

Attachment 5 - HSN Readiness Tests Result Confirmation Form on 31 Aug and 01 Sep 2019 (HK Local Time)

Notes

1. The HSN Readiness Test Result Confirmation Form should be completed and returned by email/fax to Hosting Service Desk (Email: hsservicedesk@hkex.com.hk Fax: (852) 2462-0722) after completion of all logon/connectivity tests by 6:00p.m., 02 Sept 2019
2. For enquiry, please contact Service Desk Hotline at 2211-6080

Part I HSN Subscriber Information

Subscriber Company Name:	Hosting Services Subscriber Code:
Participant ID: (Applicable to Cash Trading)	DCASS Customer Code: (Applicable to Derivatives Clearing)
HSN Primary & Secondary Circuit No: (Applicable to HSN Network Commissioning Test, can be more than one set of dual - circuits)	

Part II.a - Result declaration for Phase 1: Replace the HSN firewalls

(2:00p.m.-4:00p.m. on 31 Aug 2019) (Please tick the appropriate box if applicable)

We have successfully completed all logon/connectivity/application tests with the following applications

Yes.

<input type="checkbox"/> OCG / BSS	<input type="checkbox"/> HKATS	<input type="checkbox"/> OMD-C	<input type="checkbox"/> IIS
<input type="checkbox"/> OCG / NSTD	<input type="checkbox"/> DCASS	<input type="checkbox"/> OMD-D	<input type="checkbox"/> CCCG

No. We have encountered issues with the following applications

<input type="checkbox"/> OCG / BSS	<input type="checkbox"/> HKATS	<input type="checkbox"/> OMD-C	<input type="checkbox"/> IIS
<input type="checkbox"/> OCG / NSTD	<input type="checkbox"/> DCASS	<input type="checkbox"/> OMD-D	<input type="checkbox"/> CCCG

Connectivity issues: _____

Logon failure: _____

Others: _____

Personal Information Collection Statement

"Personal Data" in this statement has the same meaning as "personal data" in the Personal Data (Privacy) Ordinance, Cap 486 of the Laws of Hong Kong ("PDPO"). The personal data collected on this form will be used solely for the purpose of the test events and be retained for such period as may be necessary for our verification and record purposes. Please also refer to HKEX Privacy Policy Statement http://www.hkex.com.hk/Global/Exchange/Privacy-Policy?sc_lang=en.

Part II.b - Result declaration for Phase 2: Replace the Primary HSN network switches (5:00p.m.-6:00p.m. on 31 Aug 2019) (Please tick the appropriate box if applicable)

We have successfully completed all logon/connectivity/application tests with the following applications

Yes.

- | | | | |
|-------------------------------------|--------------------------------|--------------------------------|-------------------------------|
| <input type="checkbox"/> OCG / BSS | <input type="checkbox"/> HKATS | <input type="checkbox"/> OMD-C | <input type="checkbox"/> IIS |
| <input type="checkbox"/> OCG / NSTD | <input type="checkbox"/> DCASS | <input type="checkbox"/> OMD-D | <input type="checkbox"/> CCCG |

No. We have encountered issues with the following applications

- | | | | |
|-------------------------------------|--------------------------------|--------------------------------|-------------------------------|
| <input type="checkbox"/> OCG / BSS | <input type="checkbox"/> HKATS | <input type="checkbox"/> OMD-C | <input type="checkbox"/> IIS |
| <input type="checkbox"/> OCG / NSTD | <input type="checkbox"/> DCASS | <input type="checkbox"/> OMD-D | <input type="checkbox"/> CCCG |

Connectivity issues: _____

Logon failure: _____

Others: _____

Part II.c - Result declaration for Phase 3: Replace the Secondary HSN network switches (7:00p.m.-8:00p.m. on 31 Aug 2019) (Please tick the appropriate box if applicable)

We have successfully completed all logon/connectivity/application tests with the following applications

Yes.

