

香港中央結算有限公司
(香港交易及結算所有限公司全資附屬公司)

HONG KONG SECURITIES CLEARING COMPANY LIMITED
(A wholly-owned subsidiary of Hong Kong Exchanges and Clearing Limited)

通告 CIRCULAR

Subject: **Orion Cash Platform: Enhancement of CCASS and CCMS Report Download –
Reminder and Practice Session**

Enquiry: **CCASS Hotline: 2979 7111¹ / E-mail: clearingps@hkex.com.hk**

Reference is made to the circular dated 27 March 2025 ([PT/SCS/CCASS/015/2025](#)) regarding the enhancement of Central Clearing and Settlement System (“CCASS”) and Common Collateral Management System (“CCMS”) Report Download (the “Enhancement”) of Orion Cash Platform (“OCP”) programme. HKSCC Participants other than Investor Participants (“Participants”) and Designated Banks (“DBs”) are reminded to take note of the following arrangements:

1. Download of CCASS and CCMS reports will be enhanced to use Secure File Transfer Protocol (“SFTP”) and made available via Report Access Platform (“RAP”) in the 2nd half of July 2025 (tentative date). The Enhancement is **compulsory**, intended to replace the report download functions of CCASS / CCMS Terminal and is **applicable to all Participants and DBs**. A three-month parallel run period will be provided for report download via RAP and CCASS / CCMS Terminal, and the report download functions of CCASS/ CCMS Terminal **will be decommissioned in Q4 2025** (tentative date). The Enhancement and its implementation timeline are subject to regulatory approval.
2. Participants and DBs are **required** to plan for the Enhancement, thoroughly read and understand the Migration Guide along with related circulars and technical documents available on the [OCP webpage](#), and are strongly recommended to participate in the optional practice session (please refer to the section below for details).
3. The Security Management reports are not included in the scope of the Enhancement. These reports will remain accessible through the Security Management functions of CCASS and CCMS at <https://www.ccass.com/dms>.

¹ All calls to and from the Participant General Enquiry Hotline may be recorded. HKEX privacy policy Statement is available [here](#).

4. An online briefing video about the Enhancement has been available on the [OCP webpage](#) since 16 April 2025.
5. Registration of new RAP accounts for accessing CCASS and CCMS reports through the e-Service, TECHS 8 in [Client Connect](#), has been open since 12 May 2025. For new RAP accounts that are intended to be effective before the optional practice session, please submit new registration requests with the remark “for CCASS and CCMS Reports Practice Session” **on or before 30 May 2025**.
6. Please be reminded to **complete the questionnaire “Enhancement of CCASS and CCMS Report Download – Questionnaire (HKSCC)”** via the “Event” section in [Client Connect](#) promptly if it has not been completed, as the deadline is **30 May 2025**.

Practice Session Arrangement

In order to allow Participants and DBs to become familiar with using the RAP to download CCASS and CCMS reports, and to verify their connectivity to RAP’s secondary data centre, Hong Kong Exchanges and Clearing Limited (“HKEX”) will arrange an optional practice session as below:

Date	Time	Site	Registration Deadline
21 June 2025 (Saturday)	14:00 – 16:00	Secondary Data Centre	13 June 2025
	18:00 – 19:00	Primary Data Centre (for verifying connectivity and successful restoration only)	

Participants and DBs are highly recommended to participate in the practice session to ensure their readiness for downloading CCASS and CCMS Report via RAP. Participants and DBs who decide to participate in the practice session are required to **register via the “Event” section in Client Connect on or before 13 June 2025**. Detailed activity rundown and preparation is set out in the Information Package of the Appendix section for reference.



Participants and DBs are advised to coordinate with their IT teams and/or system vendors for necessary planning and preparation. For any enquiries, please contact our CCASS hotline at 2979 7111 or email to clearingps@hkex.com.hk.

