

Oracle® Banking Supply Chain Finance

Troubleshooting User Guide



Release 14.7.0.0.0, Part Number – F72110-01
November 2022

ORACLE®

Copyright © 2021, 2022, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, and MySQL are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

1	Preface	
2	Troubleshooting Technical Flows	
2.1	Where is the Problem	2-1
2.2	Preliminary Checks from UI	2-1
2.3	Troubleshooting Environmental Issues	2-3
2.3.1	Oracle Banking Supply Chain Finance Environment Variables	2-3
2.3.2	Possible Issues While Deploying Services	2-11
2.3.3	Possible Issues in Login and Screen Launch	2-11
3	Troubleshooting Kafka Issues	
	Setting Up Kafka	3-1
	Check if Kafka is running	3-2
4	Health Checks	
5	Troubleshooting Functional Workflows	
5.1	Business Error Codes	5-4
6	Troubleshooting OutOfMemory Issues	
6.1	Extracting Headdump	6-1
6.2	JFR Tool in Java	6-2
6.3	Quick Recovery	6-2
7	Troubleshooting Deployment Errors/Exceptions	
7.1	Solutions for Error/Exceptions that can occur due to flyway while deployment	7-1

Index

1

Preface

About this Guide

This Troubleshooting Guide provides guidance to users for the issues within the application. It describes various methods to figure out the error and then troubleshoot it.

Audience

This guide is intended for the software developers and software testers.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/us/corporate/accessibility/index.html>.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

Table 1-1 Acronyms and Abbreviations

Abbreviation	Description
OBSCF	Oracle Banking Supply Chain Finance
OBCM	Oracle Banking Cash Management
OBSCFCM	Oracle Banking Supply Chain Finance and Cash Management
MOC	Mid office Common Core
OBMA	Oracle Banking Micro Service Architecture
SMS	Security Management System
CMC	Common Core
ELK	Elasticsearch Logstash Kibana

List of Topics

Table 1-2 List of Topics

Topics	Description
Troubleshooting Technical Flows	Explains the platform wide troubleshooting of technical flows. This includes UI side checking, Service side logs and some environment issues of WebLogic.
Troubleshooting Kafka	This chapter details the various issues and troubleshooting techniques for Kafka use cases.
Health Checks	Explains the health check measures and observability required.
Troubleshooting Functional Workflows	This topic provides information about the troubleshooting flows and specific data stores that can be checked for issues.
Troubleshooting OutOfMemory issues	This chapter discusses the steps to collect heap dump for OutOfMemory issues.

Prerequisites for End Users

The prerequisites are as follows:

- Basic understanding of Eventing platform
- Basic understanding application log analysis using tools
- Basic understanding DB changes

Related Documents

The related documents are as follows:

- Oracle Banking Common Core User Guide
- Oracle Banking Getting Started User Guide
- Oracle Banking Security Management System User Guide

2

Troubleshooting Technical Flows

This topic describes about various programming issues, possible causes, and solutions to resolve the issues.

This topic consists of the following sub-topics:

- [Where is the problem](#) (page 2-1)
- [Preliminary checks from UI](#) (page 2-1)
- [Troubleshooting Environmental Issues](#) (page 2-3)

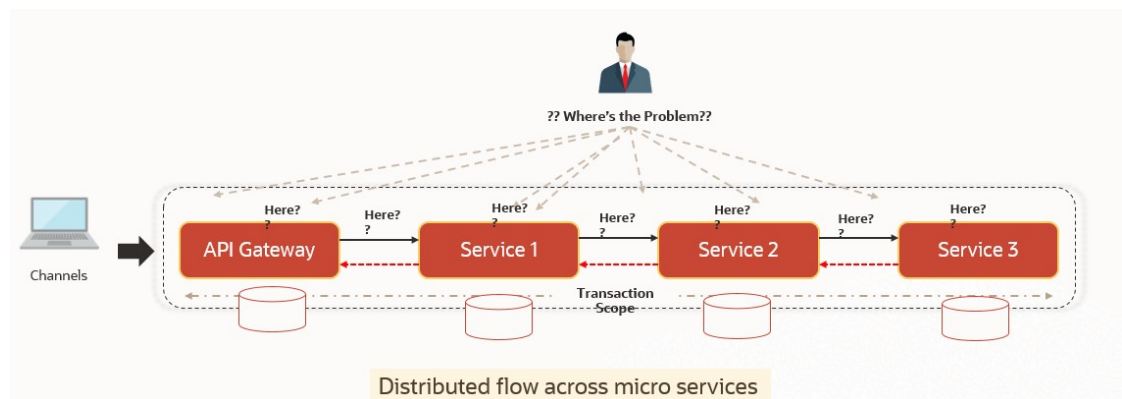
2.1 Where is the Problem

This topic describes about troubleshooting the problem in the distributed system.

Troubleshooting the problem in the distributed system can be challenging, if not understood fully. Each product has UI application components and service side application components. Each side requires different troubleshooting techniques and various logs that can be used to corroborate the problem.

It is important to establish the area of the problem on the service side. It can be achieved by a complete understanding of UI and service side flows along with the data architecture of an application.

Figure 2-1 Distributed Flow Across Micro Services



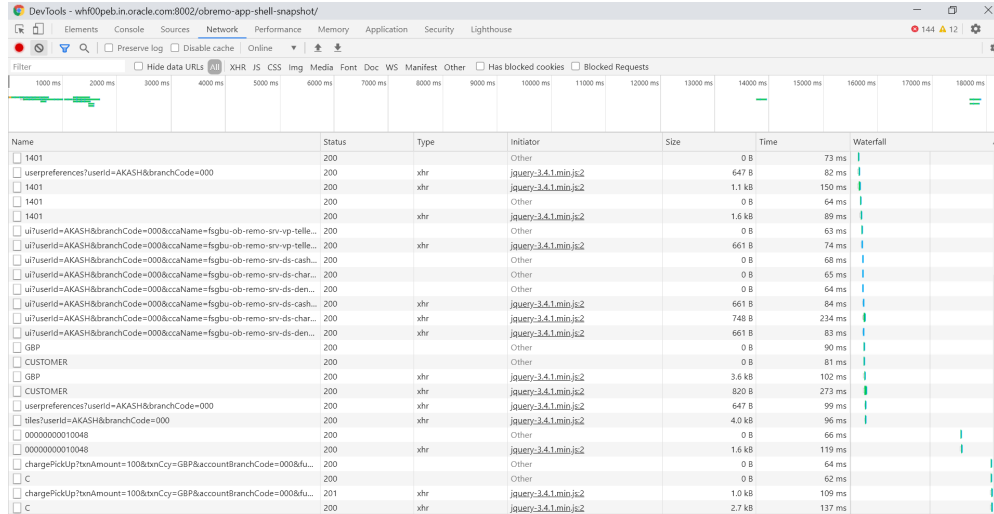
2.2 Preliminary Checks from UI

This topic provides systematic instructions to launch the application and check for the basic errors.

1. Launch the application with delegated URL.

2. Press **F12** key and select **Inspect and See network**.
3. Verify that all the call responses are successful.

Figure 2-2 Call Responses



Note:
Usually Red color indicates non 2xx HTTP response.

Figure 2-3 Non 2xx Response

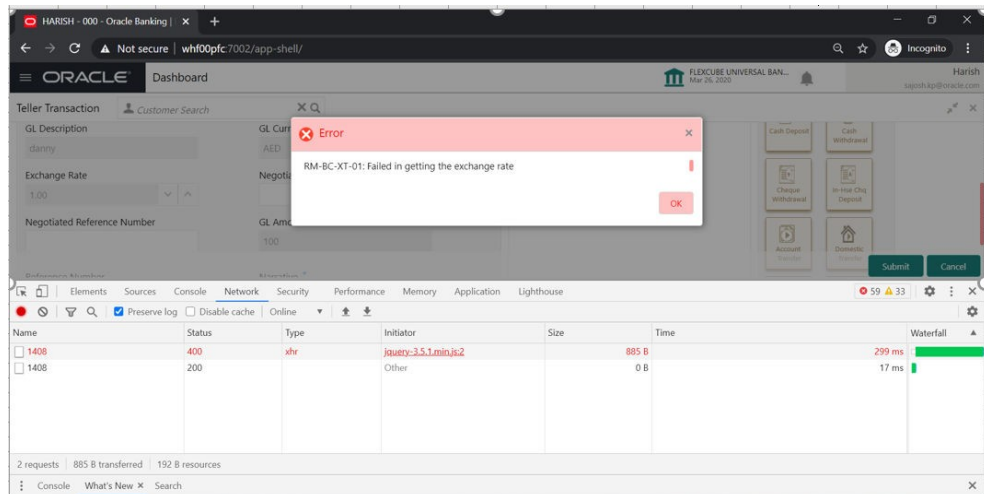
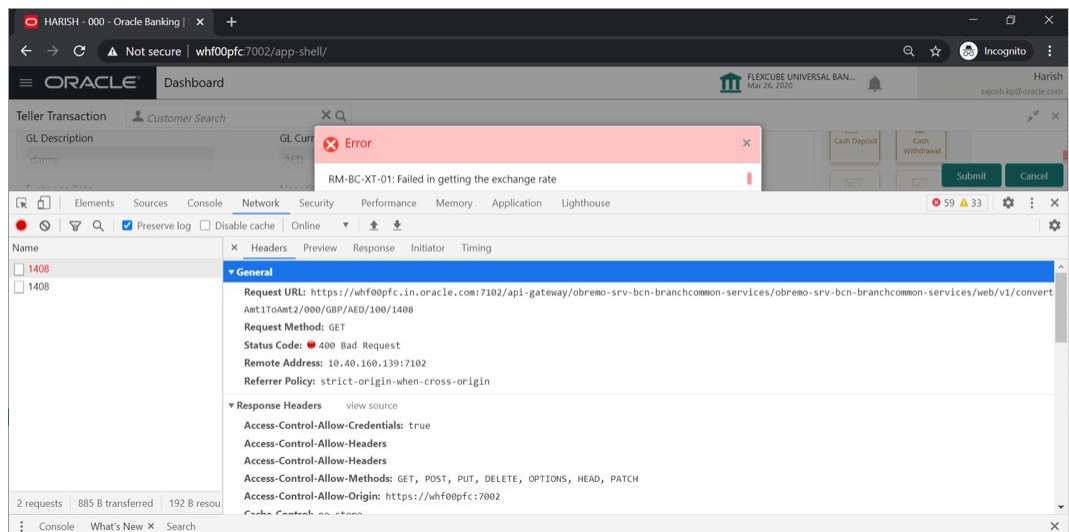


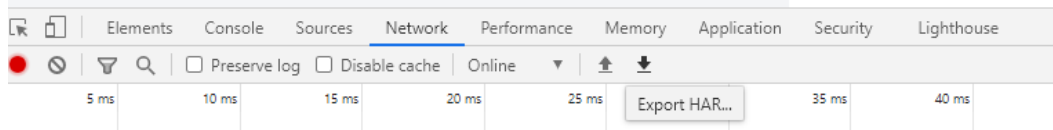
Figure 2-4 Non 2xx Response Details



4. Export the trace using the **Export** in browsers.

Example: The user can see the export option as shown below in Chrome.

Figure 2-5 Export Option



Note:

The tools such as **Fiddler** and **Wireshark** can be used to get the browser to API gateway web traffic. This helps to investigate the exact request and response payloads exchanged between UI and API Gateway.

2.3 Troubleshooting Environmental Issues

This topic describes about the troubleshooting environmental issues.

