

香港交易所資訊服務有限公司

(香港交易及結算所有限公司集團全資附屬成員機構)

HKEX INFORMATION SERVICES LIMITED

(A wholly-owned member of the Hong Kong Exchanges and Clearing Limited Group)

29 November 2021
Our Ref: MDD/21/955

By Email

To: Direct Connection Data Vendors & End Users ; Application Service Providers; and Independent Software Vendors (ISVs) (Collectively “Clients”)

Copy: Indirect Connection Market Data Vendors and End Users

Planned Activities - Initiatives in Relation to Market Data Systems for 2022

Here are the tentative schedules of planned activities / initiatives in relation to Market Data Systems¹ for 2022. Please note that if there is a change of priority or new market needs, the schedule may be adjusted, and there may also be new initiatives introduced. When it happens, we will communicate in due course.

(A) All Market Data Systems

Tentative Schedule	Planned Activity / Initiative	Details
Q3 2022	Data Center Failover Rehearsal	<p>The regular Data Center Failover Rehearsal will be arranged to allow Clients to practise their contingency procedures by simulating the scenario of primary data centre outage and failing over all HKEX's systems (including market data systems) to the secondary data center to continue the operation. The Rehearsal will also cover trading and clearing systems of HKEX.</p> <p>The schedule and test details of Data Center Failover Rehearsal will be provided around the second quarter of 2022.</p>

¹ Market Data Systems include (1) HKEX Orion Market Data Platform - Securities Market (OMD-C), (2) HKEX Orion Market Data Platform – Derivatives Market (OMD-D), (3) HKEX Orion Market Data Platform – China Connect (OMD-CC), (4) Mainland Market Data Hub (MMDH) and (5) Issuer Information feed System (IIS)

(B) Market Data Services for Securities Market (OMD-C & MMDH):

Tentative Schedule	Planned Activity / Initiative	Details
Q1 2022	OMD-C Operating System (OS) Upgrade	<p>In order to keep the OMD-C robust and stable, the Operating System (OS) of OMD-C servers will be upgraded as a regular maintenance. This OS Upgrade should be transparent to Clients.</p> <p>Details of the implementation schedule will be provided in January 2022.</p>
Q1 2022	OMD Emergency Rehearsal – Intraday Restart Scenario	<p>An emergency rehearsal for OMD-C and OMD-D will be arranged for Clients to verify their emergency arrangements and procedures, and ascertain their capability of dealing with the OMD-C intra-day restart scenario while other systems remain operating normally.</p> <p>OMD-C and OMD-D Emergency Rehearsal will be conducted on the same day. Details of the testing schedule will be provided in January 2022.</p>
Q3 2022	MMDH Data Center Failover Rehearsal	<p>The regular MMDH Data Centre Failover Rehearsal will be arranged to allow MMDH Clients to practise their contingency procedures for data center failover of MMDH.</p> <p>Details of the testing schedule of MMDH Data Center Failover Rehearsal will be provided in the third quarter of 2022.</p>
2H 2022	Increase Time Precision of Trade Time in OMD-C and MMDH	<p>The time precision of trade time field in Trade (50) and Trade Ticker (52) messages will be changed from second to microsecond.</p> <p>Please refer to the Client Notice of MDD/21/929 for the details.</p>

(C) Market Data Services for Derivatives Market (OMD-D):

Tentative Schedule	Planned Activity / Initiative	Details
Q1 2022	OMD Emergency Rehearsal – Intraday Restart Scenario	<p>An emergency rehearsal for OMD-C and OMD-D will be arranged for Clients to verify their emergency arrangements and procedures, and ascertain their capability of dealing with the OMD-D intra-day restart scenario while other systems remain operating normally.</p> <p>OMD-C and OMD-D Emergency Rehearsal will be conducted on the same day. Details of the testing schedule will be provided in January 2022.</p>
April 2022	Derivatives Holiday Trading	<p>To facilitate participants conducting trading and risk management during Hong Kong public holidays, HKEX plans to extend trading and clearing services for non-HKD denominated futures and options during Hong Kong public holidays (except New Year Holiday).</p> <p>With the rollout of this initiative, OMD-D will be brought up to disseminate the real-time price, settlement price and statistics (e.g. open interest and volume) on the holiday trading days.</p> <p>Market readiness test will be held to allow Clients to verify their systems and operational support for the derivatives holiday trading.</p> <p>Please refer to the Participant Circular of HKEX MO/DT/242/21 for the reference. Details of the arrangement and testing schedule, including the list of non-HKD denominated futures and options, will be announced in due course.</p>
Q2 2022	Block Trade Enhancement	<p>HKEX plans to facilitate the execution of block trades with an introduction of new session states.</p> <p>Market readiness test will be held to allow Clients to verify their system readiness for the introduction of new session states.</p> <p>Please refer to the Participant Circular of HKEX MO/DT/242/21 for the reference. Details of the enhancement and testing schedule will be provided in the first quarter of 2022.</p>

Tentative Schedule	Planned Activity / Initiative	Details
Q2 2022	Extension of T session close for selected HKFE contracts	<p>HKEX plans to extend the closing of T session for selected MSCI derivatives products from 16:30 to a later time to correspond the closing time of underlying cash market for better manage exposures on market movements.</p> <p>Market readiness test will be held to allow Clients to verify their systems and operational support for the extension of T session close.</p> <p>Details of the arrangement and testing schedule will be provided in the first quarter of 2022.</p>
Q4 2022	OMD-D Operating System (OS) Upgrade	<p>In order to keep the OMD-D robust and stable, the Operating System (OS) of OMD-D servers will be upgraded as a regular maintenance. This OS Upgrade should be transparent to Clients.</p> <p>Details of the implementation schedule will be provided in the in the third quarter of 2022.</p>

(D) Market Data Services for China Connect (OMD-CC):

Tentative Schedule	Planned Activity / Initiative	Details
Q1 2022	OMD-CC Operating System (OS) Upgrade	<p>In order to keep the OMD-CC robust and stable, the Operating System (OS) of OMD-CC servers will be upgraded as a regular maintenance. This OS Upgrade should be transparent to Clients.</p> <p>Details of the implementation schedule will be provided in first quarter of 2022.</p>

In addition, HKEX will regularly conduct a capacity review on its datafeed products to ensure the delivery of quality service to Clients. If it is found necessary to increase the bandwidth requirement of datafeed products, notice will be given to Clients for arrangement.

We would also like to take this chance to express our sincere gratitude to all clients on your continuous support to our initiatives.

Should you have any queries on above initiatives, please contact us at (852) 2211 6558 or send your questions to IVSupport@hkex.com.hk.

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