Maggie MK Lai
Senior Vice President
Post Trade
Operations Division

This circular has been issued in the English language with a separate Chinese language translation. If there is any conflict in the circulars between the meaning of Chinese words or terms in the Chinese language version and English words in the English language version, the meaning of the English words shall prevail.

**Practice Session for
Enhancement of CCASS and CCMS Report
Download**

(21 Jun 2025)

Information Package

Issue Date: 26 May 2025

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1. Introduction

Under the Orion Cash Platform (“OCP”) programme, Central Clearing and Settlement System (“CCASS”) and Common Collateral Management System (“CCMS”) Report Download across the Securities and Derivatives Markets (“the Enhancement”) will be made available via Report Access Platform (“RAP”). External stakeholders (“Stakeholders”) are **required** to plan for the Enhancement and subsequent de-commissioning of report download functions of CCASS/CCMS Terminal in Q4 2025.

To facilitate the adoption of the Enhancement, Hong Kong Exchanges and Clearing Limited (HKEX) will arrange an optional Practice Session on Saturday, 21 June 2025 for helping Stakeholders become familiar with downloading CCASS and CCMS reports via RAP prior to implementation. The following Stakeholders are **strongly encouraged** to participate in the Practice Session:

- HKSCC Participants other than Investor Participants (i.e. Clearing Agency Participants, Custodian Participants, Direct Clearing Participants, General Clearing Participants, Stock Lender Participants and Stock Pledgee Participants)
- Designated Banks of HKSCC
- HKCC Participants
- SEOCH Participants

This Information Package aims to help Stakeholders in planning and preparing for the Practice Session. Stakeholders are advised to review this document thoroughly and undertake necessary preparations prior to participating in the session. Additionally, Stakeholders should share this document with their IT support teams or system vendors to ensure appropriate technical setup and support are available before and during the Practice Session.

2. Objective and Scope

2.1 Objective

The objective of the Practice Session is to help Stakeholders become familiar with using the RAP to download CCASS and CCMS reports, perform health checks on downloading VaR Platform and DCASS reports if applicable, and to verify their connectivity to RAP’s secondary data centre for contingency purposes. The Practice Session is optional for Stakeholders.

2.2 Scope

Practice Session will include:

- Connection to secondary data centre
- CCASS / CCMS report download familiarization, and VaR Platform / DCASS report download verification

- Resume connection to primary data centre after completing the familiarization and verification in secondary data centre

3. Important Notes to Stakeholders

3.1 Technical Setup for the Practice Session

Stakeholders must ensure connectivity setting to the following HKEX RAP IP addresses and that the network configuration (e.g. firewall) are ready.

Part 1 (secondary data centre)

HKEX RAP IP addresses at secondary data centre	
HKSCC RAP IP Addresses and Port	10.243.66.141 port 18801 10.243.66.142 port 18801
HKCC & SEOCH RAP IP Addresses and Port	10.152.14.141 port 18801 10.152.14.142 port 18801

Part 2 (primary data centre)

HKEX RAP IP addresses at primary data centre	
HKSCC RAP IP Addresses and Port	10.243.2.141 port 18801 10.243.2.142 port 18801
HKCC & SEOCH RAP IP Addresses and Port	10.151.14.141 port 18801 10.151.14.142 port 18801

Stakeholders please **DO NOT** renew SSH keys during the Practice Session.

3.2 Preparation and Execution for the Practice Session

Stakeholders should note the following arrangements for the preparation and execution of the Practice Session:

Preparation:

- Ensure registration of the Practice Session via the event section on [Client Connect](#) on or before Wednesday, 13 Jun 2025.
- Stakeholders should check and ensure the connectivity from the registered RAP server or client workstation(s) to HKEX RAP IP addresses in both primary and secondary data centres have been configured prior to the start of the Practice Session.