This topic consists of the following sub-topics:

- [Possible issues while deploying services](#) (page 2-11)
- [Possible issues in login and screen launch](#) (page 2-11)

2.3.1 Oracle Banking Supply Chain Finance Environment Variables

This topic lists the environment variables with respect to Oracle Banking Supply Chain Finance.

Env Param name	Env Param value	Comments
flyway.domain.placeHolders.eureka.client.serviceUrl.defaultZone	Eureka service url	eureka service url
flyway.domain.placeHolders.obscf.day0.server.port	Managed server listen port for obscf-day0-service	server port no for obscf day0 server
flyway.domain.placeHolders.cmc-ml-indb-services.server.port	Managed server listen port for cmc-ml-indb-services	port no to be defined
chatbot.url	Url where chatbot service is hosted. For DEV: http://whf00ixe.in.oracle.com:8003	specify url for chatbot
oda.uri	idcs-oda-d501204fbc4d496dac7b74d15a590dce-t0.data.digitalassistant.oci.oc-test.com	specify uri
oda.channelid	569a0fbd-d1f4-4a9c-ad7c-86eab83bf957	ChannelId required
oda.secretkey	a5TAAyLQFID0kx0kD1dS41W7d67Hsi80	Secret Key required
oda.isoda	Y	Value would be Y or N
plato-rule-service.server.port	Managed server listen port for target service	port no to be defined
obscfcm_role_id	OBSCFCM_ROLE	specify roleid
obscf_role_id	OBSCF_ROLE	specify roleid
obcm_role_id	OBCM_ROLE	specify roleid
flyway.domain.placeHolders.cmc-obrh-services.kafka.enabled	TRUE	can be true or false
flyway.domain.placeHolders.cmc-sla-services.server.port	Managed server listen port for target service	role id needed
flyway.domain.placeHolders.obscfcm.filter.service.appld	OBSCFCMFILTER	Specify the filter for obscfcm
flyway.domain.placeHolders.obscf.core.service.appld	SCFCORE	Specify the applID
flyway.domain.placeHolders.obscfcm.alert.core.userId	Alert Core User ID	userId needed
flyway.domain.placeHolders.obscfcm.alert.core.branchCode	Alert Core Branch Code	branch code needed
flyway.domain.placeHolders.obscfcm.filter.service.appld	Filer Service app id for alert reference	appid required
obscfcmalert.db.jndi	JDBC JNDI for Alert Services (eg: jdbc/OBSCFCM_ALERTS)	specify jndi
flyway.domain.placeHolders.obscfcm.alert.server.port	Managed server listen port for target service	port no to be set
flyway.domain.placeHolders.obcbs.server.port	Managed server listen port for target service	port no to be set
flyway.domain.placeHolders.plato.services.rule.uri	http://<host:port>/rule-service	url needed
flyway.domain.placeHolders.cmc-obcbs-services.schemas	COMMON_CORE schema name	schema name to be specified
flyway.domain.placeHolders.plato.service.logging.path	Log dir path	log directory path required

flyway.domain.placeHolders.plato.service.env	Environment (eg: DEV)	specify environment
flyway.domain.placeHolders.orch.c.brn	Branch code(eg:004)	Branch code specify
flyway.domain.placeHolders.orch.c.user	orch user name	orch user name needed
flyway.domain.placeHolders.orch.enableDynamicAllocation	FALSE	Dynamic allocation has been specified to false
flyway.domain.placeHolders.orch.enableSLA	FALSE	SLA has been specified to false
flyway.domain.placeHolders.report-service.hostname	Hostname where plato-report-service is deployed.	specify the hostname for report service
flyway.domain.placeHolders.report-service.domain.jndi	JDBC JNDI for report services (eg: jdbc/REPORTSERVICE)	specify jndi
flyway.domain.placeHolders.cmc.schemas	COMMON_CORE schema name	specify cmc schemas
flyway.domain.placeHolders.report-service.template-metadata-directory	plato-reports template metadata dir. Eg: /scracth/work_area/application/plato-reports/template-metadata	directory to be specified correctly
flyway.domain.placeHolders.report-service.output-directory	plato-reports output dir. Eg: /scracth/work_area/application/plato-reports/output/	output directory path to be specified
flyway.domain.placeHolders.report-service.fop-config-file	plato-reports configuration file. Eg: /scracth/work_area/application/plato-reports/fop.xconf	plato report configuration file
user_login_id	Default user login id.	userId needed
branchId	Default branch UUID	branch id needed
branchCode	Default branch code.	code needed for branch
flyway.domain.placeHolders.plato.alerts.email.userId	Source Email-Id through which alert will be sent.	source email user id needed
flyway.domain.placeHolders.plato.alerts.email.password	Password for source Email-Id encoded in base64 format.	password needed
bankCode	Default bank code.	specify bank code
bankdesc	Bank description	description needed
branchCode	Branch code	code needed for branch
branchname	Branch name	name for branch specify
branchaddr1	Branch address line 1	Branch address line 1 needs to be set
branchaddr2	Branch address line 2	Branch address line 2 needs to be set
branchaddr3	Branch address line 3	Branch address line 3 needs to be set

branchccy	Default branch currency	branch currency to be set
countrycode	Default country code	country code needs to be set
walkincustomer	Walkin customer number	walkin customer number needs to be set
hostcode	Default host code	host code needs to be set
hostdesc	Hot description	Description of the host needs to be set
processtimezone	Process time zone given	processing time zone needs to be set
sourcesystem	Dafault source system	source system needs to be set
sourcesystemdesc	Default source system description	description of the source system required
sourcesystembranch	Default source system branch	source system branch required
processtimezone	Default process timezone	time zone for processing needed
cmc.db.jndi	JDBC JNDI for CMC	jndi required to be set for cmc
obscfcore.enabled	Default is true. If you don't want to run domain flyway for this module make it false.	You can enable or disable obscf core service
cmc.app.locations	db/migration/cmc/obscf-day0. If you want to run flyway cmc for other module, add complete path seprated by comma(,).	used for cmc service
sms.app.locations	db/migration/sms/obscf-core-services,db/migration/sms/obscf-finance-services,db/migration/sms/obscf-limit-maintenance-services,db/migration/sms/obscf-limits-services,db/migration/sms/obscf-report-services,db/migration/sms/obscfcm-alerts-services. If you don't want to run sms script for specific module, remove its entry.	used for sms service
plato.app.locations	db/migration/plato/obscf-core-services,db/migration/plato/obscf-finance-services,db/migration/plato/obscf-limit-maintenance-services,db/migration/plato/obscf-limits-services,db/migration/plato/obscf-report-services. If you don't want to run plato script for specific module, remove its entry.	used for plato service

platoui.app.locations	db/migration/platoui/obscf-core-services. If you want to run plato ui script for specific module add complete path seprated by comma(,) or remove it if you dont want to run.	used for platoui service
applicationCode	Application Code	application code needs to be set
user_id_2	Second Admin User ID	second admin user id needs to be set
user_start_date	Provides the user start date Format: 'DD-MON-RR'	Start date for user required
user_end_date	Provides the user end date Format: 'DD-MON-RR'	End date for user required
today	Present working day Format: 'DD-MON-RR'	Present working date required(today)
prev_working_day	Previous working day Format: 'DD-MON-RR'	Previous working date needs to be set
next_working_day	Next working day Format: 'DD-MON-RR'	Next working date needs to be set
applicationCode	Application Code	specify application code
flyway.sms.placeHolders.applicationCode	Application Code (OBSCF/OBCM/ BOTH) on what kind of installation is in scope	specify application code
plato.jndi.resources.prefix	Default is false. For tomcat env, value should be true	prefix to be specified
plato.services.eureka.uri	http://<eureka host>:<eureka port>	uri needed
eureka.connectTimeout	10000	the connection timeout to be set
eureka.readTimeout	10000	the read timeout to be set
ribbon.connectTimeout	20000	the connection timeout to be set
ribbon.readTimeout	20000	the read timeout to be set
flyway.domain.placeholders.obvam.service.branchCode	Branch Code to connect to obvam system (eg. 006)	branch code needed
flyway.domain.placeholders.obvam.service.userId	User Id to connect to obvam system (eg. OBVAMUSER2)	userId needed
flyway.domain.placeHolders.opds.server.port	Server listen port of cmc-opds-service (eg. 7005)	port no needed
flyway.domain.placeHolders.cmc-opds-services.schemas	Schema Name for cmc-opds-service (eg. COMMON_CORE)	placeholders to be specified
flyway.domain.placeHolders.obcl_service_consumer	OBSCF_OBCL or OBSCFCM_STUB (if OBCL system is missing like on Cloud so we use the stub)	placeholders to be specified
plato.services.eureka.uri	http://<plato-config-service deployed host>:<plato-config-service listen port>	specify uri

finance_rule_userid	User Id for finance rule(eg SUNIL)	userid needed
platoorch.domain.jndi	JDBC JNDI for PLATOORCH (eg. jdbc/OBSCFCM_WORKFLOWS_CONDUCTOR)	jndi required to be set for platoorch
obcm_userid	User Id for OBCM Dynamic Task Allocation (eg. SUNIL)	userid needed
obscf_role_id	Role for OBSCF Dynamic Task Allocation (eg: OBSCF_ROLE)	role id needed
flyway.domain.placeHolders.obpm.service.obpmBranchCode	240	obpm branch code required
flyway.domain.placeHolders.obpm.service.obpmSourceCode	EXTSYS	obpm source code required
flyway.domain.placeHolders.obpm.service.userId	ANUB01	obpm userID required
flyway.domain.placeHolders.obpm.service.serviceConsumer	OBSCFCM_OBPM	obpm serviceConsumer required
flyway.domain.placeHolders.obpm.service.createPMSinglePayOut	CreatePMSinglePayOut	obpm singlePayout required
flyway.domain.placeHolders.obpm.service.obpmHostCode	INDIA	obpm HostCode required
flyway.domain.placeHolders.obpm.service.obpmLoanSourceCode	OBSCF	obpm LoanSourceCode required
flyway.domain.placeHolders.obpm.service.createExternalConsumerLoan	CreateExternalConsumerLoan	obpm external consumer loan required
flyway.domain.placeHolders.obcl.userId	BALLI_02	obcl userId needs to be provided
flyway.domain.placeHolders.obcl.source	SCFEXT	obcl source needs to be provided
flyway.domain.placeHolders.obrh.path	http://<obrh host>:<obrh port>/cmc-obrh-services/route/dispatch	obrh path needs to be provided
flyway.domain.placeHolders.obcl.service.QueryLoanOSAmount	QueryLoanOSAmount	obcl queryLoanOSAmount required
flyway.domain.placeHolders.obcl.service.CreateContractSim	CreateContractSim	obcl CreateContractSim required
flyway.domain.placeHolders.obcl.service.CreateContract	CreateContract	obcl CreateContract required
flyway.domain.placeHolders.obcl.service.ModifyContAmend	ModifyContAmend	obcl contract modification required
flyway.domain.placeHolders.obcl.service.CreatePayment	CreatePayment	obcl create payment required
flyway.domain.placeHolders.obcl.service.ReverseContract	ReverseContract	obcl reverseContract required

