

Refinitiv FXall AAA

Concise Network Guide

This document is for Refinitiv FXall AAA users - corporate email address login

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About this document

INTENDED READERSHIP

This document is for Refinitiv FXall users that log in using their corporate email address. This is referred to as Refinitiv FXall AAA.

This document does not apply to FXall users that log in using their FXall ID. This is known as FXall Siteminder. FXall Siteminder clients should use [Refinitiv FXall Siteminder via Refinitiv Managed Connection \(Delivery direct\)](#).

IN THIS DOCUMENT

The document provides a summary of key network information required for operation of the Refinitiv FXall desktop application (including the Configuration Management component).

FOR FURTHER INFORMATION

For questions or further information related to FXall, please contact the global Refinitiv help desk using the link below.

[MyRefinitiv – Contact Us](#)

FEEDBACK

If you have any comments on this document, please contact the global Refinitiv help desk using the link below.

[MyRefinitiv – Contact Us](#)

Chapter 1 Introduction

This document summarises FXall Network requirements for FXall version 7.7 and above when using Refinitiv FXall AAA (AAA users are FXall users that log into FXall via their corporate email address).

The Refinitiv FXall infrastructure is being updated as we transition our brand, products and technology from Thomson Reuters to Refinitiv. This impacts all FXall users that login using their corporate email address.

Starting from FXall version 7.7, FQDNs that currently use the Thomson Reuters domain will be moving to the Refinitiv domain. For example, `emea1.dealingws.trading.thomsonreuters.net` will be replaced with `emea1-dealingws.trading.refinitiv.net`.

This document has been updated to reflect the required changes in FQDNs to map to the Refinitiv domain.

1.1 ESSENTIAL CLIENT LAN NETWORK RULES THAT MUST BE FOLLOWED

2. **It is mandatory that clients support BOTH the `thomsonreuters.com/.net/.biz` domain and `refinitiv.com/.net/.biz` Domain on their Client Network BEFORE installing FXall version 7.7 and above. This includes clients that access FXall services via Refinitiv Managed Connection, FCN and Internet. An announcement will be made when the Thomson Reuters domains are fully decommissioned for FXall services.**
3. FXall services that have migrated onto the Thomson Reuters/Refinitiv AAA services must support **both** the `thomsonreuters.com` domain and `refinitiv.com` Domain on their Client Network BEFORE installing FXall version 7.7 or 7.8.
4. **As part of service resilience, services may be switched to other areas/regions. In order to have access to a fully resilient service all FQDNs must be configured and accessible regardless of user's location and FQDN area.**
5. Over time Refinitiv will be moving services to cloud based access. This means that IP addresses listed in this document may change with little or no notice. We strongly recommend that clients do NOT hard code IP addresses into Clients Network security devices and instead use the FQDNs listed.
6. To simplify network access to Refinitiv FXall servers the level one FQDNs listed in Chapter 3 Option 1 - Level One network access can be added to your LAN security devices.
7. Please see [Chapter 2 What changes do I need to make on my Network?](#) for more information on further changes that need to be made to your network.

1.2 FXALL SITEMINDER

This document does not apply to FXall Siteminder users, however as FXall Siteminder uses the FXall domain, no changes are required unless they are migrating to FXall AAA.

FQDNs used by FXall on internet are listed in [Appendix C FXall \(Siteminder\) FQDNs](#) on page 27.

Delivery direct connectivity is covered in the following document: [Refinitiv FXall Siteminder via Refinitiv Managed Connection \(Delivery direct\)](#).

1.3 CHANGE OF NAME OF REFINITIV DELIVERY DIRECT

Please be aware that **Delivery Direct** has been renamed **Refinitiv Managed Connection**. The new name, Refinitiv Managed Connections is used in this document. This is a change to the name only.

Chapter 2 What changes do I need to make on my Network?

The changes required depend on the current FXall version and implementation, for example:

1. Are you using Internet or Refinitiv Managed Networks (Delivery Direct)?
2. Are you upgrading from 7.6 or below or is this a new Installation?
3. Do you login to FXall via your corporate Email address or FXall ID?

The table below shows the changes required on your next work depending on the answers to the questions above:

NOTE

Option 1 as detailed in the Chapter 3 of this document is the simplest method of implementing access to Refinitiv services

Option Number	Internet or Delivery Direct	Log in FXall via corporate email address or FXall ID	New installation or upgrade from 7.6 or below	Which chapter of this document should I follow?	Notes
Option1	Users via Internet or Delivery Direct connectivity	User logging into FXall via a corporate email address (FXall AAA)	New and Upgrades supported	Chapter 3	Simple client LAN network change. Opens client's networks to the ALL Refinitiv network and services not just FXall services
Option 2	Users via Internet connectivity only	User logging into FXall via a corporate email address (FXall AAA)	Upgrade from 7.6 or below	Chapter 4	Requires more complicated network changes than Option 1 but locks access to just FXall services
Option 3	Users via Internet connectivity only	User logging into FXall via a corporate email address (FXall AAA)	New installation	Chapter 5	Requires more complicated network changes than Option 1 but locks access to just FXall services
Option 4	Users via Delivery Direct connectivity only	User logging into FXall via a corporate email address (FXall AAA)	Upgrade from 7.6 or below	Chapter 6	If client uses IP addresses, then no changes required. If client uses FQDNs then the new Refinitiv FQDNs must be added
Option 5	Users via Delivery Direct connectivity only	User logging into FXall via a corporate email address (FXall AAA)	New installation	Chapter 7	Requires more complicated network changes than Option 1 but locks access to just FXall services

NOTE

Please be aware that Delivery Direct has been renamed Refinitiv Managed Connection.

Chapter 3 Option 1 - Level One network access

3.1 SIMPLEST WAY TO PROVIDE NETWORK ACCESS

For the simplest way to provide network access to all Refinitiv services including FXall servers the following level one FQDNs can be added to your LAN security devices:

NOTE

If level one Network access as listed in table below is accessible via the Clients network, **then no further action** as detailed in the document is required.