- | | | | |
|-------------------------------------|--------------------------------|--------------------------------|-------------------------------|
| <input type="checkbox"/> OCG / BSS | <input type="checkbox"/> HKATS | <input type="checkbox"/> OMD-C | <input type="checkbox"/> IIS |
| <input type="checkbox"/> OCG / NSTD | <input type="checkbox"/> DCASS | <input type="checkbox"/> OMD-D | <input type="checkbox"/> CCCG |

No. We have encountered issues with the following applications

- | | | | |
|-------------------------------------|--------------------------------|--------------------------------|-------------------------------|
| <input type="checkbox"/> OCG / BSS | <input type="checkbox"/> HKATS | <input type="checkbox"/> OMD-C | <input type="checkbox"/> IIS |
| <input type="checkbox"/> OCG / NSTD | <input type="checkbox"/> DCASS | <input type="checkbox"/> OMD-D | <input type="checkbox"/> CCCG |

Connectivity issues: _____

Logon failure: _____

Others: _____

Part III HSN Network Commissioning Test Results (8:00p.m.-9:00p.m. on 31 Aug 2019)
(Please refer to page 4-5)

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Part IV - Result declaration for 9:00a.m. – 10:30a.m. on 01 Sep 2019 verification tests after fallback (Please tick the appropriate box if applicable)

We have successfully completed all logon/connectivity/application tests with the following applications

Yes.

OCG / BSS

HKATS

OMD-C

IIS

OCG / NSTD

DCASS

OMD-D

CCCG

No. We have encountered issues with the following applications

OCG / BSS

HKATS

OMD-C

IIS

OCG / NSTD

DCASS

OMD-D

CCCG

Connectivity issues:

Logon failure:

Others:

Signature:

Name of Primary Point of Contact:

Date:

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Part III HSN Commissioning Test Results (8:00p.m.-9:00p.m. on 31 Aug)

Summary of Tests: (reference to HSN Commissioning Test Plan for New HSN Network)

Section 6.1 BGP Peer and Advertisement Status Verification for New HSN (Please circle the test performed)

Description	Result
All BGP peers status in established status and BGP advertisement is correct.	Y / N

Section 6.2 HKEX Unicast Host Connectivity Verification (Please circle the test performed)

IIS OMD-C & OMD-CC HKATS / DCASS OCG/BSS OCG/NSTD CCCG OMD-D

Description	Result
All host routes received from HSN ports.	Y / N / NA
Ping successfully from OG VLAN segment to HSN host segment with zero packet loss.	Y / N / NA
Ping successfully from IIS VLAN segment to HSN host segment with zero packet loss.	Y / N / NA
Ping successfully from OMD-C VLAN segment to HSN host segment with zero packet loss.	Y / N / NA
Ping successfully from HKATS VLAN segment to HSN host segment with zero packet loss.	Y / N / NA
Ping successfully from OCG/BSS VLAN segment to HSN host segment with zero packet loss	Y / N / NA
Ping successfully from OCG/NSTD VLAN segment to HSN host segment with zero packet loss	Y / N / NA
Ping successfully from CCCG VLAN segment to HSN host segment with zero packet loss.	Y / N / NA
Ping successfully from OMD-D VLAN segment to HSN host segment with zero packet loss.	Y / N / NA

Section 6.3 Multicast Traffic Verification under normal scenario (Please circle the test performed)

OMD-C & OMD-CC OMD-D

Description	MC Result
For OMD-C & OMD-CC, successfully receive simulated multicast data from HSN for both primary and secondary link.	Y / N / NA
For OMD-D, successfully receive simulated multicast data from HSN for both primary and secondary link.	Y / N / NA

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Section 6.4.1 Primary Link Failover Verification (Please circle the test performed)

IIS OMD-C & OMD-CC HKATS / DCASS OCG/BSS OCG/NSTD CCCG OMD-D

Description	UC Result	MC Result
Expected results achieved for IIS.	Y / N / NA	NA
Expected results achieved for HKATS / DCASS.	Y / N / NA	NA
Expected results achieved for OCG/BSS.	Y / N / NA	NA
Expected results achieved for OCG/NSTD.	Y / N / NA	NA
Expected results achieved for CCCG.	Y / N / NA	NA
Expected results achieved for OMD-C & OMD-CC.	Y / N / NA	Y / N / NA
Expected results achieved for OMD-D.	Y / N / NA	Y / N / NA