flyway.domain.placeholders.obcl.vice.QueryTrnInfo	QueryTrnInfo	obcl query Transaction required
flyway.domain.placeholders.fcubsBranchId	0	branch id needed
user_id_2	SWETA	userId needed
user_id_2	SWETA	userId needed
platobatch.db.jndi	jdbc/PLATOBATCH	jndi needed
platobatch.app.locations	db/migration/platobatch/obscfcm-batch-jobs	location path required
flyway.domain.placeholders.apigateway.protocol	http or (https for cloud deployments)	specify protocol
flyway.domain.placeholders.plato.alerts.email.smtp.host	internal-mail-router.oracle.com	host code needs to be set
flyway.domain.placeholders.plato.alerts.email.smtp.out.port	25	port no needed
flyway.domain.placeholders.plato.alerts.email.auth	FALSE	auth to be specified
flyway.domain.placeholders.plato.alerts.email.socketfactory.port	25	port no needed
flyway.domain.placeholders.orch.usingRuleEngine	FALSE	rule engine can be true or false
flyway.domain.placeholders.plato.samlSSOEnabled	FALSE	can be true or false
flyway.domain.placeholders.plato.fee.d.email.password		
flyway.domain.placeholders.plato.fee.d.email.userId		
flyway.domain.placeholders.plato.fee.d.sms.userId		
flyway.domain.placeholders.plato.fee.d.sms.branchCode		
flyway.domain.placeholders.plato.fee.d.sms.applId		
flyway.domain.placeholders.plato.fee.d.sms.multiEntityAdmin		
flyway.domain.placeholders.plato.fee.d.email.smtp.host		
flyway.domain.placeholders.plato.fee.d.email.smtp.out.port		
flyway.domain.placeholders.plato.fee.d.email.auth		
flyway.domain.placeholders.plato.fee.d.email.socketfactory.port		
eod.db.jndi	jdbc/EOD	specify jndi
zookeeper.host	zookeeper.host= <zookeeper_host>	host needed
flyway.domain.placeholders.INTEGRATION.ENABLED	true if FCUBS integration is enabled, else false	can be true or false
flyway.domain.placeholders.cmc-deprecation-service.server.port	<Listen port for deprecation service>	port no

platoorch.domain.jndi	JDBC JNDI for PLATOORCH (eg. jdbc/OBSCFCM_WORKFLOWS_CONDUCTOR)	jndi required
multi_entity_admin_user	<Multi entity admin user>	Specify multi entity admin user
multi_entity_user_email	<Multi entity user email address>	Specify the user email address
multi_entity_user_end_date	<Multi entity user end date> Format: 'DD-MON-RR'	Specify user end date
multi_entity_user_start_date	<Multi entity user start date> Format: 'DD-MON-RR'	Specify user start date
platosecurity.db.jndi	JDBC JNDI for PLATOSECURITY (eg. jdbc/PLATO_SECURITY)	specify jndi details
cmc-additional-attributes-services.server.port	<Listen port for cmc-additional-attributes-services>	port no needed
flyway.domain.placeholders.manualrecon.obvam.userid	<User Id for manual recon obvam>	userid needed
flyway.domain.placeholders.accounting.obvam.userid	<User Id for accounting obvam>	userid needed
flyway.domain.placeholders.obcmpredict.server.port	<Managed server listen port for obcm-cashflow-prediction-services>	port no needed
obcmcashflowprediction.db.jndi	jdbc/OBCM_CASHFLOW_PREDICTION	jndi required
flyway.domain.placeholders.plato.services.kafka.brokers	<kafkahost>:<port>	port no needed
flyway.domain.placeholders.plato.services.kafka.brokers	<kafkahost>:<port>	port no needed
flyway.domain.placeholders.alerts.email.attachment.encryption.passKey	X	passKey to be specified
flyway.domain.placeholders.alerts.email.attachment.watermark.required	FALSE	You can either specify true or false
flyway.domain.placeholders.alerts.email.attachment.watermark.image.location	Y	You can either specify true or false
flyway.domain.placeholders.cmc-mis-services.server.port	<Managed server listen port of cmc-mis-services>	port no needed
flyway.domain.placeholders.cmc-mis-services.jndi	jdbc/CMNCORE	jndi required
flyway.domain.placeholders.cmc-mis-services.schemas=	COMMON_CORE	
flyway.domain.placeholders.kafka.ssl.truststore.location	/scratch/kafka/ssl/KafkaServerTrustStore.jks or <path where jks file is stored on server>	location path needed
flyway.domain.placeholders.kafka.ssl.truststore.password	oracle123 or <Password used for generating trust store>	password to be given out for kafka
flyway.domain.placeholders.kafka.binder.jaas.options.username	admin or <ZK user>	specify username
flyway.domain.placeholders.kafka.binder.jaas.options.password	admin-secret or <ZK password>	password to be specified

flyway.domain.placeHolders.kafka.binder.configuration.sasl.mechanism	SCRAM-SHA-256	specify the mechanism
flyway.domain.placeHolders.kafka.binder.configuration.security.protocol	PLAINTEXT if Kafka is non-SSL, SASL_SSL is Kafka is SSL enabled.	security protocol to be provided
flyway.domain.placeHolders.cmc-resourceclass-services.jndi	jdbc/CMNCORE	jndi to be specified
flyway.domain.placeHolders.cmc-resourceclass-services.schemas	COMMON_CORE	common core schema name required
flyway.domain.placeHolders.kafka.binder.jaas.loginModule	org.apache.kafka.common.security.scram.ScramLoginModule	login module to be given out

2.3.2 Possible Issues While Deploying Services

This subsection describes the possible issues that may occur in the environment.

Service deployment is failing due to flyway

If the service deployment is failing due to flyway, verify that the object or record is already present and make changes in the flyway scripts accordingly.

Other possible issues

The other possible issue while deploying services could be multiple version of dependency jars present in the war file. For example, “weblogic.application.naming.EnvironmentException: duplicate persistence units with name PLATO in scope cmc-customer-services-5.3.0.war.”

2.3.3 Possible Issues in Login and Screen Launch

This topic describes the possible issues that may occur while logging in and launching the screens.

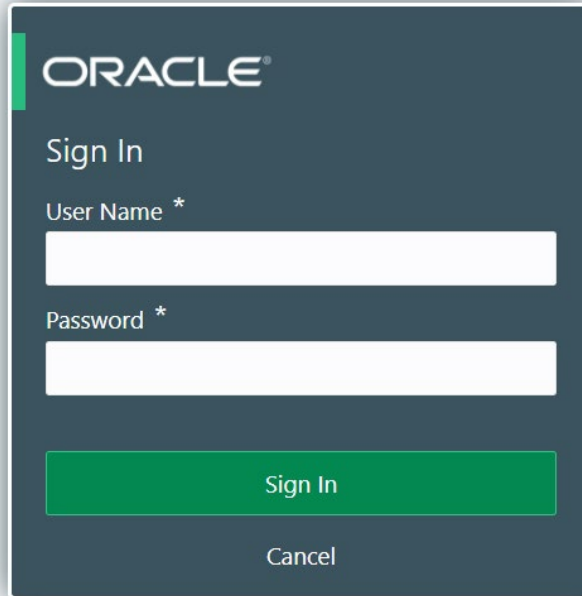
Login Page is not launching

Perform the following checks if the login page is not working

- Check if the app-shell war file is deployed.
- Make sure that the war file is up and running in the deployed managed server and try to login.
- Check if you are logged in with the appshell URL according to the war file deployed.

For example, <http://10.40.162.114:8731/app-shell/http://10.40.162.114:8731/app-shell/>. In this URL, the name app-shell is dynamic which depends on the name of war file deployed.

Figure 2-6 Login Page



Unable to login after launching the application

Perform the following check if you are not able to login after the application is launched

- Make sure that the plato-api-gateway service, plato-ui-config service, sms-core-service, and common core services are up and running.

Figure 2-7 Status of Services

PLATO-API-GATEWAY	n/a (1) (1)	UP (1) - fsgbu-phx-54.snphxprshared1.gbucdsint02phx.oraclevcn.com:plato-api-gateway:5012
PLATO-DISCOVERY-SERVICE	n/a (1) (1)	UP (1) - fsgbu-phx-54.snphxprshared1.gbucdsint02phx.oraclevcn.com:plato-discovery-service:5012
PLATO-UI-CONFIG-SERVICES	n/a (1) (1)	UP (1) - fsgbu-phx-54.snphxprshared1.gbucdsint02phx.oraclevcn.com:plato-ui-config-services:5012
SMS-CORE-SERVICES	n/a (1) (1)	UP (1) - fsgbu-phx-54.snphxprshared1.gbucdsint02phx.oraclevcn.com:sms-core-services:5012

Unable to login after restarting the services

Perform the following check if you are not able to log in after restarting the services

- Make sure that the LDAP server is up and running, and check if the entered credentials are correct.

Screens are not launching after logging in

Perform the following check if you are not able to launch the screens after logging in

- Make sure that the respective services are up and running.
- Verify the VPN connection while trying to troubleshoot the issues related to page launching, and so on.

3

Troubleshooting Kafka Issues

This topic describes about the troubleshooting Kafka Issues.

Consumer Services:

- obscfcm-report-services
- obscf-report-services

Producer Services:

- obscfcm-manual-recon-services
- obscf-finance-services
- obscf-core-services

Debugging Consumer/Producer Health and Troubleshooting:

- **Logs to analyze:** Logs of the Kafka, Zookeeper, Producer & Consumer need to be checked.
- **Tables to analyze:** All the communication between producer & consumer happens via event hub and there are two tables in each schema for Producer & Consumer which keeps track of all the communication that happens between them. These are PLATO_EVENTHUB_IN_LOG & PLATO_EVENTHUB_OUT_LOG like:

```
select * from PLATO_EVENTHUB_IN_LOG;
select * from PLATO_EVENTHUB_OUT_LOG;
```

Query Result x

Fetches 50 rows in 1.472 seconds

ID	TOPIC_NAME	MESSAGE_KEY	EVENT_TYPE	PAYLOAD
1 277ffff11-e7e5-499c-867e-cccd74f50a97	relationshipMaster	(null)	(null)	{"id": "0be1516f-888c-4856-85a0-334148ee88464", "authStat":
2 1bd23ae2-d8d7-4e08-9a16-8ae72b801f37	relationshipMaster	(null)	(null)	{"id": "0903f003-485c-4122-9c3d-3d3a0beb8464", "authStat":
3 39ac6e99-4ba1-4362-a953-aac7a0b3a08f	relationshipMaster	(null)	(null)	{"id": "0be1516f-888c-4856-85a0-334148ee88464", "authStat":
4 35d602e5-0197-4012-9575-0b059eeac274	relationshipMaster	(null)	(null)	{"id": "0903f003-485c-4122-9c3d-3d3a0beb8464", "authStat":
5 56b3b33a-e696-4b9f-b715-ebf88521ea8a	PublishPaymentUpdated	(null)	(null)	{"id": "0be1516f-888c-4856-85a0-334148ee88464", "authStat":
6 c8f92ab0-8c0c-4910-e4a3-364598a6eb8f	relationshipMaster	(null)	(null)	{"id": "0903f003-485c-4122-9c3d-3d3a0beb8464", "authStat":
7 9854da1b-27c2-420d-8660-d5bcb42842ff	relationshipMaster	(null)	(null)	{"id": "0903f003-485c-4122-9c3d-3d3a0beb8464", "authStat":

Configuration:

- [Setting Up Kafka](#)
- [Check if Kafka is running](#)

Setting Up Kafka

This topic provides the links to setup Kafka.

1. Download kafka from https://www.apache.org/dyn/closer.cgi?path=/kafka/2.7.0/kafka_2.12-2.7.0.tgz.
2. Download Zookeeper from <https://www.apache.org/dyn/closer.lua/zookeeper/zookeeper-3.6.2/apache-zookeeper-3.6.2-bin.tar.gz>.