Chapter 4 and above are for clients that want to implement a stronger security implementation.

Level 1 FQDNs
*.refinitiv.com
*.refinitiv.net
*.refinitiv.biz
*.fxall.com
*.thomsonreuters.com
*.thomsonreuters.net
*.thomsonreuters.biz

3.2 INTERNET SUBNETS

For internet delivery the following subnets can be used:

155.46.33.0/24
155.46.25.0/24
159.220.0.0/16
164.57.211.0/24
192.165.219.0/24
209.191.134.0/24
192.165.211.0/24

Chapter 4 Option 2 - FQDNs used for upgrading FXall GUI via internet

The FQDN and IP address used by the FXall service are listed in the table below. Please note the following:

- The table below is for INTERNET only
- The table below is for user that are already running FXall (i.e. the Thomson Reuters domain has already been configured on the client LAN)
- Click [here](#) to download all the FQDNs listed below as an MS Excel file
- **customers.reuters.com** is replaced by **my.refinitiv.com**. **my.refinitiv.com** is a public cloud hosted service and so no dedicated IP address is assigned, and can change at any time
- The IP address assigned to the Refinitiv Domain FQDN may be different to the IP address assigned for the Thomson Reuters Domain FQDN, for example amers1.apps.cp.thomsonreuters.com has an IP address of 159.220.40.41 where amers1-apps.platform.refinitiv.com has a different IP address 164.57.211.134
- The FXall Desktop application consumes services exposed over protocols/ports HTTPS/443

WARNING As noted previously, for FXall version 7.7 and above, requires **BOTH** Thomson Reuters and Refinitiv FQDNs to be supported on the client network

WARNING In order to have access to a fully resilient service **ALL** FQDNs must be configured and accessible regardless of user's location and FQDN area

FQDN for Refinitiv Domain	Internet IP address for FQDN for Refinitiv Domain	Service
amers3-fxtcreditadmin.trading.refinitiv.net	209.191.134.210	Credit admin
amers1-apps.platform.refinitiv.com	164.57.211.134	Eikon reverse proxy (for example Directory Services)
amers1-dealingedge.trading.refinitiv.net	159.220.41.130	Dealing/trading session
amers1-dealingws.trading.refinitiv.net	159.220.41.129	SSO
amers1-fxt.trading.refinitiv.com	164.57.211.138	FXall Apps (example Treasury Center)
amers1.heartbeat.ciam.refinitiv.net	159.220.40.126	AAA token check (every 30 seconds)
amers1.identity.ciam.refinitiv.net	159.220.40.98	SSO
amers1-test.platform.refinitiv.com	164.57.211.134	Service Testing
amers1-views.platform.refinitiv.com	164.57.211.134	Ops Console

FQDN for Refinitiv Domain	Internet IP address for FQDN for Refinitiv Domain	Service
amers2-apps.platform.refinitiv.com	159.220.53.111	Eikon reverse proxy (for example Directory Services)
amers2-fxt.trading.refinitiv.com	159.220.53.116	FXall Apps (example Treasury Center)
amers2.heartbeat.ciam.refinitiv.net	192.165.219.171	AAA token check (every 30 seconds)
amers2.identity.ciam.refinitiv.net	192.165.219.177	SSO
amers2-views.platform.refinitiv.com	159.220.53.111	Ops Console
amers3-fxtaggie.trading.refinitiv.net	209.191.134.203	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching
amers3-fxtblotter.trading.refinitiv.net	209.191.134.205	Trade blotter
amers3-fxtdiagnostics.trading.refinitiv.net	209.191.134.207	Connectivity Test
amers3-fxtdiagnostics.trading.refinitiv.net	209.191.134.207	Connectivity Test
amers3-fxtfb.trading.refinitiv.net	209.191.134.202	FB
amers3-fxtpoms.trading.refinitiv.net	209.191.134.204	POMS
amers3-fxtqt.trading.refinitiv.net	209.191.134.201	QT
amers3-fxttc.trading.refinitiv.net	209.191.134.211	TC
amers3-fxttcoptions.trading.refinitiv.net	209.191.134.212	Options
apac1-apps.platform.refinitiv.com	155.46.33.75	Eikon reverse proxy (for example Directory Services)
apac1-dealingedge.trading.refinitiv.net	159.220.240.18	Dealing/trading session
apac1-dealingws.trading.refinitiv.net	159.220.240.17	SSO
apac1-fxt.trading.refinitiv.com	155.46.33.80	FXall Apps (example Treasury Center)
apac1.heartbeat.ciam.refinitiv.net	155.46.33.20	AAA token check (every 30 seconds)
apac1.identity.ciam.refinitiv.net	155.46.33.15	SSO
apac1-test.platform.refinitiv.com	155.46.33.75	Service testing
apac1-views.platform.refinitiv.com	155.46.33.75	Ops Console

FQDN for Refinitiv Domain	Internet IP address for FQDN for Refinitiv Domain	Service
apac2-dealingedge.trading.refinitiv.net	159.220.20.210	Dealing/trading session
apac2-dealingws.trading.refinitiv.net	159.220.20.209	SSO
apac3-fxtaggie.trading.refinitiv.net	159.220.240.3	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching
collab.platform.refinitiv.com	159.220.0.155	Messenger
collab.platform.refinitiv.com	192.165.211.75	Messenger
emea1-apps.platform.refinitiv.com	155.46.25.65	Eikon reverse proxy (for example Directory Services)
emea1-dealingedge.trading.refinitiv.net	159.220.2.162	Dealing/trading session
emea1-fxt.trading.refinitiv.com	155.46.25.64	FXall Apps (example Treasury Center)
emea1.heartbeat.ciam.refinitiv.net	159.220.1.73	AAA token check (every 30 seconds)
emea1.identity.ciam.refinitiv.net	159.220.1.64	SSO
emea1-test.platform.refinitiv.com	155.46.25.65	Service Testing
emea1-views.platform.refinitiv.com	155.46.25.65	Ops Console
emea3-fxtaggie.trading.refinitiv.net	159.220.24.3	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching
emea1-dealingws.trading.refinitiv.net	159.220.2.161	SSO

Chapter 5 Option 3 - FQDNs used for new FXall GUI via Internet

The All FQDN and IP address used by the FXall service are listed in the Table below. Please note the following:

- The table below is for INTERNET only
- The table below is for user that are installing FXall for the first time. This means both Thomson Reuters and Refinitiv domains must be configured on the client network. See [Chapter 4](#) Option 2 - FQDNs used for upgrading FXall GUI via internet for users upgrading from FXall version 7.6 or below to a later version.
- Click [here](#) to download all the FQDNs listed below as MS Excel file
- **customers.reuters.com** is replaced by **my.refinitiv.com**. **my.refinitiv.com** is a public cloud hosted service and so no dedicated IP address is assigned, and can change at any time.
- Via the internet some of the IP addresses are different between the Refinitiv domain FQDNs and Thomson Reuters domain FQDNs
- The IP address assigned to the Refinitiv Domain FQDN may be different to the IP address assigned for the Thomson Reuters Domain FQDN, for example amers1.apps.cp.thomsonreuters.com has an IP address of 159.220.40.41 where amers1-apps.platform.refinitiv.com has a different IP address 164.57.211.134
- The FXall Desktop application consumes services exposed over protocols/ports HTTPS/443

WARNING As noted previously, for FXall version 7.7 and above, requires **BOTH** Thomson Reuters and Refinitiv FQDNs to be supported on the client network

WARNING In order to have access to a fully resilient service **ALL** FQDNs must be configured and accessible regardless of user's location and FQDN area

FQDN for New FXall users running 7.7 or above	Internet IP FQDN	Service
amers3.fxtcreditadmin.trading.thomsonreuters.net	209.191.134.210	Credit admin
amers1.apps.cp.thomsonreuters.com	159.220.40.41	Eikon reverse proxy (for example Directory Services)
amers1.dealingedge.trading.thomsonreuters.net	159.220.41.130	Dealing/trading session
amers1.dealingws.trading.thomsonreuters.net	159.220.41.129	SSO
amers1.fxt.cp.thomsonreuters.com	159.220.40.40	FXall Apps (example Treasury Center)
amers1.heartbeat.cp.thomsonreuters.net	159.220.40.126	AAA token check (every 30 seconds)
amers1.login.cp.thomsonreuters.net	159.220.40.98	SSO
amers1.test.cp.thomsonreuters.com	159.220.40.110	Service Testing
amers1.views.cp.thomsonreuters.com	159.220.40.105	Ops Console
amers2.apps.cp.thomsonreuters.com	159.220.54.3	Eikon reverse proxy (for example Directory Services)

FQDN for New FXall users running 7.7 or above	Internet IP FQDN	Service
amers2.fxt.cp.thomsonreuters.com	159.220.54.23	FXall Apps (example Treasury Center)
amers2.heartbeat.cp.thomsonreuters.net	192.165.219.171	AAA token check (every 30 seconds)
amers2.login.cp.thomsonreuters.net	192.165.219.177	SSO
amers2.views.cp.thomsonreuters.com	192.165.219.184	Ops Console
amers3.fxtaggie.trading.thomsonreuters.net	209.191.134.203	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching
amers3.fxtblotter.trading.thomsonreuters.net	209.191.134.205	Trade blotter
amers3.fxtiagnostics.trading.thomsonreuters.net	209.191.134.207	Connectivity Test
amers3.fxtiagnostics.trading.thomsonreuters.net	209.191.134.207	Connectivity Test
amers3.fxtfb.trading.thomsonreuters.net	209.191.134.202	FB
amers3.fxtpoms.trading.thomsonreuters.net	209.191.134.204	POMS
amers3.fxtqt.trading.thomsonreuters.net	209.191.134.201	QT
amers3.fxttc.trading.thomsonreuters.net	209.191.134.211	TC
amers3.fxttcoptions.trading.thomsonreuters.net	209.191.134.212	Options
apac1.apps.cp.thomsonreuters.com	155.46.33.16	Eikon reverse proxy (for example Directory Services)
apac1.dealingedge.trading.thomsonreuters.net	159.220.240.18	Dealing/trading session
apac1.dealingws.trading.thomsonreuters.net	159.220.240.17	SSO
apac1.fxt.cp.thomsonreuters.com	155.46.33.21	FXall Apps (example Treasury Center)
apac1.heartbeat.cp.thomsonreuters.net	155.46.33.20	AAA token check (every 30 seconds)
apac1.login.cp.thomsonreuters.net	155.46.33.15	SSO
apac1.test.cp.thomsonreuters.com	155.46.33.19	Service testing
apac1.views.cp.thomsonreuters.com	155.46.33.22	Ops Console
apac2.dealingedge.trading.thomsonreuters.net	159.220.20.210	Dealing/trading session
apac2.dealingws.trading.thomsonreuters.net	159.220.20.209	SSO
apac3.fxtaggie.trading.thomsonreuters.net	159.220.240.3	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching

FQDN for New FXall users running 7.7 or above	Internet IP FQDN	Service
collab.thomsonreuters.com	159.220.0.155	Messenger
collab.thomsonreuters.com (DR)	192.165.211.75	Messenger
emea1.apps.cp.thomsonreuters.com	159.220.1.19	Eikon reverse proxy (for example Directory Services)
emea1.dealingedge.trading.thomsonreuters.net	159.220.2.162	Dealing/trading session
emea1.fxt.cp.thomsonreuters.com	159.220.1.18	FXall Apps (example Treasury Center)
emea1.heartbeat.cp.thomsonreuters.net	159.220.1.73	AAA token check (every 30 seconds)
emea1.login.cp.thomsonreuters.net	159.220.1.64	SSO
emea1.test.cp.thomsonreuters.com	159.220.1.98	Service Testing
emea1.views.cp.thomsonreuters.com	159.220.1.49	Ops Console
emea3.fxtaggie.trading.thomsonreuters.net	159.220.63.3	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching
emea1.dealingws.trading.thomsonreuters.net	159.220.2.161	SSO
amers3-fxtcreditadmin.trading.refinitiv.net	209.191.134.210	Credit admin
amers1-apps.platform.refinitiv.com	164.57.211.134	Eikon reverse proxy (for example Directory Services)
amers1-dealingedge.trading.refinitiv.net	159.220.41.130	Dealing/trading session
amers1-dealingws.trading.refinitiv.net	159.220.41.129	SSO
amers1-fxt.trading.refinitiv.com	164.57.211.138	FXall Apps (example Treasury Center)
amers1.heartbeat.ciam.refinitiv.net	159.220.40.126	AAA token check (every 30 seconds)
amers1.identity.ciam.refinitiv.net	159.220.40.98	SSO
amers1-test.platform.refinitiv.com	164.57.211.134	Service Testing
amers1-views.platform.refinitiv.com	164.57.211.134	Ops Console
amers2-apps.platform.refinitiv.com	159.220.53.111	Eikon reverse proxy (for example Directory Services)
amers2-fxt.trading.refinitiv.com	159.220.53.116	FXall Apps (example Treasury Center)
amers2.heartbeat.ciam.refinitiv.net	192.165.219.171	AAA token check (every 30 seconds)
amers2.identity.ciam.refinitiv.net	192.165.219.177	SSO

FQDN for New FXall users running 7.7 or above	Internet IP FQDN	Service
amers2-views.platform.refinitiv.com	159.220.53.111	Ops Console
amers3-fxtaggie.trading.refinitiv.net	209.191.134.203	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching
amers3-fxtblotter.trading.refinitiv.net	209.191.134.205	Trade blotter
amers3-fxtdiagnostics.trading.refinitiv.net	209.191.134.207	Connectivity Test
amers3-fxtdiagnostics.trading.refinitiv.net	209.191.134.207	Connectivity Test
amers3-fxtfb.trading.refinitiv.net	209.191.134.202	FB
amers3-fxtpoms.trading.refinitiv.net	209.191.134.204	POMS
amers3-fxtqt.trading.refinitiv.net	209.191.134.201	QT
amers3-fxttc.trading.refinitiv.net	209.191.134.211	TC
amers3-fxttcoptions.trading.refinitiv.net	209.191.134.212	Options
apac1-apps.platform.refinitiv.com	155.46.33.75	Eikon reverse proxy (for example Directory Services)
apac1-dealingedge.trading.refinitiv.net	159.220.240.18	Dealing/trading session
apac1-dealingws.trading.refinitiv.net	159.220.240.17	SSO
apac1-fxt.trading.refinitiv.com	155.46.33.80	FXall Apps (example Treasury Center)
apac1.heartbeat.ciam.refinitiv.net	155.46.33.20	AAA token check (every 30 seconds)
apac1.identity.ciam.refinitiv.net	155.46.33.15	SSO
apac1-test.platform.refinitiv.com	155.46.33.75	Service testing
apac1-views.platform.refinitiv.com	155.46.33.75	Ops Console
apac2-dealingedge.trading.refinitiv.net	159.220.20.210	Dealing/trading session
apac2-dealingws.trading.refinitiv.net	159.220.20.209	SSO
apac3-fxtaggie.trading.refinitiv.net	159.220.240.3	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching
collab.platform.refinitiv.com	159.220.0.155	Messenger
collab.platform.refinitiv.com	192.165.211.75	Messenger
emea1-apps.platform.refinitiv.com	155.46.25.65	Eikon reverse proxy (for example Directory Services)

FQDN for New FXall users running 7.7 or above	Internet IP FQDN	Service
emea1-dealingedge.trading.refinitiv.net	159.220.2.162	Dealing/trading session
emea1-fxt.trading.refinitiv.com	155.46.25.64	FXall Apps (example Treasury Center)
emea1.heartbeat.ciam.refinitiv.net	159.220.1.73	AAA token check (every 30 seconds)
emea1.identity.ciam.refinitiv.net	159.220.1.64	SSO
emea1-test.platform.refinitiv.com	155.46.25.65	Service Testing
emea1-views.platform.refinitiv.com	155.46.25.65	Ops Console
emea3-fxtaggie.trading.refinitiv.net	159.220.24.3	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching
emea1-dealingws.trading.refinitiv.net	159.220.2.161	SSO

Chapter 6 Option 4 - FXall FQDNs when upgrading from v7.6 or below to v7.7 or above via Delivery Direct/FCN

All FQDN and IP address used by the FXall service via the Refinitiv Managed Connections (previously called Delivery Direct) are listed in the table below.

Please note the following:

- The table below is for Refinitiv Managed Connections (previously called Delivery Direct) or FCN only
- If upgrading from FXall version 7.6 or below to FXall version 7.7 or above the Delivery Direct IP addresses have not changed
- Click [here](#) to download all the FQDNs listed below as an MS Excel file
- The IP address assigned to the Refinitiv Domain FQDN have the same IP address assigned for the Thomson Reuters Domain FQDN
- The FXall Desktop application consumes services exposed over protocols/ports HTTPS/443

WARNING As noted previously, for FXall version 7.7 and above, requires **BOTH** Thomson Reuters and Refinitiv FQDNs to be supported on the client network

WARNING In order to have access to a fully resilient service **ALL** FQDNs must be configured and accessible regardless of user's location and FQDN area

