

# SUPPORT CONNECT KNOWLEDGE SERIES

Augment Your Problem-solving Capability

MARCH | EDITION 141



Welcome to the Finacle Global Support fortnightly knowledge bulletin! We're here to offer solutions for common challenges, share valuable tips, provide knowledge bytes, and keep you updated. Each edition is meticulously curated to ensure we share best practices and known resolutions. In this issue, you'll find the following articles:

- **LOG4FIN Async Logging Framework**
- **Enhanced Account Access Controls in Finacle Online Banking**

So, let's start reading!

## LOG4FIN Async Logging Framework

*Product: Finacle Core | Version: 10.2.25 and above*

**LOG4FIN** is a logging framework for Finacle Core that provides asynchronous logging for Instrumentation and Debug logs. It provides below features:

- Asynchronous Logging
- Single File Logging (per user and process)
- Rotation Policy
- Instrumentation
- Message Structure for Batch or SRV Failures
- Fatal Errors – stack trace with function arguments

**fincoreloggingproperties.json**: Logging parameters for both Instrumentation and Debug logs are loaded from this file. It should be placed under the **ONS\_LOG\_DIR** path and include the following parameters:

```

{
  "GLOBAL_SETTINGS": {
    "INSTRUMENT_LOG": {
      "LEVEL": "${INSTRUMENT_LOG_LEVEL}",
      "ASYNCIO": "${INSTRUMENT_LOG_ASYNCIO}",
      "ROTATION_POLICY": {
        "FILESIZE_BYTES": ${INSTRUMENT_LOG_FILESIZE_BYTES},
        "INTERVAL_MINS": ${INSTRUMENT_LOG_INTERVAL_MINS}
      }
    },
    "DEBUG_LOG": {
      "ASYNCIO": "${DEBUG_LOG_ASYNCIO}",
      "ROTATION_POLICY": {
        "FILESIZE_BYTES": ${DEBUG_LOG_FILESIZE_BYTES},
        "INTERVAL_MINS": ${DEBUG_LOG_INTERVAL_MINS}
      }
    },
    "PATH": "${LOG_FILE_PATH}"
  },
  "SETTING_FOR_ALL_USERS": {
    "DEBUG": {
      "USERS": ["${DEBUG_LOG_USERS}"],
      "LEVEL": "${DEBUG_LOG_LEVEL}"
    }
  }
}

```

**FINACLE\_LOG4FIN\_ENABLED:** Parameter to enable or disable this logging framework. It can be set in commonenv.com or in the core services start script, with valid values Y/N. If set to Y, Log4Fin is enabled; if set to N, the previous logging framework is used.

**GLOBAL\_SETTINGS** - Denotes Global Settings of Instrumentation and Debug Log and path for log file.

**INSTRUMENT\_LOG** - Denotes Block for Fincore Instrumentation

**DEBUG\_LOG** - Denotes Block for Fincore Debug

**LEVEL** - Valid log level for FINCORE debug and instrumentation.

DEBUG\_LOG Levels -> ERROR, WARN, INFO, DEBUG, TRACE, ETRACE

INSTRUMENT\_LOG -> NONE, BASIC, DETAILED

**ASYNCIO** - Should be set to true to enable async logging

**ROTATION\_POLICY** - Denotes the time interval and file size at which file needs to be rotated to a new name.

If both the parameters below are set to 0, by default hourly rotation will be used as below

Example for instrumentation log:

FINCORE\_Instrumentation\_PID\_01012026\_12.log

FINCORE\_Instrumentation\_PID\_01012026\_13.log

Last two numbers denote the current hour in 24HR format.

Example for user debug log:

FINCORE\_PID\_USER\_DDMMYYYY.log

**PATH** - PATH where logs to be created

**SETTINGS\_FOR\_ALL\_USERS** - Denotes the user and log level configuration for the users specified

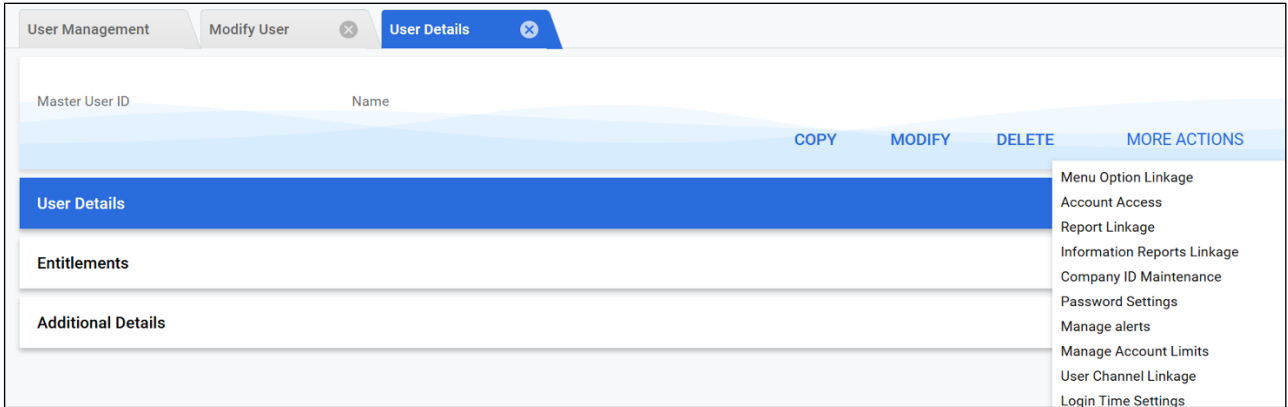
## Enhanced Account Access Controls in Finacle Online Banking