3. Start the zookeeper first and then kafka. Please follow the steps mentioned in the link <https://kafka.apache.org/quickstart>.

Check if Kafka is running

This topic provides the systematic instructions to run Kafka.

1. Run the cmd `$ netstat -tlnp | grep :9092`

 **Note:**

9092 is default port of kafka.

Possible issue while starting kafka

2. Kafka is not starting may be because zookeeper is not yet started.

Run cmd `$ netstat -tlnp | grep :2181`
(2181 is default port of zookeeper)

if any services is not running on this port means zookeeper is down

3. Check if any permission issue is there for kafka log folder.

Create console producer and consumer for troubleshooting

Here is the full reference for that <http://cloudurable.com/blog/kafka-tutorial-kafka-from-command-line/index.html>.

Some Useful References

https://docs.cloudera.com/documentation/kafka/latest/topics/kafka_faq.html

4

Health Checks

This topic describes about health checks.

Eureka Dashboard

The health of services needs to be monitored using weblogic JVM managed server console and Eureka dashboard.

Instances currently registered with Eureka

Application	AMIs	Availability Zones	Status
CMC-ACCOUNT-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-account-services:7301
CMC-ADDITIONAL-ATTRIBUTES-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-additional-attributes-services:7301
CMC-ADVICE-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-advice-services:7301
CMC-BASE-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-base-services:7301
CMC-BATCH-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-batch-services:7301
CMC-BRANCH-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-branch-services:7301
CMC-BUSINESSOVERRIDES-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-businessoverrides-services:7301
CMC-CHARGES-CALCULATION-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-charges-calculation-services:7301
CMC-COREBANKING-ADAPTER-SERVICE	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-corebanking-adapter-service:7302
CMC-CURRENCY-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-currency-services:7302
CMC-CUSTOMER-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-customer-services:7302
CMC-DATASEGMENT-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-datasegment-services:7302
CMC-EXTERNAL-CHART-ACCOUNT-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-external-chart-account-services:7302
CMC-EXTERNAL-SYSTEM-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-external-system-services:7302
CMC-EXTERNAL-VIRTUAL-ACCOUNT-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-external-virtual-account-services:7302
CMC-FACILITIES-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-facilities-services:7302
CMC-MIS-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-mis-services:7303
CMC-OBRRH-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-obrrh-services:7303
CMC-REPORT-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-report-services:7303
CMC-RESOURCE-SEGMENT-ORCHESTRATOR-SERVICE	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-resource-segment-orchestrator-service:7303
CMC-RESOURCECLASS-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-resourceclass-services:7303
CMC-SCREENCLASS-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-screenclass-services:7303
CMC-SETTLEMENTS-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-settlements-services:7303
CMC-TRANSACTIONCONTROLLER-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-transactioncontroller-services:7303
CMC-TXN-CODE-SERVICES	n/a (1)	(1)	UP (1) - whf00ist.in.oracle.com:cmc-txn-code-services:7303
CONFIG-SERVICE	n/a (1)	(1)	UP (1) - whf00mfg.in.oracle.com:config-service:7101

PLATO-ALERTS-MANAGEMENT-SERVICES	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:plato-alerts-management-services:7103
PLATO-API-GATEWAY	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:plato-api-gateway:7102
PLATO-BATCH-SERVER	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:plato-batch-server:7103
PLATO-DISCOVERY-SERVICE	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:plato-discovery-service:8761
PLATO-FEED-SERVICES	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:plato-feed-services:7103
PLATO-O	n/a (1) (1)	UP (1) - whf00pgq
PLATO-ORCH-SERVICE	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:plato-orch-service:7103
PLATO-RULE-SERVICE	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:plato-rule-service:7103
PLATO-UI-CONFIG-SERVICES	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:plato-ui-config-services:7102
SMS-CORE-SERVICES	n/a (1) (1)	UP (1) - whf00mfg.in.oracle.com:sms-core-services:7201

OBSCFCM-ACCOUNT-MAINTENANCE-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-account-maintenance-services:7202
OBSCFCM-ALERTS-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-alerts-services:7201
OBSCFCM-AUTO-RECON-BATCH	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-auto-recon-batch:7102
OBSCFCM-BATCH-JOBS	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-batch-jobs:7202
OBSCFCM-CHARGES-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-charges-services:7202
OBSCFCM-CHATBOT-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-chatbot-services:7001
OBSCFCM-CORE-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-core-services:7201
OBSCFCM-DAY0-SERVICE	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-day0-service:7204
OBSCFCM-EOD-BATCH	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-eod-batch:7102
OBSCFCM-FILTER-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-filter-services:7201
OBSCFCM-INSTRUMENTS-RECEIVABLES-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-instruments-receivables-services:7203
OBSCFCM-MANUAL-RECON-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-manual-recon-services:7202
OBSCFCM-MASTER-MAINTENANCE-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-master-maintenance-services:7203
OBSCFCM-REPORT-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-report-services:7201
OBSCFCM-WORKFLOW-MANAGEMENT-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscfcm-workflow-management-services:7203

OBSCF-CORE-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscf-core-services:7102
OBSCF-DAY0-SERVICE	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscf-day0-service:7103
OBSCF-FINANCE-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscf-finance-services:7101
OBSCF-LIMITS-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscf-limits-services:7101
OBSCF-REPORT-SERVICES	n/a (1) (1)	UP (1) - whf00pgq.in.oracle.com:obscf-report-services:7101

Application Services

Catalog of services required for Oracle Banking Supply Chain Finance.

OBMA Group (eg Plato, CMC, MOC)	Service Name (Name of the service)	Comments (Business relevance or additional details)
Plato	plato-ui-config-services-7.3.0	
Plato	plato-feed-services-7.3.0	
Plato	plato-report-services-7.3.0	
Plato	plato-batch-server-7.3.0	
Plato	plato-config-service-7.3.0	

Plato	plato-ref-6.0.0
Plato	plato-api-gateway-7.3.0
Plato	plato-orch-service-7.3.0
Plato	plato-alerts-management-services-7.3.0
Plato	plato-swagger-api-7.3.0
Plato	plato-rule-service-7.3.0
Plato	plato-discovery-service-7.2.0
Plato	plato-security-toolkit-7.2.0
CMC	cmc-account-services-7.3.0
CMC	cmc-additional-attributes-services-7.3.0
CMC	cmc-advice-services-7.3.0
CMC	cmc-base-services-7.3.0
CMC	cmc-batch-services-7.3.0
CMC	cmc-branch-services-7.3.0
CMC	cmc-businessoverrides-services-7.3.0
CMC	cmc-charges-calculation-services-7.3.0
CMC	cmc-corebanking-adapter-service-7.3.0
CMC	cmc-currency-services-7.3.0
CMC	cmc-customer-services-7.3.0
CMC	cmc-datasegment-services-7.3.0
CMC	cmc-external-chart-account-7.3.0
CMC	cmc-external-system-services-7.3.0
CMC	cmc-external-virtual-account-services-7.3.0
CMC	cmc-facilities-service-7.3.0
CMC	cmc-fc-ai-ml-services-7.3.0
CMC	cmc-ml-indb-services-7.3.0
CMC	cmc-nlp-dashboard-widget-services-7.3.0
CMC	cmc-nlp-maintenance-services-7.3.0
CMC	cmc-nlp-opennlp-services-7.3.0
CMC	cmc-nlp-pipeline-services-7.3.0
CMC	cmc-nlp-text-extraction-services-7.3.0
CMC	cmc-obcbs-services-7.3.0
CMC	cmc-obrh-service-7.3.0
CMC	cmc-report-service-7.3.0
CMC	cmc-resource-segment-orchestrator-service-7.3.0
CMC	cmc-screenclass-services-7.3.0
CMC	cmc-settlements-services-7.3.0
CMC	cmc-transactioncontroller-services-7.3.0
CMC	cmc-txn-code-services-7.3.0
MOC	cmc-applicationcategory-services-7.3.0
MOC	cmc-checklistmanagement-services-7.3.0
MOC	cmc-checklist-services-7.3.0
MOC	cmc-comments-services-7.3.0
MOC	cmc-documentmanagement-services-7.3.0
MOC	cmc-document-services-7.3.0
MOC	cmc-earmark-services-7.3.0
MOC	cmc-kyccheck-services-7.3.0

MOC	cmc-mailnotification-services-7.3.0
MOC	cmc-priority-service-7.3.0
MOC	cmc-processcode-service-7.3.0
MOC	cmc-queue-service-7.3.0
MOC	cmc-sequencegenerator-services-7.3.0
MOC	cmc-sla-services-7.3.0
OBSCF	obscfcm-account-maintenance-services-7.3.0
OBSCF	obscfcm-alerts-services-7.3.0
OBSCF	obscfcm-auto-recon-batch-7.3.0
OBSCF	obscfcm-batch-jobs-7.3.0
OBSCF	obscfcm-charges-services-7.3.0
OBSCF	obscfcm-chatbot-services-7.3.0
OBSCF	obscfcm-core-services-7.3.0
OBSCF	obscfcm-day0-service-7.3.0
OBSCF	obscfcm-filter-services-7.3.0
OBSCF	obscfcm-instruments-receivables-services-7.3.0
OBSCF	obscfcm-manual-recon-services-7.3.0
OBSCF	obscfcm-master-maintenance-services-7.3.0
OBSCF	obscfcm-report-services-7.3.0
OBSCF	obscfcm-workflow-management-services-7.3.0
OBSCF	obscfcm-eod-batch-7.3.0
UI	app-shell-7.3.0
UI	cmc-component-server-7.3.0
UI	cmc-component-server-7.3.0
UI	obpy-component-server-7.3.0
UI	obreports-component-server-7.3.0
UI	obscfcm-component-server-7.3.0
UI	obscf-component-server-7.3.0
UI	sms-component-server-7.3.0
OBSCF	obscf-core-services-7.3.0
OBSCF	obscf-report-services-7.3.0
OBSCF	obscf-day0-service-7.3.0
OBSCF	obscf-finance-services-7.3.0
OBSCF	obscf-limits-services-7.3.0

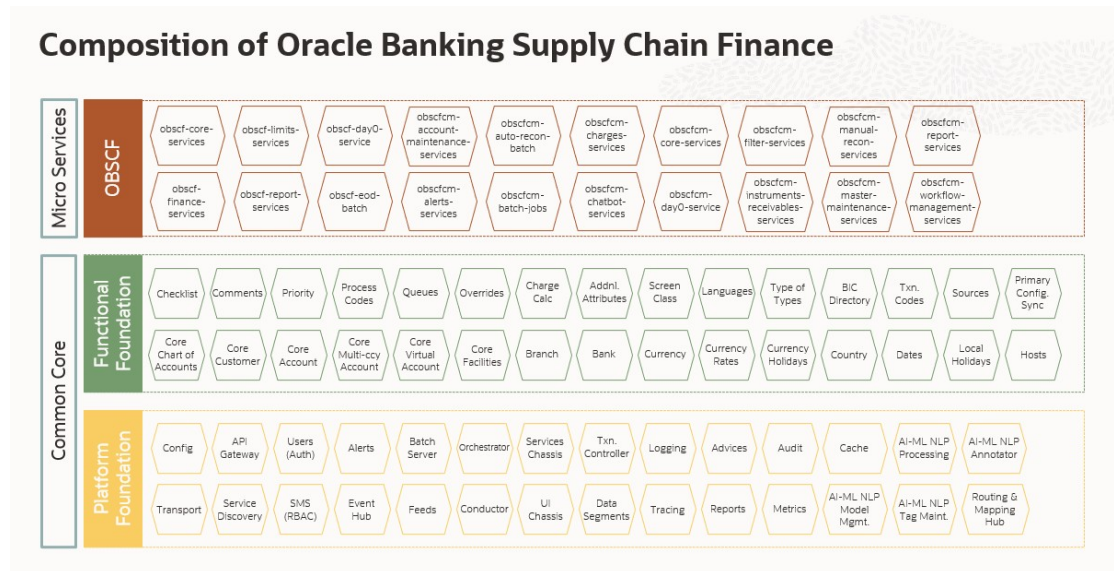
5

Troubleshooting Functional Workflows

This topic describes about the troubleshooting functional workflows.