FQDN for Thomson Reuters Domain	FQDN for Refinitiv Domain	Service	IP address for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains
amers3.fxtcreditadmin.trading.thomsonreuters.net	amers3-fxtcreditadmin.trading.refinitiv.net	Credit admin	159.43.8.24
amers1.dealingedge.trading.thomsonreuters.net	amers1-dealingedge.trading.refinitiv.net	Dealing/trading session	159.43.2.98
amers1.dealingws.trading.thomsonreuters.net	amers1-dealingws.trading.refinitiv.net	SSO	159.43.2.97
amers1.heartbeat.cp.thomsonreuters.net	amers1.heartbeat.ciam.refinitiv.net	AAA token check (every 30 seconds)	192.155.137.73
amers1.login.cp.thomsonreuters.net	amers1.identity.ciam.refinitiv.net	SSO	192.155.137.66
amers2.heartbeat.cp.thomsonreuters.net	amers2.heartbeat.ciam.refinitiv.net	AAA token check (every 30 seconds)	192.155.138.73
amers2.login.cp.thomsonreuters.net	amers2.identity.ciam.refinitiv.net	SSO	192.155.138.66
amers3.fxtaggie.trading.thomsonreuters.net	amers3-fxtaggie.trading.refinitiv.net	Aggregator access to Order Book, Pricestream, FX Matching	159.43.8.10
amers3.fxtblotter.trading.thomsonreuters.net	amers3-fxtblotter.trading.refinitiv.net	Trade blotter	159.43.8.25

FQDN for Thomson Reuters Domain	FQDN for Refinitiv Domain	Service	IP address for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains
amers3.fxtiagnostics.trading.thomsonreuters.net	amers3-fxtiagnostics.trading.refinitiv.net	Connectivity Test	159.43.8.27
amers3.fxtiagnostics.trading.thomsonreuters.net	amers3-fxtiagnostics.trading.refinitiv.net	Connectivity Test	159.43.8.27
amers3.fxtfb.trading.thomsonreuters.net	amers3-fxtfb.trading.refinitiv.net	FB	159.43.8.9
amers3.fxtpoms.trading.thomsonreuters.net	amers3-fxtpoms.trading.refinitiv.net	POMS	159.43.8.11
amers3.fxtqt.trading.thomsonreuters.net	amers3-fxtqt.trading.refinitiv.net	QT	159.43.8.8
amers3.fxttc.trading.thomsonreuters.net	amers3-fxttc.trading.refinitiv.net	TC	159.43.8.28
amers3.fxttcoptions.trading.thomsonreuters.net	amers3-fxttcoptions.trading.refinitiv.net	Options	159.43.8.29
apac1.dealingedge.trading.thomsonreuters.net	apac1-dealingedge.trading.refinitiv.net	Dealing/trading session	159.43.32.114
apac1.dealingws.trading.thomsonreuters.net	apac1-dealingws.trading.refinitiv.net	SSO	159.43.32.113
apac1.heartbeat.cp.thomsonreuters.net	apac1.heartbeat.ciam.refinitiv.net	AAA token check (every 30 seconds)	159.43.32.50
apac1.login.cp.thomsonreuters.net	apac1.identity.ciam.refinitiv.net	SSO	159.43.32.41
apac2.dealingedge.trading.thomsonreuters.net	apac2-dealingedge.trading.refinitiv.net	Dealing/trading session	159.43.34.50
apac2.dealingws.trading.thomsonreuters.net	apac2-dealingws.trading.refinitiv.net	SSO	159.43.34.49
apac3.fxtaggie.trading.thomsonreuters.net	apac3-fxtaggie.trading.refinitiv.net	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching	159.43.33.67
collab.thomsonreuters.com (DR)	collab.platform.refinitiv.com	Messenger	
emea1.dealingedge.trading.thomsonreuters.net	emea1-dealingedge.trading.refinitiv.net	Dealing/trading session	159.43.16.178
emea1.heartbeat.cp.thomsonreuters.net	emea1.heartbeat.ciam.refinitiv.net	AAA token check (every 30 seconds)	159.43.16.51
emea1.login.cp.thomsonreuters.net	emea1.identity.ciam.refinitiv.net	SSO	159.43.16.41
emea3.fxtaggie.trading.thomsonreuters.net	emea3-fxtaggie.trading.refinitiv.net	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching	159.43.31.3
emea1.dealingws.trading.thomsonreuters.net	emea1-dealingws.trading.refinitiv.net	SSO	159.43.16.177

Chapter 7 Option 5 - FQDNs used for new installation of FXall GUI via Delivery Direct/FCN

The All FQDN and IP address used by the FXall service via the Refinitiv Managed Connections (previously called Delivery Direct) are listed in the table below.

Please note the following:

- The table below is for Refinitiv Managed Connections (previously called Delivery Direct) or FCN only
- Click [here](#) to download all the FQDNs listed below as an MS Excel file
- The IP address assigned to the Refinitiv Domain FQDN have the same IP address assigned for the Thomson Reuters Domain FQDN
- The FXall Desktop application consumes services exposed over protocols/ports HTTPS/443

WARNING As noted previously, for FXall version 7.7 and above, requires **BOTH** Thomson Reuters and Refinitiv FQDNs to be supported on the client network

WARNING In order to have access to a fully resilient service **ALL** FQDNs must be configured and accessible regardless of user's location and FQDN area

FQDN for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains	Service	IP address for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains
amers3.fxtcreditadmin.trading.thomsonreuters.net	Credit admin	159.43.8.24
amers1.dealingedge.trading.thomsonreuters.net	Dealing/trading session	159.43.2.98
amers1.dealingws.trading.thomsonreuters.net	SSO	159.43.2.97
amers1.heartbeat.cp.thomsonreuters.net	AAA token check (every 30 seconds)	192.155.137.73
amers1.login.cp.thomsonreuters.net	SSO	192.155.137.66
amers2.heartbeat.cp.thomsonreuters.net	AAA token check (every 30 seconds)	192.155.138.73
amers2.login.cp.thomsonreuters.net	SSO	192.155.138.66
amers3.fxtaggie.trading.thomsonreuters.net	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching	159.43.8.10
amers3.fxtblotter.trading.thomsonreuters.net	Trade blotter	159.43.8.25
amers3.fxtiagnostics.trading.thomsonreuters.net	Connectivity Test	159.43.8.27
amers3.fxtiagnostics.trading.thomsonreuters.net	Connectivity Test	159.43.8.27

