

BDA DRESS REHEARSAL

Mainframe Migration

20 February 2021

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1. VERSION CONTROL

Version	Author	Date	Reason for changes
0.1	BDA Team	5 November 2020	Initial Draft

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3. INTRODUCTION

As communicated in [Service Hotline 221/2020](#) dated 6 October 2020, the JSE has embarked on a project to move the JSE mainframe from Midrand to our data centre onsite. The project is largely internal but will require members to participate in a number of Dress Rehearsals.

The 3rd mandatory Dress Rehearsal will take place on 20 February 2021.

N.B... For the Market Dress Rehearsals **no production IP address changes are required by JSE Equity members.** Members will be able to connect to the new IBM mainframe on the dress rehearsal days using their existing BDA log-on/connection.

For the purposes of UAT there will however be a different IP address. This new IP address was communicated in [Service Hotline 258/2020](#) and [Attachment](#). Please contact our Client Service Centre on +27 11 520 7777 or via email on customersupport@jse.co.za if you require further information.

Members are required to test the following during the dress rehearsals:

- Connectivity from a BDA terminal **from each branch office** within your firm
- View various on-line screens and process some transactions (Test pack details below)
- Check user access to ensure users can still perform same functions
- Test downstream processes which make use of screen scraping (Optional and only if applicable to your firm)
- Test downstream processes which make use of BDA Uploads and Downloads (Only if applicable to your firm)

Note that the information displayed in BDA on the new IBM z14 mainframe on dress rehearsal days will not be the same as the current BDA production data. The information displayed in the new IBM z14 mainframe will be the data copied from the current production mainframe to the new IBM mainframe dated 21 November 2020. Although the JSE will be doing Batch runs on the new IBM production to get the date to reflect as 22 February 2021, the data will not be the same as the current production data.

Your BDA user access to the new IBM z14 mainframe will be the same as your current BDA production user access. Each BDA user's existing access was copied as at 21 November 2020. Any changes made to existing users BDA access after 21 November 2020 in the current production environment, will not have been included when the user access was copied.

NB!!!- For the dress rehearsals on 6 and 20 February 2021, all BDA users who have access to CLMNT, AGMNT, STMNT, DLPRE, DLDIR, DLEXT, DIRAL, NXTAL and DLADJ will be changed to be 'Enquiry' only.

4. TEST SCENARIO RECORD

Please save this document and update the table below with your findings. Once testing has been completed, please update and return to Client Service Centre at Customersupport@jse.co.za as soon as possible after completion. Where any of the test scenario's listed below is not applicable to your daily business operations, please mark these as N/A in the Pass/Fail column.

The JSE will start the network cut-over activities 08h30. After the network connectivity activities have been completed, the JSE will test that all internal JSE users can access and log-on to BDA and perform functional updates. The JSE has made arrangements with 3 brokers and a software provider to assist with testing to ensure these brokers and software providers can perform the test scenarios as documented below. Only once this has been successfully tested, will the JSE request participation from the rest of the brokers.

We want to highlight that although broker participation is scheduled to start at 13h00, should the JSE testing progress very well, the JSE may decide to start broker testing earlier. This will however be communicated on the day.

The JSE will provide an update by 11h15 to advise brokers on the status of the testing. At this point we will communicate to brokers if broker participation is to start as planned at 13h00, or if there are any changes to this specific time.

No.	Time Slot	Test Scenario Description	Pass/Fail	Comments
1	13h00 – 14h30	Connect to Mainframe. A pass will be when you can display the BDA log-on panel with the z14 display as stated in 3.1 above.		
2	13h00 – 14h30	Log-on to BDA. A pass will mean that you can log-on into BDA using your existing BDA sign-on and access various enquiry and functional screens.		
3	13h00 – 14h30	Display on-line information using AFINH, ACDLS, SHDLS, ASHRH etc. (with data). A pass will mean that you can display BDA transactional/position data on the enquiry screens.		

4	13h00 – 14h30	<p>Process a Cash Receipt, Journal</p> <p>A pass will a Cash Payment, Cash Receipt or Journal and is updated and can be displayed ion the accounts the processing is done.</p> <p>*N.B. – Do not process any DLPRE’s or CLMNT/AGMNT updates</p>		
5	13h00 – 14h30	<p>Create a loan on SBORU and confirm it on SBORC.</p> <p>A pass will mean that you can create a loan on SBORU and you can display the loan created.</p>		
6	13h00 – 14h30	<p>Access B5ACICS and enquire on various screens.</p> <p>A pass will mean that you can access B5ACICS.</p>		
7	13h00 – 14h30	<p>Display Frozen file for CA Event.</p> <p>A pass will mean that you can display an event on a frozen file.</p>		
8	13h00 – 14h30	<p>Request from CSC that a BDA report is re-spooled.</p> <p>You can e-mail CSC prior to 6 February 2021 if there is a specific report you want re-spooled which can then be actioned on the day by CSC.</p>		
9	13h00 – 14h30	<p>Download BDA Dissemination file from IDP/FTP.</p> <p>Pass will mean that you are able to download your BDA dissemination file from IDP or via FTP.</p>		
10	13h00 – 14h30	<p>Upload a BDA file i.e. Financial, SLB, or Demat upload.</p> <p>A pass will mean that you are able to upload one of the various BDA upload files and see the resultant information being updated in BDA, as well as getting a response file. (Response file will depend on the specific upload being used).</p> <p>*N.B. Do not use uploads for Same Day Allocations, Deal Allocations or CLMNT.</p>		
11	13h00 – 14h30	<p>Screen Scrapping – Where brokers make use of screen scrapping to emulate mainframe processing, please test that you can still do this.</p>		

		<p>A pass will mean that you are able to view the transactions created via the emulation software.</p> <p>*N.B. Do not test Deal Allocations (DLPRE/DIDLIR) or opening client accounts (CLMNT/ADMNT/LTMNT/AGMNT/STMNT).</p>		
12	13h00 – 14h30	<p>Remote printer – Test that you are able to print a BDA report to your designated remote printers. This is only applicable for brokers who have a request loaded on RPROC where the output destination is to a remote printer.</p> <p>You can e-mail CSC prior to 20 February 2021 if there is a specific report you want re-spooled to your remote printer which CSC can then action on the day.</p>		
13	14h00 – 15h30	<p>At 14h00, JSE want all brokers who have tested an upload, to upload data at the same time. The purpose of this test is to test multipole data uploads to the mainframe at the same time.</p> <p>Please note that on the day, the JSE may request this to be done more than once on the day. JSE will communicate to those specific members who will be performing this testing.</p>		
13	15h30 – 16h30	JSE revert back to the current production mainframe.		
14	16h30 – 17h00	<p>Brokers test connectivity and BDA log-on to current production mainframe.</p> <p>A pass will mean users are able to connect to BDA production and can see current production information.</p>		

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