Oracle Banking Supply Chain Finance – Subdomains List

The subdomains of Oracle Banking Supply Chain Finance are shown below.

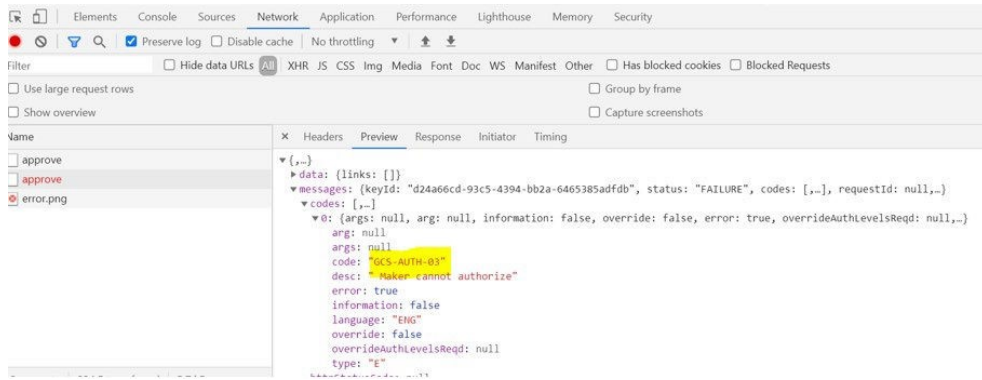


Log analysis

This subsection describes the possible ways to use logs to analyze issues in a transaction using logs. Please provide details of what 'states' to expect for what parameters in logs for the transaction.

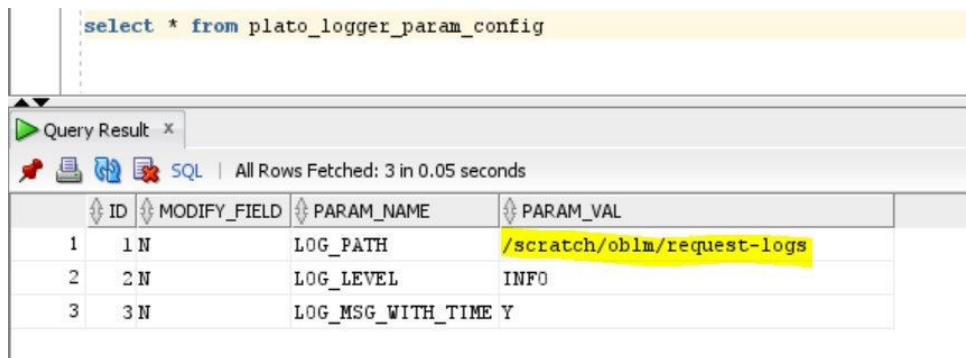
- Error Message not shown** - If there is any improper calls, check ERTB_MSGS table of the respective schema to understand the cause of the error. Open the Networks tab (F12), check the error code in the response.

```
SELECT * FROM ERTB_MSGS WHERE ERR_CODE='GCS_AUTH-03'
```



- **Setting Log file path** - Log generation path needs to be defined in PLATO_LOGGER_PARAM_CONFIG table of PLATO schema.

Select * from PLATO_LOGGER_PARAM_CONFIG;



- **Dynamic log generation issues** - For generating dynamic service logs, you need to insert data to PLATO_DEBUG_USERS table as shown in below screenshot.

Select * from PLATO_DEBUG_USERS;

The screenshot shows a SQL query builder window with the following content:

Worksheet Query Builder

```
Select * from PLATO_DEBUG_USERS;
```

Query Result x

SQL | All Rows Fetched: 48 in 0.181 seconds

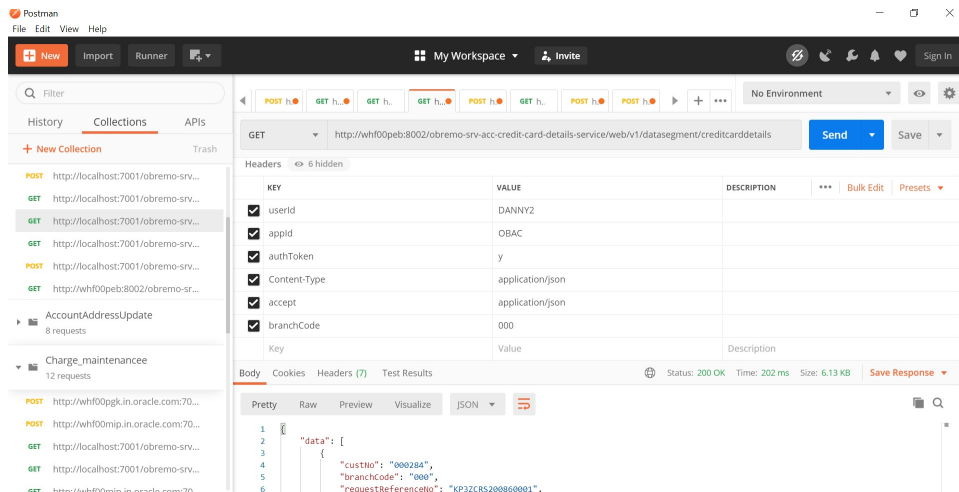
ID	DEBUG_ENABLED	SERVICE_CODE	USER_ID
1	Y	obscfcm-manual-recon-services	SWETA
2	Y	obscf-finance-services	SUNIL
3	Y	obscfcm-recon-maintenance-services	SUNIL
4	Y	obscfcm-filter-services	SUNIL
5	Y	obscfcm-charges-services	DEV
6	Y	obscfcm-auto-recon-batch	SUNIL
7	Y	obscfcm-core-services	SUNIL
8	Y	obscfcm-account-maintenance-services	SUNIL
9	Y	obscfcm-charges-services	SUNIL
10	Y	cmc-charges-calculation-services	DEV

The screenshot shows a file explorer window with the following content:

/scratch/work_area/application/logs/

Name	Size
..	
archive	
obscfcm-report-services.log	21,239
obscfcm-instruments-receivables-services.log	8,443
obscfcm-core-services.log	5,043
obscfcm-account-maintenance-services.log	8,304
obscfcm-chatbot-services.log	9,567
plato-feed-services.log	235

- In case Logs are not generated - If you are not getting logs, put the loggers across API, hit through postman, and test again.



- **404 error** - The possible causes for 404 error are as follows:
 - Check service is not running on Eureka
 - Check service is not deployed in Weblogic
- **500 internal error** - The possible causes for 500 internal error are as follows:
 - Issue with Plato entries
 - Issue with Eureka
 - Issue with any piece of code

The server-side debugging is needed for the above-mentioned issues, if it is not captured in logs.

5.1 Business Error Codes

This topic describes about error codes and messages.

Service	ERR_CODE	MESSAGE
obscf-core-services	ER24	Combination of Product Master Id, Product Code, Event Code, Root Limit Entity Type and Limit Type should be unique
obscf-core-services	CMC-TXN-001	Transaction controller failure
obscf-core-services	CMC-ORCH-001	Failed to initiate.
obscf-core-services	CMC-ORCH-002	Transaction is successfully initiated.
obscf-core-services	CMC-ORCH-003	Invalid action, failed to initiate.
obscf-core-services	CMC-ORCH-004	\$1 is not submitted, transaction remains the same.
obscf-core-services	CMC-ORCH-005	Cannot proceed with submit as the action is not initiated.
obscf-core-services	CMC-ORCH-006	Cannot proceed with submit as the information is incomplete.
obscf-core-services	CMC-ORCH-007	Failed to submit.

obscf-core-services	CMC-ORCH-008	Record successfully submitted.
obscf-core-services	CMC-ORCH-009	\$1 is in-progress, failed to initiate.
obscf-core-services	CMC-ORCH-010	Aw, snap! An unexpected exception occurred, try again.
obscf-core-services	CMC-ORCH-011	Invalid request.
obscf-core-services	CMC-ORCH-012	Cannot proceed with submit as the action is not initiated.
obscf-core-services	CMC-ORCH-013	Cannot find the provided information.
obscf-core-services	CMC-ORCH-014	Record is not yet submitted by \$1, cannot initiate the action.
obscf-core-services	CMC-ORCH-015	Record already unlocked by \$1.
obscf-core-services	GCS-VAL-001	The record is successfully validated.
obscf-core-services	GCS-COM-011	\$1 failed to update.
obscf-core-services	GCS-SAV-003	The record is saved and validated successfully.
obscf-core-services	GCS-COM-009	Resource ID cannot be blank or "null".
obscf-core-services	GCS-COM-010	Successfully cancelled \$1.
obscf-core-services	GCS-MOD-007	Only the maker can modify the pending records.
obscf-core-services	GCS-AUTH-01	Record Successfully Authorized
obscf-core-services	GCS-AUTH-02	Valid modifications for approval were not sent. Failed to match
obscf-core-services	GCS-AUTH-03	Maker cannot authorize
obscf-core-services	GCS-AUTH-04	No Valid unauthroized modifications found for approval.
obscf-core-services	GCS-CLOS-002	Record Successfully Closed
obscf-core-services	GCS-CLOS-01	Record Already Closed
obscf-core-services	GCS-CLOS-02	Record Successfully Closed
obscf-core-services	GCS-CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization
obscf-core-services	GCS-COM-001	Record does not exist
obscf-core-services	GCS-COM-002	Invalid version sent, operation can be performed only on latest version
obscf-core-services	GCS-COM-003	Please Send Proper ModNo
obscf-core-services	GCS-COM-004	Please send makerId in the request

obscf-core-services	GCS-COM-005	Request is Null. Please Resend with Proper SELECT
obscf-core-services	GCS-COM-006	Unable to parse JSON
obscf-core-services	GCS-COM-007	Request Successfully Processed
obscf-core-services	GCS-COM-008	Modifications should be consecutive.
obscf-core-services	GCS-DEL-001	Record deleted successfully
obscf-core-services	GCS-DEL-002	Record(s) deleted successfully
obscf-core-services	GCS-DEL-003	Modifications didnt match valid unauthorized modifications that can be deleted for this record
obscf-core-services	GCS-DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.
obscf-core-services	GCS-DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.
obscf-core-services	GCS-DEL-006	No valid unauthroized modifications found for deleting
obscf-core-services	GCS-DEL-007	Failed to delete. Only maker of the modification(s) can delete.
obscf-core-services	GCS-MOD-001	Closed Record cannot be modified
obscf-core-services	GCS-MOD-002	Record Successfully Modified
obscf-core-services	GCS-MOD-003	Record marked for close, cannot modify.
obscf-core-services	GCS-MOD-004	Only maker of the record can modify before once auth
obscf-core-services	GCS-MOD-005	Not amendable field, cannot modify
obscf-core-services	GCS-MOD-006	Natural Key cannot be modified
obscf-core-services	GCS-REOP-003	Successfully Reopened
obscf-core-services	GCS-REOP-01	Unauthorized Record cannot be Reopened
obscf-core-services	GCS-REOP-02	Failed to Reopen the Record, cannot reopen Open records
obscf-core-services	GCS-REOP-03	Successfully Reopened
obscf-core-services	GCS-REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized
obscf-core-services	GCS-SAV-001	Record already exists
obscf-core-services	GCS-SAV-002	Record Saved Successfully.
obscf-core-services	ST-SAVE-027	Request Successfully Processed
obscf-core-services	ER10	Max Tenor Cannot be less than Min Tenor