FQDN for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains	Service	IP address for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains
amers3.fxtfb.trading.thomsonreuters.net	FB	159.43.8.9
amers3.fxtpoms.trading.thomsonreuters.net	POMS	159.43.8.11
amers3.fxtqt.trading.thomsonreuters.net	QT	159.43.8.8
amers3.fxttc.trading.thomsonreuters.net	TC	159.43.8.28
amers3.fxttcoptions.trading.thomsonreuters.net	Options	159.43.8.29
apac1.dealingedge.trading.thomsonreuters.net	Dealing/trading session	159.43.32.114
apac1.dealingws.trading.thomsonreuters.net	SSO	159.43.32.113
apac1.heartbeat.cp.thomsonreuters.net	AAA token check (every 30 seconds)	159.43.32.50
apac1.login.cp.thomsonreuters.net	SSO	159.43.32.41
apac2.dealingedge.trading.thomsonreuters.net	Dealing/trading session	159.43.34.50
apac2.dealingws.trading.thomsonreuters.net	SSO	159.43.34.49
apac3.fxtaggie.trading.thomsonreuters.net	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching	159.43.33.67
collab.thomsonreuters.com (DR)	Messenger	
emea1.dealingedge.trading.thomsonreuters.net	Dealing/trading session	159.43.16.178
emea1.heartbeat.cp.thomsonreuters.net	AAA token check (every 30 seconds)	159.43.16.51
emea1.login.cp.thomsonreuters.net	SSO	159.43.16.41
emea3.fxtaggie.trading.thomsonreuters.net	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching	159.43.31.3
emea1.dealingws.trading.thomsonreuters.net	SSO	159.43.16.177
amers3-fxtcreditadmin.trading.refinitiv.net	Credit admin	159.43.8.24
amers1-dealingedge.trading.refinitiv.net	Dealing/trading session	159.43.2.98
amers1-dealingws.trading.refinitiv.net	SSO	159.43.2.97
amers1.heartbeat.ciam.refinitiv.net	AAA token check (every 30 seconds)	192.155.137.73

FQDN for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains	Service	IP address for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains
amers1.identity.ciam.refinitiv.net	SSO	192.155.137.66
amers2.heartbeat.ciam.refinitiv.net	AAA token check (every 30 seconds)	192.155.138.73
amers2.identity.ciam.refinitiv.net	SSO	192.155.138.66
amers3-fxtaggie.trading.refinitiv.net	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching	159.43.8.10
amers3-fxtblotter.trading.refinitiv.net	Trade blotter	159.43.8.25
amers3-fxtiagnostics.trading.refinitiv.net	Connectivity Test	159.43.8.27
amers3-fxtiagnostics.trading.refinitiv.net	Connectivity Test	159.43.8.27
amers3-fxtfb.trading.refinitiv.net	FB	159.43.8.9
amers3-fxtpoms.trading.refinitiv.net	POMS	159.43.8.11
amers3-fxtqt.trading.refinitiv.net	QT	159.43.8.8
amers3-fxttc.trading.refinitiv.net	TC	159.43.8.28
amers3-fxttcoptions.trading.refinitiv.net	Options	159.43.8.29
apac1-dealingedge.trading.refinitiv.net	Dealing/trading session	159.43.32.114
apac1-dealingws.trading.refinitiv.net	SSO	159.43.32.113
apac1.heartbeat.ciam.refinitiv.net	AAA token check (every 30 seconds)	159.43.32.50
apac1.identity.ciam.refinitiv.net	SSO	159.43.32.41
apac2-dealingedge.trading.refinitiv.net	Dealing/trading session	159.43.34.50
apac2-dealingws.trading.refinitiv.net	SSO	159.43.34.49
apac3-fxtaggie.trading.refinitiv.net	Aggregator access to Order Book, Pricestream, FX Matching	159.43.33.67
collab.platform.refinitiv.com	Messenger	
emea1-dealingedge.trading.refinitiv.net	Dealing/trading session	159.43.16.178
emea1.heartbeat.ciam.refinitiv.net	AAA token check (every 30 seconds)	159.43.16.51

FQDN for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains	Service	IP address for Delivery Direct/FCN for both Thomson Reuters and Refinitiv domains
emea1.identity.ciam.refinitiv.net	SSO	159.43.16.41
emea3-fxtaggie.trading.refinitiv.net	Aggregator access to Order Book, Pricestream, Refinitiv FX Matching	159.43.31.3
emea1-dealingws.trading.refinitiv.net	SSO	159.43.16.177

Chapter 8 Refinitiv Trade Performance Analytics (TPA)

Refinitiv Trade Performance Analytics (TPA) provides Sell-Side reporting to Refinitiv FXall liquidity providers. The service can be accessed via the following URLs:

- data-intelligence.trading.refinitiv.com (uses IP address 164.57.211.138)
- data-intelligence.cp.thomsonreuters.com (uses IP address 159.220.40.63)
This IP address cannot be used after July 20201

The Refinitiv FX Trading infrastructure is being updated as we transition our brand, products and technology from Thomson Reuters to Refinitiv. This means the data-intelligence.cp.thomsonreuters.com will be decommissioned in July 2021. Users will need to use the data-intelligence.trading.refinitiv.com to access the service.

In addition, to access the services via the new URL, changes in the client LAN may be required. To access the service via the internet, the following FQDN/IP addresses must be enabled on the client LAN:

FQDN	Internet IP address	DD IP address
data-intelligence.trading.refinitiv.com	164.57.211.138	N/A
data-intelligence.cp.thomsonreuters.com	159.220.40.63	N/A
emea1.identity.ciam.refinitiv.net	159.220.1.64	159.43.16.41
apac1.identity.ciam.refinitiv.net	155.46.33.15	159.43.32.41
amers1.identity.ciam.refinitiv.net	159.220.40.98	192.155.137.66
amers2.identity.ciam.refinitiv.net	192.165.219.177	192.155.138.66
identity.ciam.refinitiv.net	159.220.40.122 155.46.33.31 192.165.219.67 159.220.1.71	159.43.32.48 192.155.138.72 159.43.16.49 192.155.137.72

Appendix A Mandatory migration to the Refinitiv domain for all users

NETWORK SUMMARY GUIDE

Click [here](#) to download a more detailed network guide covering Refinitiv FX Trading and Refinitiv FXall.

