MEMORANDUM OF UNDERSTANDING (MOU)

between the

TSINGHUA UNIVERSITY - QI-ANXIN JOINT RESEARCH CENTER (TQJRC)

and the

INTERNET CORPORATION FOR ASSIGNED NAMES AND NUMBERS (ICANN)

22 June 2022

MEMORANDUM OF UNDERSTANDING BETWEEN:

THE TSINGHUA UNIVERSITY - QI-ANXIN JOINT RESEARCH CENTER (TQJRC)

and

THE INTERNET CORPORATION FOR ASSIGNED NAMES AND NUMBERS (ICANN)

This Memorandum of Understanding ("MOU") is entered into between the Tsinghua University - QI-ANXIN Joint Research Center (TQJRC), a research institute engaged in cyber security research on the Internet infrastructure with its head office located at 1-213, FIT Building of Tsinghua University, Haidian District, Beijing, China; and the Internet Corporation for Assigned Names and Numbers ("ICANN") a public benefit, nonprofit corporation registered under the laws of the state of California, USA, having its registered and head office located at 12025 Waterfront Drive, suite 300, Los Angeles, CA 90094-2536, USA.

Hereinafter, TQJRC and ICANN are collectively referred to as the "Parties" and individually the "Party".

WHEREAS

- 1. TQJRC, founded in 2019, is a collaboration between the Tsinghua University and the Qi-Anxin Group, with the main objective of conducting research on the Internet infrastructure and network security, particularly on the Domain Name System (DNS).
- 2. TQJRC is committed to undertake research on the architecture of network security and technological advancements, and to deepen international cooperation in the area of cyber security.
- 3. TQJRC collaborates actively with Quad114, the largest public recursive DNS service provider which is adopted by Internet Protocol (IP) backbone networks of 16 provinces in China
- 4. ICANN's mission is to coordinate, at the overall level, the global Internet's system of unique identifiers, and in particular to ensure the stable and secure operation of the Internet's unique identifiers, and that ICANN is acting to follow its mission, commitments and core values as set forth in Articles 1.1 and 1.2 of the ICANN Bylaws.
- 5. ICANN has five regional offices located in Los Angeles (headquarters), Brussels, Istanbul, Montevideo, and Singapore. As a global multistakeholder organization, ICANN facilitates the security, stability and resiliency of the Internet's unique identifier systems through coordination and collaboration.

- 6. ICANN, as a global multistakeholder organization, is committed to perform its role in an open, accountable and transparent manner, and inclusive of the diversity of stakeholders in the greater Internet ecosystem.
- 7. The cooperation between the Parties would further common objectives, promote twoway collaboration, particularly enable connectivity in computer networks and to foster the continued expansion of interoperable networks and the deployment of information and communication technology.

NOW, THEREFORE, for purposes of seeking increased cooperation and collaboration, the Parties have agreed to enter into this MOU, under the following terms:

Article 1

Objectives and Areas of Cooperation

The objective of this MOU is to explore opportunities to build a non-exclusive cooperation mechanism between the Parties, with the aim to collaborate on technical research and engagement activities, and participation in ICANN activities by the wider community in China, in accordance with and as appropriately limited within their respective Bylaws and missions.

The establishment of a mutual framework for cooperation will facilitate the cooperation between the Parties in areas of common interests, with the aim to explore cooperation and possibilities for greater complementarity, subject to the respective internal objectives, functions, policies and procedures of the Parties.

Article 2

Nature of Commitments

This MOU is a non-binding statement of the mutual intentions of the Parties. The execution of any specific activities or projects under this MOU will require the signing of a separate and formal agreement between the Parties documenting the relevant activity or project and outlining each party's obligations thereto.

The Parties will collaborate to share relevant information to enhance collaboration, including publication, surveys, reports and research findings. Nonetheless, neither Party is under the obligation to share its own confidential information if it deems that sharing such information would be contradictory to its institutional or business interests, or its rights.

Article 3

Scope of Cooperation

The Parties to this MOU will explore and identify opportunities to build an effective, practical and cooperative working relationship in identified areas of common interests, as well as ways and means for carrying out such joint cooperation efforts. Any exchange of information concerning projects or programs of the Parties shall be subject to the policies and procedures of the respective organizations.

Within their respective remits, possible areas of cooperation between the Parties hereunder may include the following (but not be limited to):

3.1 Educational and Capacity-Building Activities

• Jointly promote DNS-related training and facilitate a wider participation of members of the Chinese community.

3.2 Community Outreach and Engagement Activities

 Joint development of community outreach and engagement activities, such as community discussions and capacity development sessions. TQJRC will provide the facilities for the above purposes.

3.3 Technical Collaboration and Research

 Jointly identify, design and conduct research projects on relevant topics including but not limited to the measurement of the adoption of DNSSEC, encrypted DNS and other defensive security mechanisms, and the detection of DNS security threats/abuse activities.

Article 4

Implementation and Implementation Metrics

The execution of any specific activities, programs and/or projects under this MOU may require the signing of a separate and formal agreement between the Parties documenting the relevant activity, program and/or project and outlining each Party's obligations thereto.