obscf-core-services	IS-ER01	Insurance Company Id already exists
obscf-core-services	IS-ER02	Insurance Company Name already exists
obscf-core-services	ER12	Customer does not exist for the given Anchor Id
obscf-core-services	ER13	Customer does not exist for the given Spoke Id
obscf-core-services	CUDIV-001	Division Code cannot be same
obscf-core-services	CUDIV-002	Party Id already exists
obscf-core-services	CUDIV-003	Party Id cannot be null
obscf-core-services	CUDIV-004	Party name cannot be null
obscf-core-services	CUDIV-005	Division code cannot be null
obscf-core-services	CUDIV-006	Division name cannot be null
obscf-core-services	ER07	At least one spoke must be added
obscf-core-services	ER08	Duplicate Spokes cannot be present
obscf-core-services	ER09	Anchor id, Spoke id and Product cannot be duplicate
obscf-core-services	ER01	Expiry Date should be greater than Effective from Date
obscf-core-services	ER02	Percentage value cannot be greater than 100
obscf-core-services	ER03	Max Finance Percent cannot be lesser than Min Finance Percent
obscf-core-services	ER04	Cannot map spoke to a different Program Code
obscf-core-services	ER05	Anchor cannot be mapped as Spoke
obscf-core-services	SCF_CS_ER06	Program Name cannot be duplicate
obscf-core-services	ER11	Combination of Product Description and Branch Code must be unique
obscf-core-services	ER15	Preferred Disbursement Mode cannot be null
obscf-core-services	ER16	Disbursement Currency cannot be null
obscf-core-services	ER17	Preferred Disbursement Mode for Spoke cannot be null
obscf-core-services	ER18	Disbursement Currency for Spoke cannot be null
obscf-core-services	ID-ER01	Record already exists
obscf-core-services	ER14	The record can not be closed since a transaction is in progress

obscf-core-services	ER19	Relationship Code is not present for Spoke
obscf-core-services	ER20	Relationship Code passed is invalid for Spoke
obscf-core-services	ER21	Invalid Product Id Passed
obscf-core-services	ER22	Combination of Spoke External Code, Spoke Division Code and Anchor Division Code cannot be duplicate
obscf-core-services	ER23	Relationship Code cannot be null
obscf-core-services	PLATO-EVNT-001	Failed to update
obscf-core-services	PLATO-EVNT-002	Record already exists
obscf-core-services	GCS-AUTH-05	Failed to Authorize the record
obscf-core-services	GCS-CLOS-04	Failed to Close the record
obscf-core-services	GCS-COM-012	Error saving child data segment, Master validation failed
obscf-core-services	GCS-COM-013	Error saving the data segment
obscf-core-services	GCS-COM-014	Error validating the data segment
obscf-core-services	GCS-COM-015	Error submitting the data segment
obscf-core-services	GCS-COM-016	Unexpected error occurred during runtime
obscf-core-services	GCS-COM-017	Error deleting the extended data segment
obscf-core-services	GCS-COM-018	Remove lock failed
obscf-core-services	GCS-COM-019	Revert call to extended data segment failed
obscf-core-services	GCS-COM-020	Revert call to subdomain data segment failed
obscf-core-services	GCS-COM-021	Error deleting the subdomain data segment
obscf-core-services	GCS-COM-022	Authorize call to extended data segment failed
obscf-core-services	GCS-COM-023	Authorize call to subdomain data segment failed
obscf-core-services	GCS-COM-025	Client error occurred during API call
obscf-core-services	GCS-COM-026	Invalid data segment code
obscf-core-services	GCS-DEL-008	Failed to Delete the record
obscf-core-services	GCS-DEL-009	No valid prevalidated modifications found for deletion
obscf-core-services	GCS-MOD-008	Failed to Update the record

obscf-core-services	GCS-REOP-05	Failed to Reopen the record
obscf-core-services	GCS-REVT-01	Record reverted successfully
obscf-core-services	GCS-REVT-02	Failed to Revert the record
obscf-core-services	GCS-SAV-004	Failed to create the record
obscf-core-services	GCS-LOCK-01	Remove dirty lock failed
obscf-core-services	GCS-VAL-01	Field Validation Failed
obscf-core-services	ER25	Margin handling or Interest refund handling for Invoice cannot be null
obscf-core-services	ER25	Margin handling or Interest refund handling for Invoice cannot be null
obscf-core-services	ER10	Max Tenor Cannot be less than Min Tenor
obscf-core-services	IS-ER01	Insurance Company Id already exists
obscf-core-services	IS-ER02	Insurance Company Name already exists
obscf-core-services	ER12	Customer does not exist for the given Anchor Id
obscf-core-services	ER13	Customer does not exist for the given Spoke Id
obscf-core-services	CUDIV-001	Division Code cannot be same
obscf-core-services	CUDIV-002	Party Id already exists
obscf-core-services	CUDIV-003	Party Id cannot be null
obscf-core-services	CUDIV-004	Party name cannot be null
obscf-core-services	CUDIV-005	Division code cannot be null
obscf-core-services	CUDIV-006	Division name cannot be null
obscf-core-services	ER07	At least one spoke must be added
obscf-core-services	ER08	Duplicate Spokes cannot be present
obscf-core-services	ER09	Anchor id, Spoke id and Product cannot be duplicate
obscf-core-services	ER01	Expiry Date should be greater than Effective from Date
obscf-core-services	ER02	Percentage value cannot be greater than 100
obscf-core-services	ER03	Max Finance Percent cannot be lesser than Min Finance Percent
obscf-core-services	ER04	Cannot map spoke to a different Program Code

obscf-core-services	ER05	Anchor cannot be mapped as Spoke
obscf-core-services	ER06	Program Name cannot be duplicate
obscf-core-services	ER11	Combination of Product Description and Branch Code must be unique
obscf-core-services	ER15	Preferred Disbursement Mode cannot be null
obscf-core-services	ER16	Disbursement Currency cannot be null
obscf-core-services	ER17	Preferred Disbursement Mode for Spoke cannot be null
obscf-core-services	ER18	Disbursement Currency for Spoke cannot be null
obscf-core-services	ID-ER01	Record already exists
obscf-core-services	ER14	The record can not be closed since a transaction is in progress
obscf-core-services	ER19	Relationship Code is not present for Spoke
obscf-core-services	ER20	Relationship Code passed is invalid for Spoke
obscf-core-services	ER21	Invalid Product Id Passed
obscf-core-services	ER22	Combination of Spoke External Code, Spoke Division Code and Anchor Division Code cannot be duplicate
obscf-core-services	ER23	Relationship Code cannot be null
obscf-finance-services	PLATO-EVNT-001	Failed to update
obscf-finance-services	PLATO-EVNT-002	Record already exists
obscf-finance-services	GCS-AUTH-01	Record Successfully Authorized
obscf-finance-services	GCS-AUTH-02	Valid modifications for approval were not sent. Failed to match
obscf-finance-services	GCS-AUTH-03	Maker cannot authorize
obscf-finance-services	GCS-AUTH-04	No Valid unauthroized modifications found for approval.
obscf-finance-services	GCS-CLOS-002	Record Successfully Closed
obscf-finance-services	GCS-CLOS-01	Record Already Closed

obscf-finance-services	GCS-CLOS-02	Record Successfully Closed
obscf-finance-services	GCS-CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization
obscf-finance-services	GCS-COM-001	Record does not exist
obscf-finance-services	GCS-COM-002	Invalid version sent, operation can be performed only on latest version
obscf-finance-services	GCS-COM-003	Please Send Proper ModNo
obscf-finance-services	GCS-COM-004	Please send makerId in the request
obscf-finance-services	GCS-COM-005	Request is Null. Please Resend with Proper Values
obscf-finance-services	GCS-COM-006	Unable to parse JSON
obscf-finance-services	GCS-COM-007	Request Successfully Processed
obscf-finance-services	GCS-COM-008	Modifications should be consecutive.
obscf-finance-services	GCS-DEL-001	Record deleted successfully
obscf-finance-services	GCS-DEL-002	Record(s) deleted successfully
obscf-finance-services	GCS-DEL-003	Modifications didnt match valid unauthorized modifications that can be deleted for this record
obscf-finance-services	GCS-DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.
obscf-finance-services	GCS-DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.
obscf-finance-services	GCS-DEL-006	No valid unauthroized modifications found for deleting
obscf-finance-services	GCS-DEL-007	Failed to delete. Only maker of the modification(s) can delete.
obscf-finance-services	GCS-MOD-001	Closed Record cannot be modified

obscf-finance-services	GCS-MOD-002	Record Successfully Modified
obscf-finance-services	GCS-MOD-003	Record marked for close, cannot modify.
obscf-finance-services	GCS-MOD-004	Only maker of the record can modify before once auth
obscf-finance-services	GCS-MOD-005	Not amendable field, cannot modify
obscf-finance-services	GCS-MOD-006	Natural Key cannot be modified
obscf-finance-services	GCS-REOP-003	Successfully Reopened
obscf-finance-services	GCS-REOP-01	Unauthorized Record cannot be Reopened
obscf-finance-services	GCS-REOP-02	Failed to Reopen the Record, cannot reopen Open records
obscf-finance-services	GCS-REOP-03	Successfully Reopened
obscf-finance-services	GCS-REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized
obscf-finance-services	GCS-SAV-001	Record already exists
obscf-finance-services	GCS-SAV-002	Record Saved Successfully.
obscf-finance-services	ST-SAVE-027	Request Successfully Processed
obscf-finance-services	SETTL-02	Value Dated Outstanding amount not found
obscf-finance-services	FINT-01	Start Date Cannot be greater than maturity date
obscf-finance-services	FINT-02	Percentage cannot be greater than 100
obscf-finance-services	PARTY-01	Party ID cannot be same
obscf-finance-services	SYSERR	System Error Occurred

obscf-finance-services	AUTOFAIL	OBCL Exception Caught
obscf-finance-services	SETTL-01	Settlement amount is mandatory for Auto allocation
obscf-finance-services	ECA-01	ECA Failed
obscf-finance-services	FCUBS-01	FCUBS Account Entry Posting Failed
obscf-finance-services	PARTY-02	Import Factor is not maintained
obscf-finance-services	PARTY-03	Insurance is not maintained
obscf-finance-services	INTERR01	Preferential Interest Details are not maintained for Main Interest
obscf-finance-services	INTERR02	Preferential Interest Details are not maintained for Overdue Interest
obscf-finance-services	INTERR03	Preferential Interest Details are not maintained for Penalty Interest
obscf-finance-services	LMTERR01	Product Limit Mapping is not found
obscf-finance-services	LMTERR02	Limit Structure Details are not found
obscf-finance-services	LMTERR03	Finance Details are not found
obscf-finance-services	SETTL-03	Value Date should not be less than Previous Settlement Date
obscf-finance-services	SETTL-04	Value Date should not be less than Start Date
obscf-finance-services	AUTOERR1	Auto Debit Process is already Running..!!
obscf-finance-services	AUTOERR2	Process Initiated Successfully..!!
obscf-finance-services	RecnChkExp	Reconcillation Completion Check Exception
obscf-limits-services	GCS-COM-009	Resource ID cannot be blank or "null".
obscf-limits-services	GCS-COM-010	Successfully cancelled \$1.

