HKEX
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(香港交易及結算所有限公司全資附屬公司)

HKFE CLEARING CORPORATION LIMITED
(A wholly-owned subsidiary of Hong Kong Exchanges and Clearing Limited)

通告 CIRCULAR

| Subject: | Change of Authentication for CCMS Terminal – (i) Reminder of Email Registration for CCMS Users and Delegated Administrators; (ii) Briefings for the Launch of Two-Factor Authentication Preparation |
| Enquiry: | DCASS Hotline : 2979 7222/ E-mail : clearingpsd@hkex.com.hk |

Reference is made to the circular dated 28 February 2023 (Reference: CD/OES/HKCC/056/2023). Clearing Participants (CPs) must register the designated email addresses of their CCMS users and DAs **before 28 April 2023 (Friday)** to enable Two-Factor Authentication (2FA) to access CCASS. Failure to register an email address for a CCMS user or DA by the above-mentioned date will result in the user being unable to access CCMS for daily operations at the launch of 2FA. For details of the email registration for CCMS users and DAs, please refer to the Information Package and Guideline respectively that are published on HKEX website.

To facilitate CPs to prepare for accessing CCMS by 2FA, HKCC will host 3 briefings on 24 April 2023 (Monday), 25 April 2023 (Tuesday) and 26 April 2023 (Wednesday to provide the key information on the change of authentication for accessing CCMS including the timeline, operational changes and the user account migration plan. CPs should register via the Event section in Client Connect on HKEX Access Management Portal (formerly 'HKEX Client Connect') **by 19 April 2023 (Wednesday)**. Details of the briefings are as follows:

Date	Mode of Briefing	Time	Language
24 April 2023 (Monday)	Grand Auditorium (Zone 1), 1/F, One & Two Exchange Square, Central*	16:30 -17:45 (For Grand Auditorium, registration starts from 16:00)	Cantonese
25 April 2023 (Tuesday)	Webinar video conferencing^		Cantonese
26 April 2023 (Wednesday)			English

Maximum 2 attendees per CP.

^Confirmation email together with the webinar login information will be sent to those who have successfully registered.

In preparation for accessing CCMS by 2FA, CPs shall verify their connection to the 2FA server according to the Appendix attached within the business days **before 28 April 2023 (Friday)**. Failure to do so will impact the 2FA access of CPs.

A summary of the upcoming events and tentative schedule is recapped below for reference:

Tentative Schedule	Event
19 December 2022 onwards	• Registration of users' email addresses for 2FA
20 March 2023 onwards	• Registration of DAs' email addresses for 2FA
28 April 2023	• Deadline for verification of connection to the 2FA server • Deadline for the registration of users' and DAs' email addresses for 2FA
24, 25 & 26 April 2023	• Briefings for the 2FA preparation
Late April – May 2023	• Processing of the registration of DAs' email addresses submitted before 28 April 2023
Early May 2023	• Distribution of Information Package for the launch of 2FA • Distribution of CCMS Terminal User Guides
Late May 2023	• The launch of 2FA and connectivity test, newly created CCMS users or DAs can only access to the CCMS with 2FA • CPs can fallback to use smartcard to access CCMS in case they encounter issues in using 2FA
Late July 2023	• 2FA will be the sole authentication method • Decommissioning of smartcard authentication method

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Appendix – Connectivity Verification for CCMS 2FA servers

For any CP that does not use the Domain Name System (DNS) services provided by HKEX to access CCMS, and/or has any additional access control between the PC and CCMS service, such as a firewall, it is recommended to arrange relevant IT staff to test the connectivity with the new 2FA server before the launch of 2FA. For network setup details, please refer to Section 4.7 to Section 4.9 of the CCASS (CCMS) Terminal Installation Procedures available in Client Connect on HKEX Access Management Portal.

After confirming the network settings, CPs can test the connection to the new 2FA server as follows:

1. On CCMS Terminal PC, open MS Edge browser to visit URL https://sso.hkexposttrade.com.hk/sso

2. The below screen should be seen:
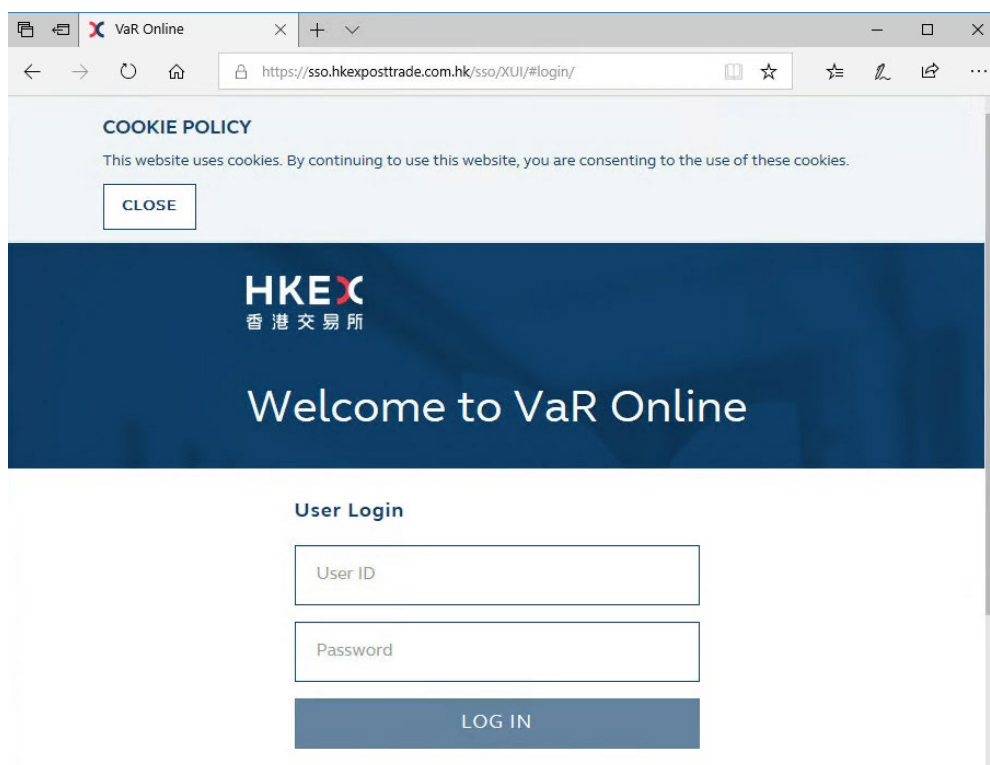
3. Close the window without logging on