FXALL VERSIONS

The domain you connect to is dependent on the FXall version you are using as per the tables in the following appendices.

FXall version	Domain used	Example FQDN
FXall version 7.6.x and below	Thomson Reuters	emea1.dealingws.trading.thomsonreuters.net
FXall version 7.7 and above	Both Refinitiv and Thomson Reuters domains are used. Thomson Reuters domain will be switched off in July 2021, after which all FQDN will be via the Refinitiv Domain	emea1-dealingws.trading.refinitiv.net

USE OF IP ADDRESSES

While this document lists current FXall IP addresses for information, these are subject to change and no service dependency should be placed on their specification, FXall FQDNs are provided and should be used.

DNS SUFFIXES

The following table outlines the DNS Suffixes used by the overall FXall solution, please note that in many instances these Suffixes will be common to multiple Refinitiv products and sufficient consideration should be given to FXall related DNS changes on previously deployed Refinitiv products.

NOTE

Clients can add the following DNS suffix (level One) to their network security devices.

DNS Suffix	Authoritative DNS	Usage
*.cp.thomsonreuters.net	Public Internet Extranet DNS	FXall Desktop Application FXT In-Trade Feed Adapter
*.trading.thomsonreuters.net	Public Internet Extranet DNS	FXall Desktop Application FXT In-Trade Feed Adapter FXT Post-Trade Feed Adapters
*.reuters.com	Public Internet Extranet DNS	FXall Desktop Application
NOTE one host only - "customers"		
*.extranet.thomsonreuters.biz	Extranet DNS	FXall Desktop Application

DNS Suffix	Authoritative DNS	Usage
*.thomsonreuters.com	Public Internet	FXall Desktop Application
*.cp.extranet.thomsonreuters.biz	Extranet DNS	FXall Desktop Application
*.cp.thomsonreuters.com	Public Internet	FXall Desktop Application
*.refinitiv.net	Public Internet Extranet DNS	FXall Desktop Application FXT In-Trade Feed Adapter FXT Post-Trade Feed Adapters
*.refinitiv.com	Public Internet	FXall Desktop Application FXT In-Trade Feed Adapter
*.refinitiv.biz	Extranet DNS	FXall Desktop Application FXT In-Trade Feed Adapter

MIGRATION OF FXALL USERS

FXall currently uses two identity & access management services:

- FXall Siteminder (users log on using their FXall login ID)
- FXall (Refinitiv) AAA (users log on using their corporate email address)

Clients currently on FXall Siteminder are being migrated to FXall AAA.

It is essential that clients being migrated to FXall AAA implement all FQDNs listed for **both** the Thomson Reuters domain and the Refinitiv domain on their local network.

For FXall Siteminder users, please see [Appendix C FXall \(Siteminder\) FQDNs](#) on page 27.

FQDNs for FXall AAA users, please refer to [FQDNs, Ports, Protocols and IPs](#) on page 26.

WARNING If migrating from FXall Siteminder AAA, please remember to add all Thomson Reuters **and** Refinitiv FQDNs as listed in section [FQDNs, Ports, Protocols and IPs](#) on page 26.

FCN AND REFINITIV MANAGED CONNECTION EDNS – THOMSON REUTERS

The Thomson Reuters eDNS details are in the table below:

eDNS Location	IP Address	FQDN
London	192.152.41.71	edns04.uk.extranet.thomsonreuters.biz
New York	192.152.41.91	edns04.us.extranet.thomsonreuters.biz
Singapore	192.152.41.101	edns04.sg.extranet.thomsonreuters.biz

FCN AND REFINITIV MANAGED CONNECTION EDNS – REFINITIV

As part of the migration from the Thomson Reuters Domain to the Refinitiv domain the eDNS servers will change. The new Refinitiv FCN and Refinitiv Managed Connection eDNS server details are provided below:

eDNS Location	IP Address	FQDN
London	192.152.41.71	edns04.uk.extranet.refinitiv.biz
New York	192.152.41.91	edns04.us.extranet.refinitiv.biz
Singapore	192.152.41.101	edns04.sg.extranet.refinitiv.biz

FCN AND REFINITIV MANAGED CONNECTION EDNS – FXALL SITEMINDER

FXall Users on Siteminder eDNS is listed below.

eDNS Location	IP Address	FQDN
New York	159.43.8.30	dddns.fxall.com

Appendix B FXall Desktop Application

FQDNS, PORTS, PROTOCOLS AND IPS

The FXall Desktop application consumes services exposed over protocols/ports HTTPS/443. As previously stated, all FXall Desktop application services are available through both supported delivery channels (Refinitiv Managed Connection and Internet), client DNS forwarding and resolution determining the (single) channel used by an FXall Desktop instance.

FXall and Eikon share some DNS FQDNs and so it is recommended that customers should use the same Refinitiv access network for FXall and Eikon.

For example:

- If a customer is using the Internet to consume Eikon content then the customer should use the Internet to connect to and consume FXall.
- If a customer is using FCN to consume Eikon content then the customer should use the same FCN set to connect to and consume FXall
- If a customer is using Refinitiv Managed Connection to consume Eikon content then the customer should use the same Refinitiv Managed Connection set to connect to and consume FXall

For FXall Siteminder users, please see [Appendix C FXall \(Siteminder\) FQDNs](#) on page 27.

Table 7 lists the FQDNs and IPs used by the FXall desktop.

WARNING In order to have access to a fully resilient service all FQDNs must be configured and accessible regardless of user's location and FQDN area.