obscf-limits-services	GCS-COM-011	\$1 failed to update.
obscf-limits-services	GCS-MOD-007	Only the maker can modify the pending records.
obscf-limits-services	GCS-SAV-003	The record is saved and validated successfully.
obscf-limits-services	GCS-VAL-001	The record is successfully validated.
obscf-limits-services	GCS-AUTH-01	Record Successfully Authorized
obscf-limits-services	GCS-AUTH-02	Valid modifications for approval were not sent. Failed to match
obscf-limits-services	GCS-AUTH-03	Maker cannot authorize
obscf-limits-services	GCS-AUTH-04	No Valid unauthroized modifications found for approval.
obscf-limits-services	GCS-CLOS-002	Record Successfully Closed
obscf-limits-services	GCS-CLOS-01	Record Already Closed
obscf-limits-services	GCS-CLOS-02	Record Successfully Closed
obscf-limits-services	GCS-CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization
obscf-limits-services	GCS-COM-001	Record does not exist
obscf-limits-services	GCS-COM-002	Invalid version sent, operation can be performed only on latest version
obscf-limits-services	GCS-COM-003	Please Send Proper ModNo
obscf-limits-services	GCS-COM-004	Please send makerId in the request
obscf-limits-services	GCS-COM-005	Request is Null. Please Resend with Proper SELECT
obscf-limits-services	GCS-COM-006	Unable to parse JSON
obscf-limits-services	GCS-COM-007	Request Successfully Processed
obscf-limits-services	GCS-COM-008	Modifications should be consecutive.
obscf-limits-services	GCS-DEL-001	Record deleted successfully
obscf-limits-services	GCS-DEL-002	Record(s) deleted successfully
obscf-limits-services	GCS-DEL-003	Modifications didnt match valid unauthorized modifications that can be deleted for this record
obscf-limits-services	GCS-DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.
obscf-limits-services	GCS-DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.
obscf-limits-services	GCS-DEL-006	No valid unauthroized modifications found for deleting

obscf-limits-services	GCS-DEL-007	Failed to delete. Only maker of the modification(s) can delete.
obscf-limits-services	GCS-MOD-001	Closed Record cannot be modified
obscf-limits-services	GCS-MOD-002	Record Successfully Modified
obscf-limits-services	GCS-MOD-003	Record marked for close, cannot modify.
obscf-limits-services	GCS-MOD-004	Only maker of the record can modify before once auth
obscf-limits-services	GCS-MOD-005	Not amendable field, cannot modify
obscf-limits-services	GCS-MOD-006	Natural Key cannot be modified
obscf-limits-services	GCS-REOP-003	Successfully Reopened
obscf-limits-services	GCS-REOP-01	Unauthorized Record cannot be Reopened
obscf-limits-services	GCS-REOP-02	Failed to Reopen the Record, cannot reopen Open records
obscf-limits-services	GCS-REOP-03	Successfully Reopened
obscf-limits-services	GCS-REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized
obscf-limits-services	GCS-SAV-001	Record already exists
obscf-limits-services	GCS-SAV-002	Record Saved Successfully.
obscf-limits-services	ST-SAVE-027	Request Successfully Processed
obscf-limits-services	FCL-025	Bad request
obscf-limits-services	SYSERR	System Error Occurred
obscf-limits-services	LMT_LOCK_ER	Limit Lock Not Obtained
obscf-limits-services	LMT_AMTE_XP_ERR	Limit Amount or Expiry Breach or Line ID not found
obscf-limits-services	ANCR-013	Adhoc limit effective date cannot be less than branch date
obscf-limits-services	ANCR-014	Anchor adhoc limit expiry date must be greater than anchor adhoc effective date
obscf-limits-services	ANCR-012	Spoke ad hoc limit expiry date cannot be less than spoke ad hoc effective date or greater than program ad hoc expiry date
obscf-limits-services	ANCR-003	Program limit amount must be less than product limit amount
obscf-limits-services	ANCR-004	Program adhoc limit amount must be less than product adhoc limit amount
obscf-limits-services	ANCR-005	Program adhoc limit effective date cannot be less than product adhoc limit effective date or greater than product adhoc limit expiry date
obscf-limits-services	ANCR-006	Program ad hoc limit expiry date cannot be less than program ad hoc effective date or greater than product ad hoc expiry date

obscf-limits-services	ANCR-007	Spoke effective date cannot be less than program effective date or greater than program expiry date
obscf-limits-services	ANCR-008	Spoke expiry date cannot be less than spoke effective date or greater than program expiry date
obscf-limits-services	ANCR-009	Spoke limit amount cannot be greater than program limit amount
obscf-limits-services	ANCR-010	Spoke adhoc limit amount must be less than program adhoc limit amount
obscf-limits-services	ANCR-011	Spoke adhoc limit effective date cannot be less than program adhoc limit effective date or greater than program adhoc limit expiry date
obscf-limits-services	ANCR-001	Product effective date cannot be less than anchor effective date or greater than anchor expiry date
obscf-limits-services	ANCR-002	Product expiry date cannot be less than product effective date or greater than anchor expiry date
obscf-limits-services	ANCR-016	Anchor id must be same for anchor,product,program and spoke
obscf-limits-services	ANCR-015	Anchor limit expiry date must be greater than anchor effective date
obscf-limits-services	ANCR-017	Line id not created
obscf-limits-services	ANCR-019	Program effective date or expiry date cannot be null
obscf-limits-services	ANCR-018	Anchor effective date or expiry date cannot be null
obscf-limits-services	ANCR-020	Spoke effective date or expiry date cannot be null
obscf-limits-services	ANCR-021	Anchor name cannot be null
obscf-limits-services	ANCR-022	Anchor limit amount cannot be null
obscf-limits-services	ANCR-023	Anchor available limit cannot be null
obscf-limits-services	ANCR-024	Anchor utilized limit cannot be null
obscf-limits-services	ANCR-025	Anchor currency cannot be null
obscf-limits-services	ANCR-026	Program name cannot be null
obscf-limits-services	ANCR-027	Program limit amount cannot be null
obscf-limits-services	ANCR-028	Program available limit cannot be null
obscf-limits-services	ANCR-029	Program utilized limit cannot be null
obscf-limits-services	ANCR-030	Program currency cannot be null
obscf-limits-services	ANCR-031	Spoke name cannot be null
obscf-limits-services	ANCR-032	Spoke limit amount cannot be null
obscf-limits-services	ANCR-033	Spoke available limit cannot be null

obsf-limits-services	ANCR-034	Spoke utilized limit cannot be null
obsf-limits-services	ANCR-035	Spoke currency cannot be null
obsf-limits-services	ANCR-036	Anchor Id cannot be null
obsf-limits-services	ANCR-037	Program Code cannot be null
obsf-limits-services	ANCR-038	Spoke Id cannot be null
obsf-limits-services	ANCR-039	Spoke limit details cannot be null
obsf-limits-services	ANCR-040	Program limit details cannot be null
obsf-limits-services	ANCR-041	Program Code cannot be same
obsf-limits-services	ANCR-042	Spoke Id cannot be same
obsf-limits-services	ANCR-043	Anchor Id already exists
obsf-limits-services	ANCR-044	Product code cannot be null
obsf-limits-services	ANCR-045	Product Code cannot be same
obsf-limits-services	ANCR-046	Program effective date or expiry date cannot be null
obsf-limits-services	ANCR-047	Product name cannot be null
obsf-limits-services	ANCR-048	Product limit amount cannot be null
obsf-limits-services	ANCR-049	Product available limit cannot be null
obsf-limits-services	ANCR-050	Product utilized limit cannot be null
obsf-limits-services	ANCR-051	Product currency cannot be null
obsf-limits-services	ANCR-052	Product effective date cannot be less than anchor effective date or greater than anchor expiry date
obsf-limits-services	ANCR-053	Product expiry date cannot be less than program effective date or greater than anchor expiry date
obsf-limits-services	ANCR-054	Product limit amount must be less than anchor limit amount
obsf-limits-services	ANCR-055	Product adhoc limit amount must be less than anchor adhoc limit amount
obsf-limits-services	ANCR-056	Product adhoc limit effective date cannot be less than anchor adhoc limit effective date or greater than anchor adhoc limit expiry date
obsf-limits-services	ANCR-057	Product ad hoc limit expiry date cannot be less than Product ad hoc effective date or greater than anchor ad hoc expiry date
obsf-limits-services	ANCR-058	Sum of product limit amount must be less than anchor limit amount
obsf-limits-services	ANCR-059	Sum of program limit amount must be less than product limit amount

obscf-limits-services	ANCR-060	Sum of spoke limit amount must be less than program limit amount
obscf-limits-services	ANCR-061	Sum of available limit , utilized limit and blocked amount cannot be greater than sanctioned limit amount
obscf-limits-services	ANCR-062	The adhoc effective date should always be greater than main limit effective date
obscf-limits-services	ANCR-063	The adhoc expiry date should always be lesser than main limit expiry date
obscf-limits-services	ANCR-064	Product limit details cannot be null
obscf-limits-services	ANCR-065	Invalid Line id
obscf-limits-services	ANCR-066	Exception occurred
obscf-limits-services	ANCR-067	The record can not be closed since a transaction is in progress
obscf-limits-services	AVAILAMTE RR	Available Amount Not Matching
obscf-limits-services	BLKAMTER R	Block Amount Not Matching
obscf-limits-services	EXPDTEERR	Line Expiry Date is not correct
obscf-limits-services	STARTDTE RR	Line Start Date is not correct
obscf-limits-services	UPDATEFAI LED	Failed in update
obscf-limits-services	OBSCF_LM S_001	Limit Effective Date should be before Limit Adhoc Effective Date
obscf-limits-services	OBSCF_LM S_002	Limit Expiry Date should be equal to or after Limit Adhoc Expiry Date
obscf-limits-services	OBSCF_LM S_003	Limit Expiry Date should be after Limit Effective Date
obscf-limits-services	OBSCF_LM S_004	Limit Adhoc Expiry Date should be after Limit Adhoc Effective Date
obscf-limits-services	OBSCF_LM S_005	Limit Sanctioned amount should be greater than Limit Adhoc Sanctioned amount
obscf-limits-services	OBSCF_LM S_006	Child Entity Effective Date should be after Parent Entity Effective Date
obscf-limits-services	OBSCF_LM S_007	Child Entity Expiry Date should be before or same as Parent Entity Expiry Date
obscf-limits-services	OBSCF_LM S_008	Child Entity Adhoc Effective Date should be after Parent Entity Adhoc Effective Date
obscf-limits-services	OBSCF_LM S_009	Child Entity Adhoc Expiry Date should be before or same as Parent Entity Adhoc Effective Date
obscf-limits-services	OBSCF_LM S_010	Child Entity Sanctioned Limit can be equal to or less than Parent Entity Sanctioned Limit
obscf-limits-services	OBSCF_LM S_011	Cumulative Child Entities Sanctioned Limit can be equal to or less than Parent Entity Sanctioned Limit
obscf-limits-services	OBSCF_LM S_012	Record with similar structure description already exists
obscf-limits-services	OBSCF_LM S_013	Limit Structure not maintained for the root entity type and root entity id