- iii) Stakeholders should ensure their SSH public keys are valid and registered.
- iv) Stakeholders can apply for new RAP user accounts that will be effective before the Optional Practice Session, please refer to the Migration Guide for detailed arrangements. Stakeholders who wish to test new RAP user accounts in the Practice Session should ensure the accounts setup are ready prior to the Practice Session. The new RAP user accounts will be ready for connectivity test from 9 Jun 2025 onwards.
- v) Stakeholders should ensure that the emails and contact numbers of the designated contact persons for the Practice Session are reachable in order to receive emergency messages from HKEX during the Practice Session.
- vi) Stakeholders should ensure RAP user accounts are functioning and operational as no account administrative services will be provided during the Practice Session.

Execution:

The below actions should be completed from 14:00 till 19:00 on 21 June 2025.

TIME FROM	TIME TO	PROCESSING	REMARKS
Part 1 – Secondary Data Centre			
14:00	16:00	<ol style="list-style-type: none"> 1. Login to the RAP secondary data centre by inputting the RAP user accounts with SSH Key 2. Download CCASS/ CCMS/ VaR Platform/ DCASS reports which will be available in the folder 3. Stakeholders to ensure successful access/download of all the CCASS/ CCMS reports which are applicable 4. Log out from RAP secondary data centre once the above steps have been completed 	<p>Reports listed in Section 4 – Report Functions of the CCASS User Guide, Section 3 – VaR Platform Report of the VaR Platform User Guide and Section 9 – Report Retrieval of the DCASS User Guide will be available for Stakeholders to test the download function and report checking.</p> <p>For CCASS and CCMS reports, only reports dated 20 June 2025 will be available to download.</p>
Part 2 – Primary Data Centre			

18:00	19:00	<ol style="list-style-type: none"> 1. Stakeholders should check and ensure the RAP IP address has been changed from secondary connection to primary connection, i.e. 10.243.2.141 and 10.243.2.142 for HKSCC, 10.151.14.141 and 10.151.14.142 for HKCC and SEOCH. 2. Login to the RAP primary data centre by inputting the RAP user accounts with SSH Key 3. Log out from the RAP primary data centre once the above steps have been completed 	<p><u>IMPORTANT:</u> Stakeholders with existing RAP accounts should ensure connectivity to the Primary Data Centre for the purpose of ensuring the successful restoration of normal business operations on the next business day.</p>
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Remark: Stakeholders who wish to cross-check the reports available at CCASS/ CCMS Terminal are encouraged to download the reports on the Friday preceding the Practice Session (i.e. 20 June 2025).

4. Completion of Practice Session

Upon completion of the Practice Session, Stakeholders with existing RAP accounts should keep the primary IP addresses for production use on the next business day.

5. Typhoon, Black Rainstorm and Severe Weather Arrangements

If Typhoon Signal No. 8 (or above) or Extreme Conditions or Black Rainstorm Warning is issued or continue to be in force at or after 9:00 a.m. on the day of the Practice Session, the Practice Session will be cancelled and will not be resumed for the rest of the day.

In case Typhoon Signal No. 8 (or above) or Extreme Conditions is issued after the start of the Practice Session, the Practice Session will be terminated 15 minutes thereafter.

In case Black Rainstorm Warning is issued during the Practice Session, all scheduled activities of the Practice Session will continue as normal.

6. Communication Channels

HKSCC Participants and Designated Banks can call CCASS Hotline at 2979-7111 while HKCC and SEOCH Participants can call DCASS Hotline at 2979-7222 2 hours before the Practice Session (i.e. 12:00pm) to check whether the Practice Session will be held according to schedule.

Under normal situation, HKEX will communicate with the designated contact persons of the Stakeholders during the Practice Session via email and/or phone calls.

Stakeholders should ensure that their designated contact person(s) will be reachable during the prescribed time and the relevant email addresses and mobile phone numbers submitted to HKEX are accurate.

7. Help Desk

For any queries during the preparation and execution of the Practice Session(s), HKSCC Participants and Designated Banks can contact CCASS Hotline at **2979-7111** while HKCC and SEOCH Participants can contact DCASS Hotline at **2979-7222** for assistance.