To aid in the interpretation of FQDNs, FXall utilises the following naming standard:

Top Level Domain (TLD)	Delivery Channel	Description
.biz	Refinitiv Managed Connection and FCN	Service FQDN accessible via Refinitiv Managed Connection and FCN, identifiable by the 3rd level domain of "extranet" and a TLD of .biz Example: emea1-apps.platform.refinitiv.biz There will always be a corresponding Internet only service FQDN, identifiable by a TLD of .com and the absence of a third level domain of "extranet"
.com	Internet	Service FQDN accessible via Internet only, identifiable by the TLD of .com Example: emea1-apps.platform.refinitiv.com There will always be a corresponding Refinitiv Managed Connection only service FQDN, identifiable by a TLD of .biz and a 3rd level domain of "extranet"
.net	FCN and Refinitiv Managed Connection and Internet	Single service FQDN accessible via either FCN, Refinitiv Managed Connection and Internet. Example: emea1-dealingedge.trading.refinitiv.net

SSL INSPECTION IS NOT SUPPORTED WITH FXALL

Refinitiv does not support FXall with use of enforce SSL inspection (sometimes called TLS/HTTPS Interception). If clients use SSL inspection they must configure URL filtering profiles to NOT enforce SSL inspection on any domains used by the FXall GUI. For example, you must trust all FQDNs from *.thomsonreuters.com, *.thomsonreuters.net, *.thomsonreuters.biz and *.refinitiv.com, *.refinitiv.net, *.refinitiv.biz domains.

Appendix C FXall (Siteminder) FQDNs

The FXall GUI uses different FQDNs when using FXall services that are configured via the FXall Admin Services (SiteMinder). These are listed in the table below:

Thomson Reuters domain FQDN	Refinitiv domain FQDN	Internet IP address	Refinitiv Managed Connection IP address	Port
altairadmin.fxall.com	Not Changing	216.74.163.21	N/A	HTTPS/443
altairadmin.fxall.com	Not Changing	216.74.163.21	159.43.8.6	HTTPS/443
bareports.fxall.com	Not Changing	209.191.134.140	159.43.8.20	HTTPS/443
blotter.fxall.com	Not Changing	216.74.163.20	159.43.8.18	HTTPS/443
blotter2.fxall.com	Not Changing	209.191.134.174	159.43.8.18	HTTPS/443
creditadminfix.fxall.com	Not Changing	209.191.134.148	159.43.8.23	HTTPS/443
creditadminfix2.fxall.com	Not Changing	209.191.134.148	159.43.8.23	HTTPS/443
fb.fxall.com	Not Changing	216.74.163.15	159.43.8.2	HTTPS/443
fb2.fxall.com	Not Changing	209.191.134.173	159.43.8.2	HTTPS/443
fxall.com	Not Changing	209.191.134.176	155.195.45.68	HTTPS/443
loginservice.fxall.com	Not Changing	209.191.134.134	155.195.45.71	HTTPS/443
loginservice.fxall.com	Not Changing	209.191.134.134	159.43.8.17	HTTPS/443
mm.fxall.com	Not Changing	216.74.163.11	159.43.5.149	HTTPS/443
mmt.fxall.com	Not Changing	216.74.163.22	159.43.5.150	HTTPS/443
newaddress.fxall.com	Not Changing	209.191.134.191	N/A	HTTPS/443
newaddress.fxall.com	Not Changing	209.191.134.191	159.43.8.21	HTTPS/443
operationscenter.fxall.com	Not Changing	N/A	159.43.8.15	HTTPS/443
poms.fxall.com	Not Changing	209.191.134.155	159.43.8.5	HTTPS/443
poms2.fxall.com	Not Changing	209.191.134.184	159.43.8.5	HTTPS/443
qc.fxall.com	Not Changing	216.74.163.19	159.43.8.7	HTTPS/443
qems.fxall.com	Not Changing	209.191.134.12	159.43.8.4	HTTPS/443
qems2.fxall.com	Not Changing	209.191.134.185	159.43.8.4	HTTPS/443
qt.fxall.com	Not Changing	216.74.163.9	159.43.8.1	HTTPS/443
qt2.fxall.com	Not Changing	209.191.134.172	159.43.8.1	HTTPS/443
reporting.fxall.com	Not Changing	216.74.163.1	159.43.8.19	HTTPS/443
scenter.fxall.com	Not Changing	216.74.163.3	159.43.5.148	HTTPS/443
stp-fix.fxall.com	Not Changing	216.74.163.50	159.43.8.22	HTTPS/443
stp-fix2.fxall.com	Not Changing	209.191.134.150	159.43.8.22	HTTPS/443
tc.fxall.com	Not Changing	209.191.134.170	159.43.8.13	HTTPS/443
tcoptions.fxall.com	Not Changing	209.191.134.156	159.43.8.14	HTTPS/443
wlsso.fxall.com	Not Changing	216.74.163.6	159.43.8.12	HTTPS/443

Thomson Reuters domain FQDN	Refinitiv domain FQDN	Internet IP address	Refinitiv Managed Connection IP address	Port
www.fxall.com	Not Changing	5.79.36.210	159.43.8.16	HTTPS/443
blotter.accelor.fxall.com	Not Changing	209.191.134.6		HTTPS/443
ccg.fxall.com	Not Changing	209.191.134.15		
creditadmin.accelor.fxall.com	Not Changing	209.191.134.3		HTTPS/443
creditadminfix.fxall.com	Not Changing	209.191.134.148		HTTPS/443
fixdc.accelortrading.com	Not Changing	209.191.134.18		TLS/443, Plain Text/8082
fixtrading.accelortrading.com	Not Changing	209.191.134.9		TLS/443-448, Plain Text/8085-8090
ftp1.fxall.com	Not Changing	209.191.134.21		FTP/21
marketview.accelortrading.com	Not Changing	209.191.134.16		TLS/443, Plain Text/8080
mds.fxall.com	Not Changing	209.191.134.14		TLS/443-444, Plain Text/18083,18095,8080
qems-su.fxall.com	Not Changing	209.191.134.2		TLS/443

