue	Name of plugfest	Hosts	Contact	High-level scope	News/updates

Asia	China	O-RAN Plugfest/PoC in Beijing	China Telecom, China Mobile, China Unicom	Liu Yang (liuyang19 @chinatelecom.cn)	• Multi-vendor interoperability testing for indoor scenario
					  • OpenFH decoupling
					  • SW/HW decoupling
					• Performance and Function evaluation of O-RU as well as FH interface conformance test by the involvement of O-DU simulator
					• Proof of concept of testing of RIC, e.g. E2 interface	

	India	O-RAN Plugfest/PoC in India	~~Reliance Jio,~~ Airtel	~~Uday Joshi (Uday. N.Joshi@ril.com);~~
				
				Santram Vashist (santram. vashist@airtel.com)
					• Management and orchestration with elements of Radio Intelligent Controller (RIC) along with O-RAN compliant O-RU and O-DU. Productization of relevant O-RAN compliant components for operator deployment scenarios
					  • Cloud based management and orchestration along with RIC for 5G deployment scenarios
					• Interoperability/interworking of flexible O-RAN compliant O-RUs/O-DUs for mMIMO and micro-cell scenarios
					  • O-RUs/O-DUs interworking with C/U/S/M plane
					• RIC interworking/Interoperability with O-RUs/O-DUs
					  • Interoperability of O-RAN WG3 Spec based RIC with O-DU
					• Open X2 for NSA deployment
						• Reliance Jio has withdrawn from hosting of the plugfest

	Japan	O-RAN Plugfest/PoC in Japan	NTT DOCOMO, KDDI, SoftBank	Anil Umesh (umesy u@nttdocomo.com)	• Multi-vendor interoperability testing
					  • IUT1: Open Fronthaul; DUT: O-RU, O-DU
					  • IUT2: Open X2; DUT: gNB, eNB
					• Proof of concept of RIC, e.g. E2 Closed loop RAN Resource Control and Network Slicing	

Europe	Europe	Joint European O-RAN & TIP Plugfest/PoC	British Telecom, Facebook (TIP), Deutsche Telekom, Orange, Telecom Italia, Telefonica	Petr Jurcik (petr. jurcik@t-mobile.cz)
				
				Marco Caretti (marc o. caretti@telecomitali a.it)
					• Enable cooperation/synergy between OTIC and TIP Community Labs
					• O-RAN + TIP joint community test cases and scenarios
					• Multi-vendor interoperability functional and performance testing
					  • IUT: OpenFH (eCPRI); DUT: O-RU, O-DU
					  • O-RU/O-DU deployment in separated locations with different transport options
					  • Lab as well as over-the-air (field) deployment scenarios
					• Functional and performance testing (O-RU/O-DU in isolation using emulators)
					• Proof of concept of remote interoperability testing of non-time critical interfaces, e.g. M-plane
						• call for participation closed (June 5)

America	North America	Joint O-RAN & OSC Plugfest/PoC in Innovation Zone East www.cosmos-lab.org/ Innovation Zone West https://powderwireles s.net/	AT&T, Bell Canada, Verizon	Tracy van Brakle (tv 8394@att.com)	• O-RAN + SMO "MVP" joint test cases and scenarios • Based on OSC release B (September) and release C (December) • Multi-operator/multi-vendor resource pooling + dynamic 5G slicing for SnR (Search and Rescue) scenario; Wide Area Optimization (WAO) • 3.5 GHz Citizens Broadband Radio Service (CBRS) band with O1/A1 to coordinate spectrum usage in conjunction with SAS • IUT: A1(Non-RT/Near-RT RIC), O1, O2, E2	

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O-RAN call for participation was published on April 27, 2020. The responses are collected in each plugfest venue (by plugfest hosts).

Each plugfest venue is organized independently by relevant hosts, e.g. selection of participants, definition of test cases, implementation of test cases, integration and testing, results evaluation, reports. No coordination from O-RAN TIFG. Updates and progress should be regularly reported /presented to O-RAN TIFG.

Documents

O-RAN Rules of Engagement	• "***Participation in the O-RAN PlugFest means agreement to these Rules of Engagement***." • All plugfest participants (from all plugfest venues) must be registered at …. *TBD*, and confirm reading of (agreement with) O-RAN Rules of Engagement	Rules of Engagem... 2020 Final .pdf

