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SERVICE HOTLINE

REFERENCE NUMBER: 214/2014

13 November 2014

EXCHANGE TEST WEEKEND - NETWORK MAINTENANCE 22 NOVEMBER 2014

Clients are advised that **as part of the Exchange Test Weekend (ETW)** scheduled for **Saturday, 22 November 2014**, the JSE will be performing **network optimization maintenance** on its core and data centre network infrastructure. The maintenance is as recommended by our service providers and is to ensure alignment to require best practice standards.

As the maintenance being applied is to our core and data centre network infrastructure which govern connectivity to the JSE, the **JSE strongly recommend** that clients participate to confirm their connectivity to the JSE post the maintenance. This includes **clients of all markets who connect directly** to the JSE for **LIVE** real-time data. **End of Day** Information subscribers are **not required** to participate.

The maintenance will be applied from approximately 07h30 South African Standard Time (SAST). Post the JSE maintenance and testing, **clients** will be provided with the opportunity **to prove their connectivity to all JSE Services**.

Saturday , 22 November 2014	07h00 – 11h00 SAST (GMT+2)	JSE required maintenance and JSE testing.
Saturday , 22 November 2014	11h00 – 13:00 SAST (GMT+2)	Client telnet connectivity tests, start of day downloads and confirmation of multicast traffic flow.

Clients participating in the connectivity tests must please **forward their key contact details** to CustomerSupport@jse.co.za or +27 (0)11 520 7777 **by no later than** close of business on **Tuesday, 18 November 2014**.

The connectivity tests will be executed in the JSE production environment. **Clients will be responsible for removing test data** from their own production environments after the test. Clients **NOT participating in the test** must ensure that their production systems **are shut down** on the Friday evening prior to the test, **to ensure that they do not receive any test data** during the ETW.

Clients test schedule will be as follows:

Service(s):

Equity Market
Equity Derivatives Market
Commodity Derivatives Market
Interest Rate and Currency
Derivatives Market

Environment(s):

Production

Additional Information:

If you have any queries about this announcement, please contact
+27 11 520 7777

CustomerSupport@jse.co.za

Issued By:

Sandra Borrageiro
Head: Project Delivery
Trading and Market Services

Technical Specification Documentation:

[Trading and Market Services](#)

Recommended Client Participation:

Optional (however strongly recommended)	Trading Members AND Information Subscribers of all markets that <u>connect directly</u> to the JSE via Johannesburg AND the JSE London Point of Presence (PoP) for real-time data AND All Live Information Subscribers.	Technical connectivity test to be conducted from Clients Production Site to JSE Production Site.
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High Level Test Schedule – 22 November 2014:

Times are all South African Standard Time (SAST = GMT+2)

#	Test Timeline	Client Testing Requirement
1.	Saturday 22 November 2014 07h00 – 11h00	<ul style="list-style-type: none"> JSE batch complete and systems shut down. Clients may experience temporary disconnects to JSE services as maintenance is performed on JSE routers, however clients should automatically reconnect as they failover to alternate routers. Production network maintenance to be applied, backups and system startup. Internal JSE system and connectivity proving with a checkpoint to confirm whether to leave maintenance live.
2.	Saturday 22 November 2014 11h00 – 13h00	<p>Clients to notify Customer Support once they are on site and once all testing is completed. Clients to use this checklist to complete testing.</p> <ul style="list-style-type: none"> Equity Trading and Information Service <ul style="list-style-type: none"> Equity Market Trading system to be brought up and left in Start of Day mode. Clients to <u>connect and login</u> to the Equity Market Trading Gateways and Market Data Recovery Gateways. Alternatively instead of logging in, clients can perform a <u>TELNET test</u> to the various Gateways to prove connectivity to the TCP Gateways. Clients must <u>Confirm receipt of multicast messages</u> and heartbeats published during the test via the Market Data Gateways. Equity Derivatives, Commodity Derivatives, Interest Rate and Currency Derivative Trading and Information Services <ul style="list-style-type: none"> Derivative markets will be brought up in a download state only. Clients to <u>login</u> to the various markets and <u>conduct standard downloads</u> required for login. Alternatively instead of logging in, clients can perform a <u>TELNET test</u> to the various Proxies to prove connectivity.
3.	Saturday 22 November 2014 12h00 – 13h00	<ul style="list-style-type: none"> JSE Checkpoint to assess client connectivity - Based on client feedback reported to Customer Support, the JSE will make the final GO/NO GO decision for the maintenance. If GO Decision reached: Clients to cleanup test data. If NO GO Decision reached: <ul style="list-style-type: none"> For go live only - the order book will remain empty as all open orders will have been deleted on the Friday prior to the cut-over. JSE to rollback changes. Clients to cleanup test data

Please contact JSE Customer Support for any further queries.