Section 6.4.2 Secondary Link Failover Verification (Please circle the test performed)

IIS OMD-C & OMD-CC HKATS / DCASS OCG/BSS OCG/NSTD CCCG OMD-D

Description	UC Result	MC Result
Expected results achieved for IIS.	Y / N / NA	NA
Expected results achieved for HKATS / DCASS.	Y / N / NA	NA
Expected results achieved for OCG/BSS.	Y / N / NA	NA
Expected results achieved for OCG/NSTD.	Y / N / NA	NA
Expected results achieved for CCCG.	Y / N / NA	NA
Expected results achieved for OMD-C & OMD-CC.	Y / N / NA	Y / N / NA
Expected results achieved for OMD-D.	Y / N / NA	Y / N / NA

Signature: _____

Name of Primary Point of Contact: _____

Date: _____

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Privacy Policy Statement

Hong Kong Exchanges and Clearing Limited, and from time to time, its subsidiaries (together the "Group") (and each being "HKEX", "we", "us" or "member of the Group" for the purposes of this Privacy Policy Statement as appropriate) recognise their responsibilities in relation to the collection, holding, processing, use and/or transfer of personal data under the Personal Data (Privacy) Ordinance (Cap. 486) ("PDPO"). Personal data will be collected only for lawful and relevant purposes and all practicable steps will be taken to ensure that personal data held by us is accurate. We will use your personal data which we may from time to time collect in accordance with this Privacy Policy Statement.

We regularly review this Privacy Policy Statement and may from time to time revise it or add specific instructions, policies and terms. Where any changes to this Privacy Policy Statement are material, we will notify you using the contact details you have provided us with and, where required by the PDPO, give you the opportunity to opt out of these changes by means notified to you at that time. Otherwise, in relation to personal data supplied to us through the HKEX website or otherwise, continued use by you of the HKEX website or your continued relationship with us shall be deemed to be your acceptance of and consent to this Privacy Policy Statement, as amended from time to time.

If you have any questions about this Privacy Policy Statement or how we use your personal data, please contact us through one of the communication channels set out in the "Contact Us" section below.

We will take all practicable steps to ensure the security of the personal data and to avoid unauthorised or accidental access, erasure or other use. This includes physical, technical and procedural security methods, where appropriate, to ensure that the personal data may only be accessed by authorised personnel.

Please note that if you do not provide us with your personal data (or relevant personal data relating to persons appointed by you to act on your behalf) we may not be able to provide the information, products or services you have asked for or process your requests, applications, subscriptions or registrations, and may not be able to perform or discharge the Regulatory Functions (defined below).

Purpose

From time to time we may collect your personal data including but not limited to your name, mailing address, telephone number, email address, date of birth and login name for the following purposes:

1. to process your applications, subscriptions and registration for our products and services;
2. to perform or discharge the functions of HKEX and any company of which HKEX is the recognised exchange controller (as defined in the Securities and Futures Ordinance (Cap. 571)) ("Regulatory Functions");
3. to provide you with our products and services and administer your account in relation to such products and services;
4. to conduct research and statistical analysis;
5. to process your application for employment or engagement within HKEX to assess your suitability as a candidate for such position and to conduct reference checks with your previous employers; and
6. other purposes directly relating to any of the above.

Direct marketing

Where you have given your consent and have not subsequently opted out, we may also use your name, mailing address, telephone number and email address to send promotional materials to you and conduct direct marketing activities in relation to HKEX financial services and information services, and financial services and information services offered by other members of the Group.

If you do not wish to receive any promotional and direct marketing materials from us or do not wish to receive particular types of promotional and direct marketing materials or do not wish to receive such materials through any particular means of communication, please contact us through one of the communication channels set out in the "Contact Us" section below. To ensure that your request can be processed quickly please provide your full name, email address, log in name and details of the product and/or service you have subscribed.

Identity Card Number

We may also collect your identity card number and process this as required under applicable law or regulation, as required by any regulator having authority over us and, subject to the PDPO, for the purpose of identifying you where it is reasonable for your identity card number to be used for this purpose.

