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| **Description: Description: ítuweb**APTlogogreen3 | **HATS Interoperability event on NGN supported by ITU and APT** |  |

HATS (\*1) is pleased to inform you of the 4th HATS Interoperability event on NGN supported by ITU and APT. This event is held following HATS Interoperability Event on NGN supported by ITU-T(\*2 ,\*3) and last year’s 2nd APT/ITU Conformance and Interoperability event (\*4). This event aims to assure the interoperability of the NGN equipment which complies with ITU-T Recommendations and TTC standards. This interoperability event will be organized by HATS and use the HATS test specifications which are developed based on the ITU-T Q.3900 Recommendation series. This event will be held under the sponsorship of TTC (\*5) and CIAJ (\*6).

1. **Event Date**

14-16 July 2015

1. **Venue**

HATS Interoperability test will be held in CIAJ, Tokyo, Japan.

Communication and Information Network Association of Japan (CIAJ)

Address: 3rd Fl., JEI Hamamatsucho Bldg., 2-2-12 Hamamatsucho, Minato-ku,Tokyo 105-0013, Japan

URL: <http://www.ciaj.or.jp/en/>

It is also possible to participate by remote connection using Internet VPN.

1. **Participation**

To Participate HATS Interoperability test, please fill the attached Registration form and submit by e-mail.

HATS Non-Members are required to pay Participation Fee.

1. **Participation of HATS Non-Members:**

 Non-Members of HATS can attend this event by paying a Participation Fee of JP 50000yen per company.

1. **Outline of testing**

1) Test condition: End-to-End Multimedia service interoperability testing based on ITU-T Q.3402 NGN-UNI

2) Category of testing: VoIP, Video Phone, Video Conference, HDTV Conference

3) Terminals: SIP terminal (See Figure1)

4) Test scenarios： Basic call connection of Audio/Visual communications based on ITU-T Q.3948/Q.3949.

5) Event Schedule: 14-16 July 2015

6) Preparation Schedule:

Close of registration Fri 19 June

Cross check of parameter sheets and confirmation of test sequence　　　Mon 22 June -

7) Test configuration

8) Remote Testing: See Figure1 Remote Terminal C

UNI

UNI

SIP

RGW

SIP

RGW

NGN

network

simulator

(DHCP, SIP server, etc)

SIP

SIP

Terminal B

Terminal A

 RGW: Residential Gateway

Internet

Remote Terminal C

**Figure 1 NGN Interoperability testing configuration**

1. **Baseline standard**
2. Q.3402 as requirements to NGN UNI signalling profile
3. Q.3948 Annex C as requirements to NGN registration procedure
4. **Interoperability test suites**
5. Q.3948 as a service testing framework for VoIP at the UNI of NGN
6. Q.3949 as a service testing framework for Visual communications at the UNI of NGN
7. **Result output**

Testing result of this Interoperability event is going to be introduced by HATS home page and ASTAP workshop.

