



INTERNATIONAL TELECOMMUNICATION UNION

**TELECOMMUNICATION  
STANDARDIZATION SECTOR**

STUDY PERIOD 2022-2024

**FG-TBFxG-LSO-003**

**FOCUS GROUP ON TESTBED  
FEDERATIONS FOR IMT-2020 AND  
BEYOND**

**Original: English**

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**WG(s):** All Virtual, 4-7 April 2022

**LIAISON STATEMENT  
(Ref.: [FG-TBFxG-O-006-R1](#))**

**Source:** Focus Group on Testbed Federations for IMT-2020 and beyond (FG-TBFxG)

**Title:** LS on the outcomes of the first meeting of the ITU-T Focus Group on Testbed Federations for IMT-2020 and beyond (FG-TBFxG)

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**LIAISON STATEMENT**

**For action to:** -

**For information to:** All ITU-R, ITU-T and ITU-D Study Groups; ITU-R WP5A; ITU-R WP5D; all ITU-T Focus Groups; BBF; CableLabs; ETSI TC INT; IEEE FNI Testbeds WG; IEEE INGR Future Networks; NGMN; NIST Advanced Networking Technologies Division (ANTD); O-RAN; TIP; TM Forum; OMG; IPv6 Forum; GSMA; ONAP; OPNFV; CCSA; ETSI ISG IPE

**Approval:** ITU-T FG-TBFxG meeting (virtual, 7 April 2022)

**Deadline:** N/A

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Chairman FG-TBFxG

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**Abstract:** This outgoing liaison statement aims to inform all relevant groups about the outcomes of the first meeting of the ITU-T Focus Group on Testbed Federations for IMT-2020 and beyond (FG-TBFxG) which held fully virtual from 4 to 7 April 2022.

The first meeting of FG-TBFxG was held fully virtually from 4 to 7 April 2022.

This Focus Group serves as a platform to harmonize testbeds specifications across SDOs/Fora. The FG-TBFxG is developing the required application program interfaces (APIs) aligned with the Testbeds Federations Reference Model defined in [Recommendation ITU-T Q.4068](#), developed in collaboration with ETSI TC INT. Also, the Focus Group will define a set of use cases for Federated Testbeds and APIs.

FG-TBFxG encourages all involved stakeholders, SDOs/Fora, to participate in the Focus Group activities and to:

1. Contribute to the development of the APIs being prescribed by the Testbeds Federations Reference Model;
2. Share the burden on APIs Specifications and Standardization and on Roadmaps in a harmonized and collaborative way;
3. Develop New use cases and services for Testbeds Suppliers that derive from the Testbeds Federations Reference Model and associated APIs, such as “Testbed-as-a Service” (TaaS).

The Focus Group plays a role in providing a platform to share views, to develop a series of deliverables and it also offers a platform to players who wish to share their initiatives and projects aligned with the outlined vision and the desired Ecosystem on Testbeds Federations. The Focus Group is developing Specifications that may become a basis for further Standardization in the area of Testbeds Federations.

The FG-TBFxG encourages collaboration with SDOs/Fora, Research Communities, Researchers on IMT-2020 and beyond, Industry Users of Testbeds, Testbeds Suppliers for IMT-2020 Testbeds and other Testbeds, CSPs (Communications Service Providers), Network Operators, Infrastructure Vendors/Suppliers for ICT and Verticals, Open Source & Open Hardware Projects, Regulators.

During the first meeting of FG-TBFxG, a work plan was elaborated. It is available on the FG-TBFxG webpage and attached to this outgoing liaison statement.

The FG-TBFxG is open to any individual from a country that is a member of ITU and who is willing to contribute actively to the work may participate in the focus group. This includes individuals who are also members of international, regional and national organizations.

The announcement of the second meeting will be distributed over FG mailing list [fgtbf@lists.itu.int](mailto:fgtbf@lists.itu.int) (the subscription instructions are available [here](#)) and will be made available on the FG webpage (<http://itu.int/go/fgtbf>).

The FG-TBFxG looks forward to collaborating with all interested stakeholders.

**Attachments:**

1. [TBFxG-O-014-R1](#): Work plan of the FG-TBFxG – list of deliverables, 7 April 2022
  2. [TBFxG-O-015-R1](#): Report of the first meeting of ITU-T Focus Group on Testbed Federations for IMT-2020 and beyond (virtual, 4-7 April 2022)
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