

香港聯合交易所有限公司
(香港交易及結算所有限公司全資附屬公司)

THE STOCK EXCHANGE OF HONG KONG LIMITED
(A wholly-owned subsidiary of Hong Kong Exchanges and Clearing Limited)

通告 CIRCULAR

Subject: **Readiness Test for the Upgrade of SDNET Network Switches in HKEX Data Center**

Enquiry: **Participant General Enquiry Hotline¹ (Tel: 2840 3626 E-mail: trd@hkex.com.hk)**

To ensure the maintainability and reliability of the Securities and Derivatives Network (SDNET), Hong Kong Exchanges and Clearing Limited (HKEX) plans to upgrade the Network Switches in HKEX Primary Data Center, which main function is for connecting SDNET/2 Accredited Vendors. The upgrade of Network Switches² are technical in nature and confined to the connectivity within HKEX premises. Therefore, Exchange Participants (EPs) and China Connect Exchange Participants (CCEPs) are reminded that neither functional nor end-user connectivity changes will be made alongside the upgrade.

To ensure a smooth roll out, HKEX will conduct Readiness Test (RT) on Saturday, 22 August 2020, **EPs and CCEPs who have connectivity to HKEX via SDNET/2 are highly recommended to participate in the RT** to verify their connectivity readiness to HKEX via the upgraded SDNET network switches. Subject to the result of RT, cutover to New Switches will be conducted in two batches in late September and early October 2020 and Post Release Test (PRT) will also be arranged on Saturday prior to the cutover day.

Highlights of the RT are as follows:

Date	Time	Objectives
22 August 2020 (Saturday)	Readiness Test (RT) 3:00pm to 4:00pm	<u>SDNET connectivity test via upgraded Network Switches in HKEX Data Center</u> EPs: <ul style="list-style-type: none">Verify the network connectivity to HKEX by simulating the normal daily operations via the upgraded SDNET Network Switches. CCEPs: <ul style="list-style-type: none">Verify the network connectivity to HKEX by

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

² Network connections of EP and CCEP via HKEX Service Network (HSN) at HKEX Hosting Data Center is not affected by this upgrade.

Date	Time	Objectives
		performing login to CSC via the upgraded SDNET Network Switches.
	4:00pm to 5:00pm	<p><u>SDNET Network Switches failover test</u></p> <ul style="list-style-type: none"> Verify the network connectivity during the Network Switch Failover tests (performed by HKEX IT). During the network failover, EP and CCEPs connections should normally have no interruption. In case EPs and CCEPs experience disconnection, they should be able to re-login afterwards.
	<p>Network Switch Fallback Verification Test</p> <p>8:00pm to 9:00pm</p>	<p>EPs:</p> <ul style="list-style-type: none"> Verify the network connectivity by simulating the normal daily operations after fallback to existing SDNET Network Switches. <p>CCEPs:</p> <ul style="list-style-type: none"> Verify the network connectivity to HKEX by performing login to CSC after fallback to existing SDNET Network Switches. <p><u>[Optional</u> for EPs/ CCEPs who have joined the RT]</p>

For EPs and CCEPs who will join the RT, please submit the completed [online registration form](#) on or before 14 August 2020. Details of the RT will be provided to registered EPs and CCEPs separately. EPs and CCEPs relying on information vendors to provide market data updates for trading purpose should liaise with their respective information vendors for providing market data support during the RT.

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