



To: All Members, warehouse companies and their London agents and other interested parties

Ref: 22/143 (LME Notice Reference)  
22-031 (LME Clear Circular Reference)

Classification: Technical

Date: 6 May 2022

Subject: **LME AND LMECLEAR SYSTEMS DATA CENTRE FAILOVER TEST AND SITE CHANGEOVER SCHEDULE**

### Summary

1. This notice (the “**Notice**”) advises members and other market participants of the planned Data Centre (“DC”) Failover test and site changeover of LME and LMEClear production services, scheduled for 18 June 2022.
2. The **LMEselect**, **LMEselectMD** and **LMEsource** production services will be switched from primary data centre (“DC 1”) to secondary data centre (“DC 2”) on Saturday 11 June 2022 as part of planned maintenance at Interxion data centre (LME’s primary data centre).

### Background

3. The London Metal Exchange (“LME”) is scheduling a failover test and changeover of LME and LMEClear production services from the secondary data centre (“DC 2”) to the primary data centre (“DC 1”) on **Saturday 18 June 2022**. On the scheduled date, production services will be made available for participants to complete connectivity tests in the respective data centre as outlined in section 6. Following the tests, the services will remain as production service at DC 1 until further notice.
4. Due to planned maintenance at Interxion data centre (LME’s primary data centre) in the week of 13 June 2022, the **LMEselect**, **LMEselectMD** and **LMEsource** production services, currently running from DC 1, will be switched to DC 2 on **Saturday 11 June 2022**. As part of the switchover, connectivity testing will be made available to allow participants to test their connectivity in readiness for start of trading on Monday 13 June 2022. Following the tests, these services will remain at DC 2 until switched back to DC 1 on Saturday 18 June 2022 as outlined in section 3.
5. Participants should ensure that they have both data centres permissioned within their firewalls, and can connect to both data centres. For the avoidance of doubt, participants using the LME Domain Name Service (DNS) and utilising the Fully Qualified Domain Name (FQDN) do not need to make any changes providing firewall permissions allow for access to both data centres.

### Schedule

6. The DC failover test and changeover schedule is as follows:



## 6.1 Saturday, 11 June 2022

System	Data centre switch	Connectivity Test Window	Test Window and Support Details
LMEselect	DC 1 – DC 2	Yes	see para 7, 9
LMEselectMD	DC 1 – DC 2	Yes	see para 7, 9
LMEsource	DC 1 – DC 2	Yes	see para 7, 9

## 6.2 Saturday, 18 June 2022

System	Data centre switch	Connectivity Test Window	Test Window and Support Details
LMEselect	DC 2 – DC 1	Yes	see para 8, 9
LMEselectMD	DC 2 – DC 1	Yes	see para 8, 9
LMEsource	DC 2 – DC 1	Yes	see para 8, 9
LMEprism (GUI and SFTP)	DC 2 – DC 1	Yes	see para 13, 14
LME – SFTP	DC 2 – DC 1	Yes	see para 13, 15
LMEclear – SFTP	DC 2 – DC 1	Yes	see para 13, 15
LME – SFTP (Public)	DC 2 – DC 1	Yes	see para 13, 15
LME SFTP (UDG)	DC 2 – DC 1	Yes	see para 13, 15
LMEsmart	DC 2 – DC 1	Yes	see para 13, 16
LMEsword	DC 2 – DC 1	Yes	see para 13, 16
LMEmercury	DC 2 – DC 1	No	see para 17
LMEbullion	DC 2 – DC 1	No	see para 18
LMEshield	DC 2 – DC 1	No	see para 19