The Parties may also explore and identify the various reporting criteria to be assessed under this MOU (e.g., the number of joint events organized).

Article 5

Financial Commitments

The Parties agree to use their own funds or financial resources to fulfil their respective responsibilities under this MOU. This MOU shall not cause any financial obligations on any one of the Parties hereto as a result of enforcing any of its rights or executing any of its obligations hereunder.

Article 6

Intellectual Property

Intellectual property arising out of this MOU ("Intellectual Property") shall belong to the corresponding Party that creates the protected work. The Party which intends to use, distribute or publish the Intellectual Property must obtain the prior written consent of the other Party.

All materials provided by one Party ("the Disclosing Party") to the other ("the Receiving Party") shall remain the property of the Disclosing Party, unless otherwise agreed. The Receiving Party may use these materials with the prior written consent of the Disclosing Party.

Neither Party may use the logo, name and/or trademarks of the other Party without its prior written approval. No right or interest of any of the Parties is hereby assigned, transferred, licensed or granted under any patents, trademarks or other intellectual property rights, by virtue of this MOU.

Article 7

Confidentiality Considerations

Each Party agrees to take all necessary measures to maintain the confidentiality of information provided by the other Party, including where it involves their representatives, employees, subcontractors and, more generally, their officers. In the event that it may be deemed appropriate during the collaboration of the Parties, the Parties may enter into appropriate confidentiality agreements governing each Party's responsibility for handling the confidential information of the other Party.

Article 8

Exclusion of Liabilities

For avoidance of doubt, no breach of an obligation contained in this MOU or performance or non-performance under this MOU shall give rise to any monetary liability by one party to another.

Article 9

Communications and Notices

For the purpose of facilitating the implementation of the working arrangements to be established by the Parties in the framework of this MOU, the contacts for communication in the first instance for the Parties will be:

For ICANN

Attn: Jian-Chuan Zhang, Head of China with a required copy to office of the General Counsel 12025 Waterfront Drive, Suite 300 Los Angeles, CA 90094 USA

Tel: +1 (310) 301 5800

Email: jianchuan.zhang@icann.org

For TQJRC

Attn: Haixin Duan, Professor & Director Room 1-213, FIT Building Tsinghua University Haidian District, Beijing 100084 China

Tel: +86 (10) 62603220

Email: duanhx@tsinghua.edu.cn

Either Party may, by notice in writing to the other party, designate additional representatives or substitutes of their representatives for those designated in this Article.

Any press release, public announcement or public statement of any kind by a Party regarding this MOU or the projects and/or efforts contemplated herein requires the prior consultation with and written consent of the other Party, which consent shall not be unreasonably delayed or withheld.

Article 10

Disputes Resolution

Any disputes or difference that may arise between the Parties hereto, relating to the interpretation and/or implementation of this MOU, shall be amicably settled between the Parties through negotiation and consultation means.

Article 11

Amendments

This MOU may be amended with the written consent of both Parties. Any such amendment shall form an integral part of this MOU, and shall take effect as the date of signature thereof.

Article 12

Term of Validity, Duration and Termination

This MOU shall enter into force on the date of its signature by both parties and remains in effect until terminated by either Party, at their sole discretion, sending an advance written notice to the other. This MOU shall terminate six (6) months after the date of such notice.

Notwithstanding its termination, the provisions of this MOU shall survive to the extent necessary to permit an orderly settlement of accounts between the Parties and to bring ongoing activities to a proper close.

Article 13

Assignment or Transfer to Third Parties

The responsibilities of the Parties under this MOU are not assignable or transferable except as provided herein. Any attempt to transfer, including by operation of law, is void unless there is a prior written approval of both Parties.

Article 14

Privileges, Immunities and Facilities of the Parties

Nothing in this MOU may be interpreted or construed as a waiver, express or implied, or a modification, of the privileges, immunities and facilities which TQJRC and ICANN enjoy by virtue of other international agreements and national laws applicable to each.

Article 15

Compliance with Laws

Notwithstanding the provision of Article 3 herein, nothing in this MOU obligates either Party or its affiliates to engage in or support transactions or activities contrary to or in violation of any of the laws applicable to either Party or its affiliates.

Article 16

Relationship Between the Parties

The Parties hereto are independent and separate entities. Neither is a partner, agent or employee of the other. Neither Party shall have authority to make any statements, representations or commitments of any kind, or to take any action that shall be binding on the other Party.

IN WITNESS WHEREOF, the Parties hereto, each acting through their duly authorized representatives, have executed this MOU with two (2) original and equally valid counterparts in the English language, on the dates indicated below:

For and on behalf of

For and on behalf of

Tsinghua University – Qi-Anxin Joint Research Center (TQJRC)

Haixin Duan

Haixin Duan

Professor and Director

TQJRC

Date: June 22, 2022

Place: Beijing, China

Internet Corporation for Assigned Names and Numbers (ICANN)

Göran Marby

President and CEO

ICANN

Date: June 28,

2022

Place: