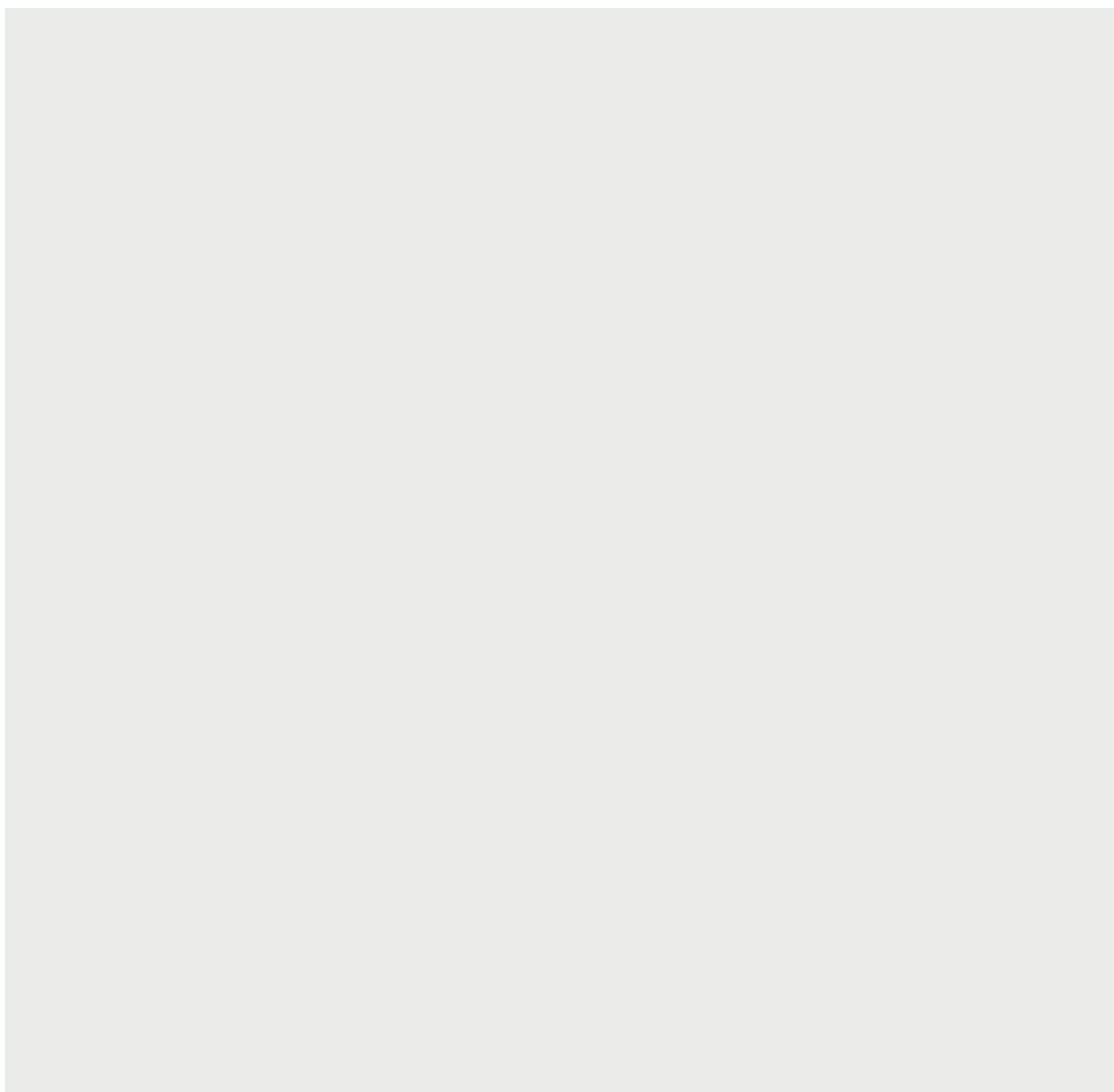


LCH DR Connectivity User Guide

April 2018

LCH The Markets'
Partner



1. Summary

To enable members to test connectivity to the LCH back up data centre, a service has been developed to be able to monitor in real-time the availability of connectivity to the data centre. The service that has been implemented will provide feedback to a user or monitoring device. This is independent of any clearing application and is an indicator of connectivity to the LCH data centre only.

2. Connectivity Overview

Connectivity tests are performed over HTTP. Supported methods are via Web Browser or curl/wget utility.

The connectivity test returns a web page indicating that connectivity was successful, and in addition the client IP address as seen by LCH.

This test is available via the Internet and selected 3rd Party networks, utilising 2 different FQDNs. URL's are provided to verify connectivity to LCH generically, as well as connectivity to a specific data centre. All connections should be made by FQDN and not by IP address, as IP addresses are able to change.

3. Results Page

The resulting page from a web browser appears as below. Testing using curl or wget and parsing of the content shall be the responsibility of the client. The actual format of the page may vary and is not guaranteed.



4. Connecting to LCH

1) Connecting via the Internet

Internet tests can target an address that shall be resolved to the current active 'site' or specific sites to test end-2-end connectivity for verification of sites that may not be currently active for any services.

Target	URL	Description
LCH Active	http://conn-test.lchclearnet.com/info.html	Verifies connectivity to the LCH default data centre
London	http://conn-test-gbr.lchclearnet.com/info.html	Verifies connectivity to the LCH London 'Data Centre'
PDC	http://conn-test-mdr.lchclearnet.com/info.html	Verifies connectivity to the LCH Paris Data Centre (Metro DR)

2) Connecting via 3rd Party Networks

Select 3rd Party networks support testing using FQDN's that resolve to an IP address on the advertised 3rd party network addresses.

Target	URL	Description
LCH Active	http://conn-test.lchclearnetservices.com/info.html	Verifies connectivity to the LCH default data centre
London	http://conn-test-gbr.lchclearnetservices.com/info.html	Verifies connectivity to the LCH London 'Data Centre'
PDC	http://conn-test-mdr.lchclearnetservices.com/info.html	Verifies connectivity to the LCH Paris Data Centre (Met DR)

5. Test Results

Once testing has been completed please can you confirm the results of the test to the following email address:

membertesting@lch.com

Any issues or questions should also be forwarded to this email address.