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:	Change of Authentication for CCASS Terminal – Official Launch of Two-Factor Authentication
Enquiry:	CCASS Hotline : 2979 7111/ E-mail : clearingps@hkex.com.hk

Reference is made to the circular dated 3 April 2023 (Reference: CD/OES/CCASS/013/2023). With the successful completion of the briefings for the launch of Two-Factor Authentication (2FA) preparation in April 2023, the official launch of 2FA is tentatively scheduled on 12 June 2023 (Monday) subject to regulatory approval, where 2FA will replace the existing smartcard for the terminal access to CCASS.

To facilitate CCASS Participants (CPs) and Designated Banks (DBs) in preparing themselves for 2FA official launch, a series of activities are planned as follows:

(i) An "Information Package for Launch of 2FA" with the corresponding changes of operations under 2FA, pre-launch preparation and the account migration arrangement, is available on HKEX website. CPs and DBs are advised to read through the information package and take actions where necessary.

(ii) The updated CCASS Terminal user guide which covers authentication arrangement and functions under 2FA, will be available in Client Connect on HKEX Access Management Portal on 2 June 2023 (Friday).

(iii) CPs and DBs should continue to access CCASS by using their existing connectivity configuration. In case CPs and DBs would like to conduct a connectivity verification, a post-release connectivity test will be available from 18:00 – 20:00 and 22:00 – 23:00 on 10 June

香港交易及結算所有限公司
香港中環康樂廣場8號交易廣場2期8樓
Hong Kong Exchanges and Clearing Limited
8/F, Two Exchange Square, 8 Connaught Place, Central, Hong Kong

info@hkex.com.hk
(t) +852 2522 1122 (f) +852 2295 3106
hkexgroup.com | hkex.com.hk

2023 (Saturday) for such purpose. Interested CPs and DBs should register for the connectivity test via Event section in Client Connect on HKEX Access Management Portal on or before 2 June 2023 (Friday). Details can be reference to Attachment 1.

CPs and DBs who have yet to register email address for their users and DAs, should take action immediately to secure account readiness for migrating to 2FA. For the email registration procedure for CCASS users and DAs, please refer to the Information Package for Launch of 2FA available on HKEX website.

Hector Lau
Head of Clearing & Depository
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.
本通告已以英文及另以中文譯本刊發。如本通告中文本的字義或詞義與英文本有所出入，概以英文本為準。

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Post-Release Connectivity Test Schedule for the Official Launch of 2FA

10 June 2022 (Saturday) – Post-release connectivity test	
Time	Activities
On-line Session at Primary Data Centre (Session 1)	
18:00 – 20:00	**Connectivity to CCASS** By Smartcard (applicable to Users) • Access to CCASS via https://www.ccass.com • In the landing page, click <Login with Smartcard - Online Functions and Overnight Report Download> to be redirected to the login page with smartcard authentication • Logon to CCASS using the production Smartcard and 9 June 2023 (Friday) password • Once you logon to CCASS, "Function not available" will be displayed, the connectivity is completed • Logout from CCASS By Smartcard (applicable to DAs) • Access to DMS via https://www.ccass.com/dms • In the landing page, click <Login with Smartcard – Security Management Functions> to be redirected to the login page with smartcard authentication • Logon to DMS using the production Smartcard and 9 June 2023 (Friday) password • Once you logon to DMS, the connectivity is completed • Logout from DMS By 2FA - Initiation of 2FA[1] (applicable to Users) • Access to CCASS via https://www.ccass.com • In the landing page, click <Login with OTP - Online Functions> or <Login with OTP - Overnight Report Download> to be redirected to the login page with 2FA • Setup password & OTP channel • Logon to CCASS using the User ID, password and OTP

[1] Initiation of 2FA (setup of password & OTP channel) performed in Session 1 at the Primary Data Centre will be carried forward to Session 2 at the Secondary Data Centre and the next business day, 12 June 2023 (Monday).

	• Once you logon to CCASS, "Function not available" will be displayed, the connectivity is completed • Logout from CCASS By 2FA – Initiation of 2FA[2] (application to DAs) • Access to DMS via https://www.ccass.com/dms • In the landing page, click <Login with OTP – Security Management Function> for DMS to be redirected to the login page with 2FA • Setup password & OTP channel • Logon DMS using the User ID, password and OTP • Once you logon to DMS, the connectivity is completed • Logout from DMS
On-line Session at Secondary Data Centre (Session 2)	
22:00 – 23:00	**Connectivity to CCASS** By Smartcard (applicable to Users) • Access to CCASS via https://www.ccass.com • In the landing page, click <Login with Smartcard - Online Functions and Overnight Report Download> to be redirected to the login page with smartcard authentication • Logon to CCASS using the production Smartcard and the same password used in Session 1 • Once you logon to CCASS, "Function not available" will be displayed, the connectivity is completed • Logout from CCASS By Smartcard (applicable to DAs) • Access to DMS via https://www.ccass.com/dms • In the landing page, click <Login with Smartcard – Security Management Functions> for DMS to be redirected to the login page with smartcard authentication • Logon to DMS using the production Smartcard and the same password used during Session 1 • Once you logon to DMS, the connectivity is completed • Logout from DMS

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[2] Initiation of 2FA (setup of password & OTP channel) performed in Session 1 at the Primary Data Centre will be carried forward to Session 2 at the Secondary Data Centre and the next business day, 12 June 2023 (Monday).

	By 2FA (applicable for users)[3] • Access to CCASS via https://www.ccass.com • In the landing page, click <Login with OTP - Online Functions> or <Login with OTP - Overnight Report Download> to be redirected to the login page with 2FA • Logon to CCASS using the User ID, password that setup during Session 1 and OTP • Once you logon to CCASS, "Function not available" will be displayed, the connectivity is completed • Logout from CCASS By 2FA (applicable for DAs)[4] • Access to DMS via https://www.ccass.com/dms • In the landing page, click <Login with OTP – Security Management Function> for DMS to be redirected to the login page with 2FA • Logon to DMS using the User ID, password that setup during Session 1 and OTP • Once you logon to DMS, the connectivity is completed • Logout from DMS

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[3] Any user account changes such as password change performed in Session 2 at the Secondary Data Centre will NOT be carried forward to the next business day, 12 June 2023 (Monday).
[4] Any DA account changes such as password change performed in Session 2 at the Secondary Data Centre will NOT be carried forward to the next business day, 12 June 2023 (Monday).