Results - publication/presentation of the plugfest results

O-RAN wiki (TIFG) – presentations/videos folders

- Each venue has been assigned own folder with sub-folders for presentations (reports) and videos/pictures from plugfest venue
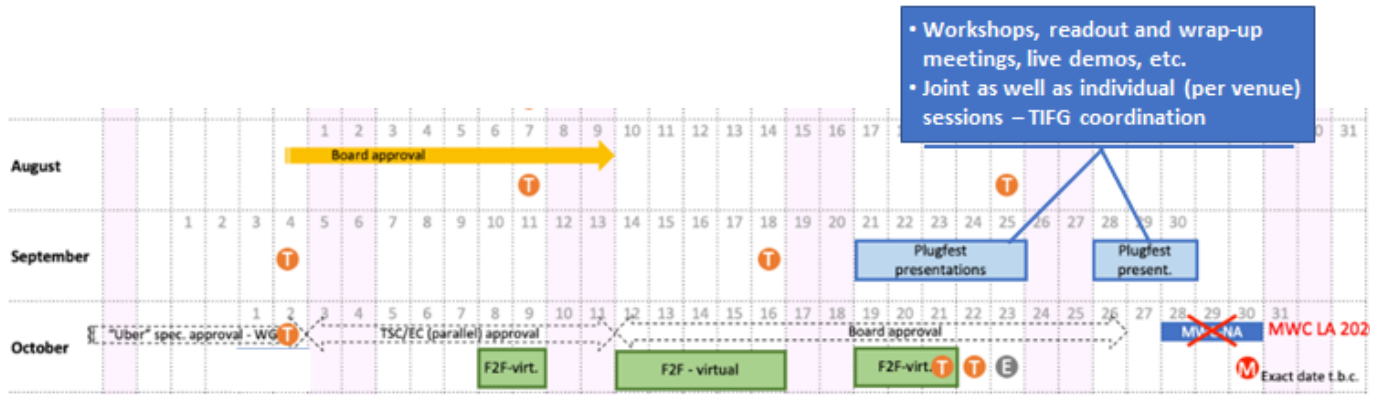- Access restricted to O-RAN members/contributors only

O-RAN web (www.o-ran.org) – public plugfest promo video (examples at https://www.o-ran.org/videos)

- O-RAN Alliance plans to produce a joint plugfest promo video compiled from videos/photos collected from all plugfest venues
- Plugfest organizers/hosts are responsible for shooting the videos/photos from the plugfest venue (both testing and presentation) and provide them to O-RAN Alliance for producing the O-RAN plugfest promo video.
- The professional quality of videos/photos should be ensured - it is highly recommended to contract a professional agency to shoot the videos/photos (the agency can be also covered from O-RAN budget support)
- The videos/photos from each plugfest venue should be uploaded to - *the information about the storage place where to upload the video /photos will be provided later on – please store all the videos/photos locally for now.*
- **The total length of all videos from one plugfest venue is limited to 30 minutes, and total number of photos from one plugfest venue is limited to 100**. Please select and upload only the best photos and videos.
- The requirements on recorded video
    - MP4 latest codec
    - minimum resolution 1920x1080
    - tripod or gimbal stabilization for the camera
    - landscape (wide) format 16:9
    - neutral one-color background (optimal white)
    - video must not start with black screen
    - every recording has to start with a clapboard including demo name, number (identification) and the name of plugfest location /venue (China, Europe, Japan, India, North America)
    - never start any talking/audio before 3 sec after starting the recording

O-RAN web (www.o-ran.org) – public plugfest slide deck

- joint slide deck (2-3 high-level summary slides per venue)

Time plan - presentations

O-RAN Schedule of Meetings and Specification Approvals

The presentation and demonstration of results and outcomes (incl. workshops, readout and wrap-up meetings) will take place **from September 21 to September 30, 2020 (8 working days).**

The worldwide time slots (3 hours) for the joint plugfest meeting/call

- 10:00 - 12:00 AM Japan (JST)
- 9:00 - 10:00 PM China (CST)
- 6:30 - 8:30 PM India (IST)
- 3:00 - 500 PM Europe (CEST)
- 9:00 - 11:00 AM North America (EST)
- 6:00 - 8:00 AM North America (PDT)

Japan	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	12:00 AM
China	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
India	9:00 PM	10:00 PM	11:00 PM	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM
Europe	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM
North America (EST)	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	*11:00 AM*
North America (PDT)	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	12:00 AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM

Questions and Answers

please include author of the question/answer

	Questions	Answers	Status - Open /Close - partially answered
1	- Do plugfest participants need to sign some plugfest agreement (memorandum of understanding, NDA)? - If so, will O-RAN provide such an agreement? When? - Who should cover the insurance in the lab (in case of an injury)? - Who will sign the plugfest agreement with the participants (O-RAN? - who is O-RAN representative with the right to sign)? (@ Petr Jurcik @ Anil Umesh)	**Participation at the Plugfest is only allowed for O-RAN Members and Contributors.** There are **Rules of Engagement (RoE)** for Plugfest participants, proposed by O-RAN (currently under review by the EC). These Rules will apply to all plugfests. In addition, the terms and conditions for the O-RAN membership apply to the plugfests. If the plugfest takes place at any OTIC/lab it is the own responsibility of host(s) to take out the insurance (OTIC/lab is responsible for proper insurance). Each plugfest participant must accept the Rules of engagement electronically or in writing. Each plugfest participant must confirm the acceptance of the RoE at this wiki page: …(to be prepared by @ Zbynek Dalecky) No additional plugfest/participation agreement need to be signed between O-RAN Alliance and plugfest participants.	Open