## Trading platform Failover Test Schedule

7. On **Saturday 11 June 2022** from 11:00 until 13:00 (UK time), a two hour connectivity test window will be provided for all **LMEselect**, **LMEselectMD** and **LMEsource** participants to connect to DC 2.
8. The **LMEselect**, **LMEselectMD** and **LMEsource** production services will be migrated back to DC 1 on **Saturday 18 June 2022** and a two hour connectivity test window will be provided from 14:30 until 16:30 (UK time) to allow all participants to test their connectivity in readiness for start of trading on Monday 20 June 2022.
9. Both connectivity test windows will be fully supported by the Trading Operations team who will be on hand to assist during the testing process. For questions during the failover test they can be reached via email at [tradingoperations@lme.com](mailto:tradingoperations@lme.com).
10. It is important to perform these failover tests as part of the LME's commitment to provide a robust electronic trading platform. This is to ensure that, in the event of a major outage of the primary LMEselect, LMEselectMD and LMEsource application services, all participants can successfully failover to the secondary services to recommence their normal activity.
11. The LME requires all members to participate in the testing of LMEselect, LMEselectMD and LMEsource. This is to prove members' ability to connect to the alternative data centre and its related application services. Failure to test may leave LMEselect, LMEselectMD and LMEsource at risk of not being able to be utilised in the unlikely event of a data centre failover event.



12. Market participants (non-members) of LMEselect, LMEselectMD and LMEsource are also strongly encouraged to partake in this scheduled failover test.

### Primary Location Switch Connectivity Test Schedule

13. On **Saturday 18 June 2022** from 14:30 until 16:30 (UK time), a two hour connectivity test window will be provided for participants to connect to all relevant applications in DC 1 as per section 6.
14. The connectivity test window for **LMEprism** will be fully supported by the LME Trading Operations team who will be on hand to assist during the testing process. For questions during the failover test they can be reached via email at [tradingoperations@lme.com](mailto:tradingoperations@lme.com).
15. The connectivity test window for '**LME – SFTP**', '**LMEclear – SFTP**', '**LME – SFTP (Public)**' and '**LME SFTP (UDG)**' services will be fully supported by the LME IT Service Desk who will be on hand to assist during the testing process. For questions during the failover test they can be reached via email at [itservicedesk@lme.com](mailto:itservicedesk@lme.com).
16. The connectivity test window for **LMEsmart** and **LMEsword** will be fully supported by the LME Post Trade Operations team who will be on hand to assist during the testing process. For questions during the failover test they can be reached via email at [posttradeoperations@lme.com](mailto:posttradeoperations@lme.com).
17. No connectivity testing will be taking place for **LMEmercury**. The LMEmercury application will be changed over in readiness for start of business Monday 20 June 2022. In the event of any connectivity issues on Monday, participants need to contact LME Clear Operations team at [lmeclar.operations@lme.com](mailto:lmeclar.operations@lme.com).
18. No connectivity testing will be taking place for **LMEbullion**. The LMEbullion application will be changed over in readiness for start of business Monday 20 June 2022. In the event of any connectivity issues on Monday, participants need to contact LME Benchmark Pricing team at [Benchmark.Pricing.Function@lme.com](mailto:Benchmark.Pricing.Function@lme.com).
19. No connectivity testing will be taking place for **LMEshield**. The LMEshield application will be changed over in readiness for start of business Monday 20 June 2022. In the event of any connectivity issues, participants should contact the LME at [itservicedesk@lme.com](mailto:itservicedesk@lme.com).
20. It is strongly recommended that all participants using above LME and LMEclear services participate in the data centre failover test weekend to ensure readiness for live service on the following Monday.

### Connectivity Details

21. Details of the necessary IP addresses and Ports for both data centres can be found in the latest LME Systems Connectivity Guide, which is available on the LME website <https://www.lme.com/Trading/Systems> (login details required).
22. Please note that the timing of above connectivity windows is estimated and there may be delays if the LME experiences any unforeseen technical issues. All participants will be kept updated of any such issues via email communication.



23. Members and other market participants are requested to send contact details of the relevant teams/persons who will be participating in the testing window to [rm@lme.com](mailto:rm@lme.com) by **27 May 2022**.
24. Any queries regarding this Notice should be directed to LME Technical Account Management team at [tam@lme.com](mailto:tam@lme.com).

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cc: Board directors