Transfers of personal data for direct marketing purposes

Except to the extent you have already opted out we may transfer your name, mailing address, telephone number and email address to other members of the Group for the purpose of enabling those members of the Group to send promotional materials to you and conduct direct marketing activities in relation to their financial services and information services.

Other transfers of your personal data

For one or more of the purposes specified above, your personal data may be:

1. transferred to other members of the Group and made available to appropriate persons in the Group, in Hong Kong or elsewhere and in this regard you consent to the transfer of your data outside of Hong Kong;
2. supplied to any agent, contractor or third party who provides administrative, telecommunications, computer, payment, debt collection, data processing or other services to

HKEX and/or any of other member of the Group in Hong Kong or elsewhere; and
3. other parties as notified to you at the time of collection.

How we use cookies

If you access our information or services through the HKEX website, you should be aware that cookies are used. Cookies are data files stored on your browser. The HKEX website automatically installs and uses cookies on your browser when you access it. Two kinds of cookies are used on the HKEX website:

Session Cookies: temporary cookies that only remain in your browser until the time you leave the HKEX website, which are used to obtain and store configuration information and administer the HKEX website, including carrying information from one page to another as you browse the site so as to, for example, avoid you having to re-enter information on each page that you visit. Session cookies are also used to compile anonymous statistics about the use of the HKEX website.

Persistent Cookies: cookies that remain in your browser for a longer period of time for the purpose of compiling anonymous statistics about the use of the HKEX website or to track and record user preferences.

The cookies used in connection with the HKEX website do not contain personal data. You may refuse to accept cookies on your browser by modifying the settings in your browser or internet security software. However, if you do so you may not be able to utilise or activate certain functions available on the HKEX website.

Compliance with laws and regulations

HKEX and other members of the Group may be required to retain, process and/or disclose your personal data in order to comply with applicable laws and regulations or in order to comply with a court order, subpoena or other legal process (whether in Hong Kong or elsewhere), or to comply with a request by a government authority, law enforcement agency or similar body (whether situated in Hong Kong or elsewhere) or to perform or discharge the Regulatory Functions. HKEX and other members of the Group may need to disclose your personal data in order to enforce any agreement with you, protect our rights, property or safety, or the rights, property or safety of our employees, or to perform or discharge the Regulatory Functions.

Corporate reorganisation

As we continue to develop our business, we may reorganise our group structure, undergo a change of control or business combination. In these circumstances it may be the case that your personal data is transferred to a third party who will continue to operate our business or a similar service under either this Privacy Policy Statement or a different privacy policy statement which will be notified to you. Such a third party may be located, and use of your personal data may be made, outside of Hong Kong in connection with such acquisition or reorganisation.

Access and correction of personal data

Under the PDPO, you have the right to ascertain whether we hold your personal data, to obtain a copy of the data, and to correct any data that is inaccurate. You may also request us to inform you of the type of personal data held by us. All data access requests shall be made using the form prescribed by the Privacy Commissioner for Personal Data ("Privacy Commissioner") which may be found on the official website of the Office of the Privacy Commissioner or via this link

<https://www.pcpd.org.hk/english/publications/files/Dforme.pdf>

Requests for access and correction of personal data or for information regarding policies and practices and kinds of data held by us should be addressed in writing and sent by post to us (see the "Contact Us" section below).

A reasonable fee may be charged to offset our administrative and actual costs incurred in complying with your data access requests.

Termination or cancellation

Should your account or relationship with us be cancelled or terminated at any time, we shall cease processing your personal data as soon as reasonably practicable following such cancellation or termination, provided that we may keep copies of your data as is reasonably required for archival purposes, for use in relation to any actual or potential dispute, for the purpose of compliance with applicable laws and regulations and for the purpose of enforcing any agreement we have with you, for protecting our rights, property or safety, or the rights, property or safety of our employees, and for performing or discharging our functions, obligations and responsibilities.

General

If there is any inconsistency or conflict between the English and Chinese versions of this Privacy Policy Statement, the English version shall prevail.

Contact us

By Post:
Personal Data Privacy Officer
Hong Kong Exchanges and Clearing Limited
8/F., Two Exchange Square
8 Connaught Place
Central
Hong Kong

By Email:
DataPrivacy@HKEX.COM.HK