2	Is it ok for hosts to allow plugfest partners to put their banner during the plugfest event? (@ Anil Umesh)	O-RAN Alliance recommends not to use any marketing materials during the plugfest in order to avoid preferential treatment for any of the participants.	Open
3	• Is there any budgetary support to hosts for Plug-fest? • If so, what are the requirements /restrictions? What is the amount? How to apply? (@ Anil Umesh @ Petr Jurcik)	There is limited budgetary support from O-RAN Alliance depending on the size and number of plugfest events or number of plugfest venues in a region, in particular for technical equipment or facility rental. Plugfest organisers/hosts can apply for budget support. The application must include itemised list of budget requirements (test equipment, room rental, video shooting, etc.) and should be addressed to the O-RAN Office. Please submit your application as soon as possible. **If you are interested in budgetary support from O-RAN, please send your budget estimation (as accurate as possible) to** O-RAN Office **by** 19 Jun 2020. This budget estimation is not the he same as aforementioned application - the purpose of this budget estimation is to help EC board with the decision on the size of O-RAN budgetary support. The budget size per plugfest/venue is up to the Board (or EC) to decide.	Open
4	• Is there any obligations/guidelines from ORAN/TIFG for participants to publish plugfest press releases, videos, results, etc.? Are these obligations/guidelines cover in the plugfest agreement (see #1)? • Does the plugfest participant's press release need to be approved by O-RAN before publication? If so, who from O-RAN will approve it? • Is it ok for plugfest participants to publish recorded plug-fest video's on their publicity media or any option for them to put it on O-RAN alliance website for publicity? (@ Anil Umesh @ Petr Jurcik)	There is no obligation for participant to publish any communication related to the plugfest. The RoE contain principles for publication of plugfest results by the participants or O-RAN. O-RAN member companies (both Members and Contributors) can communicate topics related to O-RAN in their own communication channels. Such communication is requested to be shared with O-RAN prior to the publication to allow checking on factual accuracy of O-RAN information as well as the context of the communication with regards to O-RAN. To request a review of your O-RAN-related communication, please contact O-RAN Office. Participating companies are allowed to publish recordings from the plugfest as described in the RoE. Participating companies may apply to publish the plugfest presentation or video on O-RAN website as part of the Virtual Exhibition, referring to the 2020 Plugfest. Please contact O-RAN Office	Open
5	• Will O-RAN make and publish plugfest promo video (a collection of videos /pictures from plufest venues) and presentation at https://www.o-ran.org/? • Who will collect the videos/photos from plugfest venues? • What are the minimum requirements on the video/photo?	O-RAN plans to produce a joint promotion video covering all the 2020 plugfests. As part of providing consent to the RoE, O-RAN will collect at the same time a consent from each participant to: • being recorded and published in O-RAN plugfest video • being recorded and published in any plugfest participant's video(s) Plugfest organisers are responsible for shooting the video material from the plugfest (both testing and presentation) and provide it to O-RAN for producing the O-RAN plugfest video. O-RAN will provide guidelines for video material shooting, which need to be fulfilled by each plugfest organiser to ensure substantial quality requirements. O-RAN will arrange final cut of the video covering the whole plugfest/venues.	Open (partially answered)
6			

File	Modified
DTK.AO-2020.04.07-TIFG-D-ORAN plugfest Call for Participation-v02.docx	Apr 08, 2020 by Petr Jurcik
DTK.AO-2020.04.07-TIFG-D-ORAN plugfest Call for Participation-v03.docx	Apr 15, 2020 by Petr Jurcik
DTK.AO-2020.04.07-TIFG-D-ORAN plugfest Call for Participation-v04.docx	Apr 16, 2020 by Petr Jurcik
DTK.AO-2020.04.07-TIFG-D-ORAN plugfest Call for Participation-v05.docx	Apr 21, 2020 by Petr Jurcik
DTK.AO-2020.04.07-TIFG-D-ORAN plugfest Call for Participation-v06.docx	Apr 22, 2020 by Petr Jurcik
O-RAN.TIFG.CFP2plugfest.0-v01.00.pdf	May 05, 2020 by Petr Jurcik
DTAG.AO-2020.05.27-TIFG-I-2nd O-RAN plugfest updates-v01.pptx	Jun 08, 2020 by Petr Jurcik
Time_plan.jpg	Jun 11, 2020 by Petr Jurcik

Rules of Engagement O-RAN PlugFest 2020 Final .pdf   Jul 27, 2020 by Petr Jurcik

image-20200727-151807.png   Jul 27, 2020 by Petr Jurcik

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