(\*1) HATS Conference: Harmonization of Advanced Telecommunication Systems

<http://www.ciaj.or.jp/hats/english/about.html>

(\*2) Result of HATS Interoperability Event on NGN supported by ITU-T

<http://www.ciaj.or.jp/hats/english/2012/event_NGN2012.html>

(\*3) Interoperability Event on NGN organized by HATS (Japan), supported by ITU

<http://www.itu.int/en/ITU-T/C-I/interop/ngn/Pages/201207.aspx>

(\*4) 2nd APT/ITU Conformance and Interoperability Event

<http://www.itu.int/en/ITU-T/C-I/interop/Pages/CI-APT-201408.aspx>

 (\*5) TTC The telecommunication technology committee

<http://www.ttc.or.jp/e/>

(\*6) CIAJ Communications and Information network Association of Japan

<http://www.ciaj.or.jp/en/>

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|  | **HATS Interoperability Event on NGN supported by ITU and APT**14-16 July 2015, Tokyo, Japan | **itu_small_logo**APTlogogreen3 |
|  |  |  |
| **REGISTRATION FORM****For Participating Companies for the NGN Interoperability Testing** |
| **Please completely fill up using CAPITAL LETTERS.**  | **Last Date of Submission:****24 June 2015** |
|  **CONTACT INFORMATION:**  |
| Company / Organization: ……………………………………………………………………………..…………………. …… Country: ……………………………………………………………………………..…………………. …… **CONTACT PERSON (for APT/ITU C&I Events):** First Name: **(Mr./Ms./Mrs./Dr.)** ………………………………..  Last Name: ….………..…………………. …….…. . Present Position (Title):……..……………………………………………………………………….……..…………………Business Address: ……..……………………………………………………………………….……..………………… ……..……………………………………………………………………….……..…………………Phone:…………………………. Fax No:……….…………………….. E-mail: …….…………………….…… |
| **MEMBERSHIP STATUS: (Please tick which is appropriate for your membership status)** |
| 1．Member of HATS  **🖵**2. Others 🖵 …….…………………….…… |
|  |
|  |
| **Signature** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| **Please Return To:**  |

**ANNEX 1**

**For Participating Companies in NGN Interoperability Testing**

Please fill the table below to describe the equipment which you will bring to the event.

**Table 1: Questionnaire for NGN Interoperability Testing**

|  |  |
| --- | --- |
| Items | Description |
| Company |  |
| Name of equipment |  |
| Baseline standard (Requirements to NGN UNI signalling profile and registration procedure) |
| Interface | □ NGN-UNI (Q.3402)□ SIP (RFC3261)□ Other(　　　　　) |
| Gateway | □ none□ HGW ( )□ SIP-RGW (crossway)□ Other(　　　　　) |
| Procedures of terminal Registration to NGN | □ Q.3948 Annex C □ Other (　　　　　) |
| Interoperability test suites (service testing framework) |
| NGN service test specifications | □　ITU-T Rec.Q.3948 (Service testing framework for VoIP at the user-to-network interface of next generation networks)□　ITU-T Rec.Q.3949 (Real-time multimedia service testing framework at the user-to-network interface of next generation networks□　Others |
| Other items |
| IP version | □ IPv4□ IPv6□ IPv4 & IPv6 |
| Signalling protocol | □ SIP(RFC3261) / SDP(RFC4566)□ Other protocols(　　　　　　　　　　　　　　　　　　　　 　) |
| Remote testing \* | □ Participating by remote testing [ Location : ] |
| Test category | □ VoIP terminal interoperability testing　□ Video phone terminal interoperability testing　□ Video Conference and HDTV Conference interoperability testing□ Others ( [　　　　　　　　　　　　　　　　　　　　　　]) |
| Specifications of equipment | Dimensions: Weight: Power consumption: |
| Notes | Please indicate any other comments |

\* Please fill ANNEX2 form.

**ANNEX 2**

**For Remote Participating Companies**

Please fill the table below to participate by remote participating.

**Table 2: Questionnaire for remote testing configurations**

|  |  |
| --- | --- |
| Items | Description |
| Company |  |
| Name of equipment  |  |
| VPN environment |
| VPN Equipment |  |
| VPN | □ IPsec□ L2TP□ Other (　　　　　) |
| Global Address | □ IPsec□ L2TP□ Other (　　　　　) |
| Private Address |  |
| Tunnel Port Number | □ IP-50 (ESP)□ UDP-500 (isakmp)□ UDP-1701 (I2TP)□ UDP-4500 (ipsec-nat-t)□ Other (　　　　　) |
| Communication Method |
| Remote Test Side | □ Public Telephone Network [TEL : ]□ Slype [ID: ]□ LINE [ID: ]□ mail [ID: ]□ Other (　　　　　) |
|  |  |
| Notes | Please indicate any other comments |



**ANNEX 3**

**NONDISCLOSURE AGREEMENT**

It is anticipated that Participants in this Event will disclose to each other Confidential Information. By participating in this Event, the Participants agree to receive and hold any Confidential Information in confidence and not to use such Confidential Information for any purpose other than participating in this Event. In this context, the terms “Confidential Information” mean any information, include prior questionnaire about the equipment information, document or data that is disclosed during the Event by a Participant and that is designated as confidential.

 **If you agree, please check below.**

**Agree.**

 **Signature** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_