**Product: Finacle Online Banking | Version: 11.16 onwards**

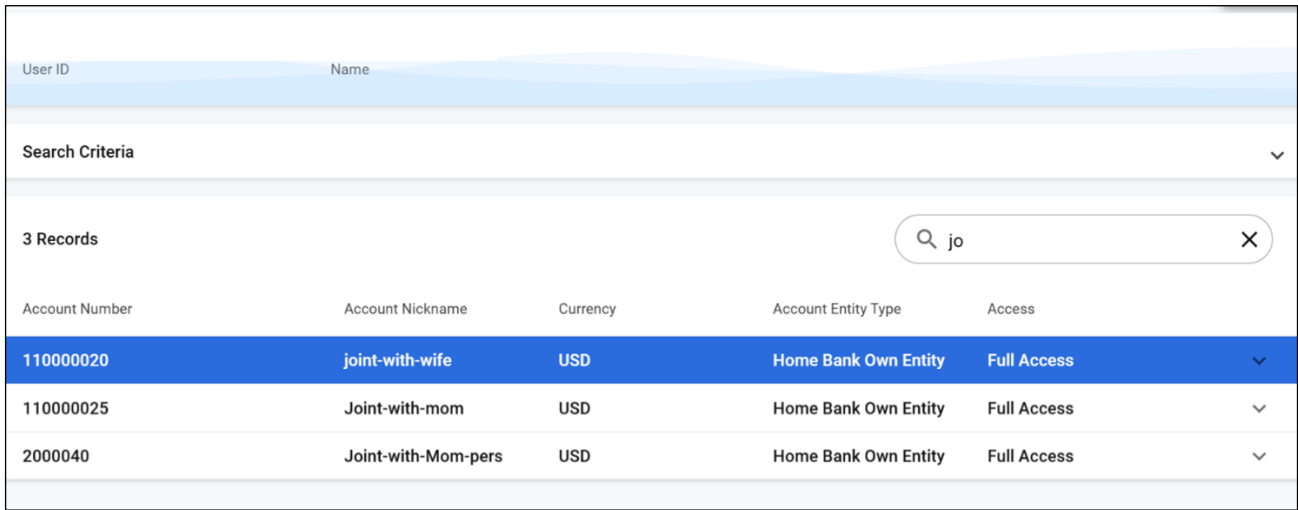
Finacle Online Banking introduces an improved **Account Access Management** feature, enabling corporate admins to easily modify **real and virtual account access** through a simplified UI. This enhancement ensures faster control over inquiry, transaction, and authorization rights for the different holders of the account.

### Configuration Steps:

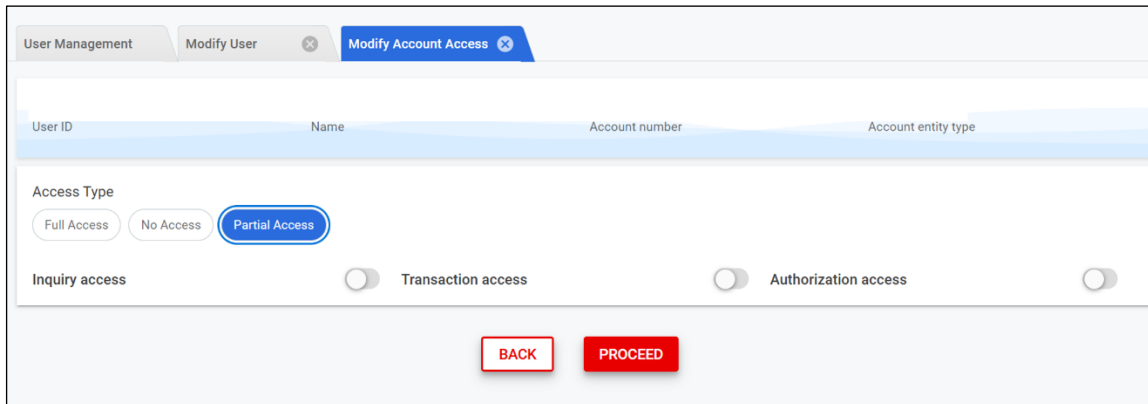
- Go to **Administration > Users**, open the user profile, and select **More Actions** → **Account Access**



- Use enhanced filters to search accounts by type, currency, or entity



- Set access as **No**, **Partial**, or **Full**, and toggle specific transaction types if required



- Confirm changes using the **transaction password**

**Benefits:**

Admins gain **finer control** over user entitlements, improving security, compliance, and operational efficiency while ensuring accurate account-level permissions.

The revamped Finacle Support Center is now accessible through these URLs. Bookmark them for easy access and login!

- **Customer Access and Login:** <https://support.finacle.com>
- **Finacle Knowledge Center:** <https://docs.finacle.com/en/signin>

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