



NZX TRANSFERHUB

TECHNICAL CONNECTIVITY DOCUMENTATION

Secure File Transfer Protocol (SFTP)
Static Data File Delivery

17 December 2025

CONTENTS

1. INTRODUCTION	3
2. SCOPE OF SERVICE	3
3. TRANSITION ARRANGEMENTS	4
4. AUTHENTICATION AND ACCESS CONTROL.....	4
5. USER ACCOUNTS AND CREDENTIALS	5
5.1 Account Types	5
5.2 Public Key Management	5
6. PROVISIONING AND ONBOARDING	5
7. CONNECTIVITY DETAILS	6
7.1 Supported Protocol	6
7.2 Environment Details	6
EXT – External Test Environment	6
PROD – Production Environment.....	6
8. DIRECTORY STRUCTURE AND FILE HANDLING	7
8.1 Directory Structure	7
8.2 File Naming Convention	7
9. OPERATIONAL GUIDELINES.....	7
10. SUPPORT AND INCIDENT MANAGEMENT	8

1. INTRODUCTION

This document describes the connectivity, authentication, and access requirements for retrieving NZX static market data files from the NZX Transfer Hub.

NZX TransferHub is a secure file delivery platform that replaces the existing I-Search and WebData platforms for static data distribution.

The document is intended for client technical and operations teams responsible for configuring automated or manual file retrieval processes.

To support client onboarding and testing, NZX provides both testing (EXT) and production (PROD) environments.

Any issues relating to access, connectivity, or file availability should be directed to NZX Information Services as outlined in Section 10.

2. SCOPE OF SERVICE

NZX TransferHub is used exclusively for the delivery of static market data files.

This includes, but is not limited to:

- Corporate Actions
- Market Activity files
- Market Share files
- WebData static files

The following services are not impacted by this change:

- Real-time data delivery
- Streaming or display services
- API-based data services

File formats, data content, and naming conventions remain unchanged from the existing platforms.

3. TRANSITION ARRANGEMENTS

A transition period applies to allow clients sufficient time to migrate to NZX TransferHub.

- From now until 1 May 2026, static data files will be available via both NZX TransferHub and the existing I-Search and WebData platforms.
- From 1 May 2026, I-Search and WebData will be retired and static data files will be delivered via NZX TransferHub only.

Clients are expected to complete onboarding prior to the retirement date.

4. AUTHENTICATION AND ACCESS CONTROL

Access to NZX TransferHub is provided using Secure File Transfer Protocol (SFTP) with key-based authentication.

The following controls apply:

- Web based Authentication is managed via Microsoft Entra ID
- IP whitelisting is required for all SFTP client connections
- Public private key is supported

These controls are implemented to ensure clients access only data they are licensed for and to protect the platform from unauthorised access.

5. USER ACCOUNTS AND CREDENTIALS

5.1 Account Types

Clients may be provisioned with:

- Service accounts for automated or scripted data retrieval
- Individual user accounts for manual access or operational backup

Service account credentials should be restricted to authorised technical personnel only.

5.2 Public Key Management

Clients are required to:

- Generate a public and private key pair on their own systems
- Upload the public key via the NZX TransferHub interface

Private keys must be stored securely by the client.

NZX does not enforce a mandatory key rotation policy.

6. PROVISIONING AND ONBOARDING

Access to NZX TransferHub is provisioned by NZX Information Services.

The onboarding process is as follows:

1. Client submits an access request to data@nzx.com
2. NZX provisions access to the EXT (testing) environment
3. Client uploads public key and configures connectivity
4. Client confirms successful testing (Note data in ext may not reflect prod data)
5. NZX enables access to the PROD (production) environment

Clients are responsible for validating connectivity and reporting any issues promptly.

7. CONNECTIVITY DETAILS

7.1 Supported Protocol

- Secure File Transfer Protocol (SFTP)
- Browser based access (HTTPS)
- Internet access only
- All data transfers are encrypted in transit

7.2 Environment Details

EXT – External Test Environment

- Purpose: Client testing and validation

Web Based Access

- URL: <https://ext-transferhub.nzx.com/web/client/login>

SFTP Access

- Host Name: ext-sftp-transferhub.nzx.com
- Port: 22
- User credentials – as supplied by Information Services

PROD – Production Environment

- Purpose: Live file delivery

Web Based Access

- URL: <https://transferhub.nzx.com/web/client/login>

SFTP Access

- Host Name: transferhub-sftp.nzx.com
- Port: 22
- User credentials – as supplied by Information Services

8. DIRECTORY STRUCTURE AND FILE HANDLING

8.1 Directory Structure

Directory structures are similar to those used on I-Search and WebData.

Example locations:

- (i-search) https://www.i-search.nzx.com/corporate_actions/
- (TransferHub Web) <https://transferhub.nzx.com/web/client/files?path=%2FCorporateActions&=1765849042>
- (TransferHub SFTP) /CorporateActions

8.2 File Naming Convention

Files follow the naming format: FileName-YYMMDD

Example: Corporate_actions-251201

The SFTP interface supports searching by file name and date.

9. OPERATIONAL GUIDELINES

Clients are expected to:

- Avoid excessive polling of directories
- Implement sensible retry logic
- Monitor successful file transfers

Where a file is not yet available, clients should retry at reasonable intervals to avoid unnecessary load on the platform.

10. SUPPORT AND INCIDENT MANAGEMENT

When enabling IP whitelisting there may be some delay in provisioning, clients should factor this into deployment plans.

Any issues relating to:

- Connectivity
- Authentication
- File availability
- Directory access

Should be reported to NZX Information Services.

Support contact:

Email: data@nzx.com

When raising an issue, clients should include:

- Environment (EXT or PROD)
- Username or service account
- Timestamp of issue
- Error messages, where applicable