



Market Notice

Number: A1424
Date 17 May 2011

JSE Remote DR site Connectivity

Further to the JSE Market communication session held on 3 February 2011, the JSE would like to provide clients with further information regarding the JSE Primary Data Centre (Primary Data Centre) and the JSE Remote Disaster Recovery Site (Remote DR Site) projects and connectivity requirements. As communicated at the session, JSE Clients (all Members and non-Members) are required to connect to the Remote DR Site in the event of the JSE failing over to its Remote DR Site.

Client Connectivity to the JSE Equity Market:

- Currently JSE Equity Market Clients (Equity Members & Information Subscribers) need to have a Primary and Backup connection to the JSE. This will still be required however; as all Equity Market Clients will be required to connect to the Remote DR Site when it is being used there will be additional considerations.
- Equity Market Clients will need to consider the following:
 - Whether to have their Primary connection end at the Primary Data Centre and their Backup connection end at the Remote DR Site. The JSE will allow the Backup connection to be “backhauled” across from the Remote DR Site to the Primary Data Centre if the Primary connection fails. This “backhauling” will have some latency impact.
 - Whether to have their Primary and Backup connections end at the Primary Data Centre and commission a new connection to the Remote DR Site.
 - Whether to use an MPLS provider and have their Primary and Backup connections to the MPLS provider and then the MPLS provider ensures the two connections to the JSE as per the JSE requirements.

Client Connectivity to Other JSE Markets (excl JSE Equity Market Clients):

- Currently JSE Members of Other JSE Markets need to have a connection to the JSE. This will still be required however; as all JSE Members will be required to connect to the Remote DR Site when it is being used there will be additional considerations.
- Members of Other JSE Markets will need to consider:
 - Implementing arrangements so that in the event of the JSE failing over to the Remote DR Site that the Member can connect to the Remote DR Site.
 - Whether to commission a new connection to the Remote DR Site.
 - Using a Private Access Point Network (making use of 3G or HSDPA) which is currently being investigated by the JSE.
- Information Subscribers of Other JSE Markets to decide whether they want to have connectivity to the Remote DR Site.



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Alternate Directors: JH Burke, LV Parsons

Additional Information for the JSE Equity Market:

- If a client uses an MPLS Network provider (for the Equity Market it must be an accredited JSE SIP) then the switching of connectivity between the Primary Data Centre and the Remote DR Site could be facilitated by the MPLS Network provider.
- It is important that JSE clients determine which MPLS Network providers are able carry Multicast Data.

Each JSE Client's connectivity is different and it is advised that all JSE Clients engage with the JSE so we can determine the best connectivity option. Clients are advised to inform the JSE of their chosen method of connectivity by no later than 13 June 2011 so that the JSE can manage the migration planning and scheduling effectively.

This also serves as formal notice and it is therefore advised that:

- all Clients that are existing JSE Clients (all Members and non-Members) as at 30 June 2011 have until 30 September 2011 to implement and fully test their connectivity options to the JSE so as to ensure that by no later than 1 October 2011 any JSE Client can connect to and operate with the Remote DR Site should the JSE fail over to the Remote DR Site; and
- with effect from 1 July 2011, all new JSE Clients (all Members and non-Members) must implement and fully test their connectivity options to the JSE so as to ensure that by no later than 1 July any JSE Client can connect to and operate with the Remote DR Site should the JSE fail over to the Remote DR Site.

Kindly refer any other queries related to this notice to the JSE Customer Service team on (011) 520 7777 or CustomerSupport@jse.co.za.

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