obsf-limits-services	OBSCF_LM S_014	Failure in ELCM processing
obsf-limits-services	OBSCF_LM S_016	Limit Structure maintained is expired
obsf-limits-services	OBSCF_LM S_024	Limit Burst as block amount is greater than available amount
obsf-limits-services	OBSCF_LM S_025	Limits are not effective as per current business date
obsf-limits-services	OBSCF_LM S_028	Both last date and Amount limit are breached
obsf-limits-services	OBSCF_LM S_029	Record for limit type and entity already present
obsf-limits-services	OBSCF_LM S_015	Available Amount is not sync
obsf-limits-services	OBSCF_LM S_017	ELCM Start Date is greater than Limits Start Date
obsf-limits-services	OBSCF_LM S_018	ELCM Expiry Date is greater than Limits Expiry Date
obsf-limits-services	OBSCF_LM S_019	Block Amount not in sync
obsf-limits-services	OBSCF_LM S_020	ELCM Sanction Amount is greater than Limits Sanctioned Amount
obsf-limits-services	OBSCF_LM S_021	Utilized Amount not in sync
obsf-limits-services	OBSCF_LM S_022	ELCM Start Date is less than Limits Start Date
obsf-limits-services	OBSCF_LM S_023	ELCM Expiry Date is less than Limits Expiry Date
obsf-limits-services	OBSCF_LM S_026	ELCM Sanction Amount is less than Limits Sanctioned Amount
obsf-limits-services	OBSCF_LM S_027	Record Update Failed
obsf-limits-services	GCS-AUTH-05	Failed to Authorize the record
obsf-limits-services	GCS-CLOS-04	Failed to Close the record
obsf-limits-services	GCS-COM-012	Error saving child datasegment, Master validation failed
obsf-limits-services	GCS-COM-013	Error saving the datasegment
obsf-limits-services	GCS-COM-014	Error validating the datasegment
obsf-limits-services	GCS-COM-015	Error submitting the datasegment
obsf-limits-services	GCS-COM-016	Unexpected error occurred during runtime
obsf-limits-services	GCS-COM-017	Error deleting the extended datasegment
obsf-limits-services	GCS-COM-018	Remove lock failed
obsf-limits-services	GCS-COM-019	Revert call to extended datasegment failed

obscf-limits-services	GCS-COM-020	Revert call to subdomain datasegment failed
obscf-limits-services	GCS-COM-021	Error deleting the subdomain datasegment
obscf-limits-services	GCS-COM-022	Authorize call to extended datasegment failed
obscf-limits-services	GCS-COM-023	Authorize call to subdomain datasegment failed
obscf-limits-services	GCS-COM-025	Client error occurred during API call
obscf-limits-services	GCS-COM-026	Invalid datasegment code
obscf-limits-services	GCS-DEL-008	Failed to Delete the record
obscf-limits-services	GCS-DEL-009	No valid prevalidated modifications found for deletion
obscf-limits-services	GCS-MOD-008	Failed to Update the record
obscf-limits-services	GCS-REOP-05	Failed to Reopen the record
obscf-limits-services	GCS-REVT-01	Record reverted successfully
obscf-limits-services	GCS-REVT-02	Failed to Revert the record
obscf-limits-services	GCS-SAV-004	Failed to create the record
obscf-limits-services	GCS-LOCK-01	Remove dirty lock failed
obscf-limits-services	GCS-VAL-01	Field Validation Failed
obscf-limits-services	PLATO-EVNT-001	Failed to update
obscf-limits-services	PLATO-EVNT-002	Record already exists
obscf-limits-services	LMT_LOCK_ERR	Limit Lock Not Obtained
obscf-limits-services	OBSCF_LMS_029	Record for limit type and entity already present
obscf-limits-services	FCL-025	Bad request
obscf-limits-services	SYSERR	System Error Occurred
obscf-limits-services	LMT_LOCK_ERR	Limit Lock Not Obtained
obscf-limits-services	LMT_AMTEXP_ERR	Limit Amount or Expiry Breach or Line ID not found
obscf-limits-services	ANCR-013	Adhoc limit effective date cannot be less than branch date
obscf-limits-services	ANCR-014	Anchor adhoc limit expiry date must be greater than anchor adhoc effective date
obscf-limits-services	ANCR-012	Spoke adhoc limit expiry date cannot be less than spoke adhoc effective date or greater than program adhoc expiry date

obscf-limits-services	ANCR-003	Program limit amount must be less than product limit amount
obscf-limits-services	ANCR-004	Program adhoc limit amount must be less than product adhoc limit amount
obscf-limits-services	ANCR-005	Program adhoc limit effective date cannot be less than product adhoc limit effective date or greater than product adhoc limit expiry date
obscf-limits-services	ANCR-006	Program adhoc limit expiry date cannot be less than program adhoc effective date or greater than product adhoc expiry date
obscf-limits-services	ANCR-007	Spoke effective date cannot be less than program effective date or greater than program expiry date
obscf-limits-services	ANCR-008	Spoke expiry date cannot be less than spoke effective date or greater than program expiry date
obscf-limits-services	ANCR-009	Spoke limit amount cannot be greater than program limit amount
obscf-limits-services	ANCR-010	Spoke adhoc limit amount must be less than program adhoc limit amount
obscf-limits-services	ANCR-011	Spoke adhoc limit effective date cannot be less than program adhoc limit effective date or greater than program adhoc limit expiry date
obscf-limits-services	ANCR-001	Product effective date cannot be less than anchor effective date or greater than anchor expiry date
obscf-limits-services	ANCR-002	Product expiry date cannot be less than product effective date or greater than anchor expiry date
obscf-limits-services	ANCR-016	Anchor id must be same for anchor,product,program and spoke
obscf-limits-services	ANCR-015	Anchor limit expiry date must be greater than anchor effective date
obscf-limits-services	ANCR-017	Line id not created
obscf-limits-services	ANCR-019	Program effective date or expiry date cannot be null
obscf-limits-services	ANCR-018	Anchor effective date or expiry date cannot be null
obscf-limits-services	ANCR-020	Spoke effective date or expiry date cannot be null
obscf-limits-services	ANCR-021	Anchor name cannot be null
obscf-limits-services	ANCR-022	Anchor limit amount cannot be null
obscf-limits-services	ANCR-023	Anchor available limit cannot be null
obscf-limits-services	ANCR-024	Anchor utilized limit cannot be null
obscf-limits-services	ANCR-025	Anchor currency cannot be null
obscf-limits-services	ANCR-026	Program name cannot be null
obscf-limits-services	ANCR-027	Program limit amount cannot be null
obscf-limits-services	ANCR-028	Program available limit cannot be null

obsf-limits-services	ANCR-029	Program utilized limit cannot be null
obsf-limits-services	ANCR-030	Program currency cannot be null
obsf-limits-services	ANCR-031	Spoke name cannot be null
obsf-limits-services	ANCR-032	Spoke limit amount cannot be null
obsf-limits-services	ANCR-033	Spoke available limit cannot be null
obsf-limits-services	ANCR-034	Spoke utilized limit cannot be null
obsf-limits-services	ANCR-035	Spoke currency cannot be null
obsf-limits-services	ANCR-036	Anchor Id cannot be null
obsf-limits-services	ANCR-037	Program Code cannot be null
obsf-limits-services	ANCR-038	Spoke Id cannot be null
obsf-limits-services	ANCR-039	Spoke limit details cannot be null
obsf-limits-services	ANCR-040	Program limit details cannot be null
obsf-limits-services	ANCR-041	Program Code cannot be same
obsf-limits-services	ANCR-042	Spoke Id cannot be same
obsf-limits-services	ANCR-043	Anchor Id already exists
obsf-limits-services	ANCR-044	Product code cannot be null
obsf-limits-services	ANCR-045	Product Code cannot be same
obsf-limits-services	ANCR-046	Program effective date or expiry date cannot be null
obsf-limits-services	ANCR-047	Product name cannot be null
obsf-limits-services	ANCR-048	Product limit amount cannot be null
obsf-limits-services	ANCR-049	Product available limit cannot be null
obsf-limits-services	ANCR-050	Product utilized limit cannot be null
obsf-limits-services	ANCR-051	Product currency cannot be null
obsf-limits-services	ANCR-052	Product effective date cannot be less than anchor effective date or greater than anchor expiry date
obsf-limits-services	ANCR-053	Product expiry date cannot be less than program effective date or greater than anchor expiry date
obsf-limits-services	ANCR-054	Product limit amount must be less than anchor limit amount

obsf-limits-services	ANCR-055	Product adhoc limit amount must be less than anchor adhoc limit amount
obsf-limits-services	ANCR-056	Product adhoc limit effective date cannot be less than anchor adhoc limit effective date or greater than anchor adhoc limit expiry date
obsf-limits-services	ANCR-057	Product adhoc limit expiry date cannot be less than Product adhoc effective date or greater than anchor adhoc expiry date
obsf-limits-services	ANCR-058	Sum of product limit amount must be less than anchor limit amount
obsf-limits-services	ANCR-059	Sum of program limit amount must be less than product limit amount
obsf-limits-services	ANCR-060	Sum of spoke limit amount must be less than program limit amount
obsf-limits-services	ANCR-061	Sum of available limit , utilized limit and blocked amount cannot be greater than sanctioned limit amount
obsf-limits-services	ANCR-062	The adhoc effective date should always be greater than main limit effective date
obsf-limits-services	ANCR-063	The adhoc expiry date should always be lesser than main limit expiry date
obsf-limits-services	ANCR-064	Product limit details cannot be null
obsf-limits-services	ANCR-065	Invalid Line id
obsf-limits-services	ANCR-066	Exception occurred
obsf-limits-services	ANCR-067	The record can not be closed since a transaction is in progress
obsf-limits-services	AVAILAMTE RR	Available Amount Not Matching
obsf-limits-services	BLKAMTER R	Block Amount Not Matching
obsf-limits-services	EXPDTERR	Line Expiry Date is not correct
obsf-limits-services	STARTDTE RR	Line Start Date is not correct
obsf-limits-services	UPDATEFAI LED	Failed in update
obsf-limits-services	OBSCF_LM S_016	Limit Structure maintained is expired
obsf-limits-services	OBSCF_LM S_015	Available Amount is not sync
obsf-limits-services	OBSCF_LM S_017	ELCM Start Date is greater than Limits Start Date
obsf-limits-services	OBSCF_LM S_018	ELCM Expiry Date is greater than Limits Expiry Date
obsf-limits-services	OBSCF_LM S_019	Block Amount not in sync
obsf-limits-services	OBSCF_LM S_020	ELCM Sanction Amount is greater than Limits Sanctioned Amount
obsf-limits-services	OBSCF_LM S_021	Utilized Amount not in sync
obsf-limits-services	OBSCF_LM S_022	ELCM Start Date is less than Limits Start Date

obscf-limits-services	OBSCF_LM S_023	ELCM Expiry Date is less than Limits Expiry Date
obscf-limits-services	OBSCF_LM S_026	ELCM Sanction Amount is less than Limits Sanctioned Amount
obscf-limits-services	OBSCF_LM S_027	Record Update Failed
obscf-limits-services	OBSCF_LM S_028	Both last date and Amount limit are breached
obscf-limits-services	OBSCF_LM S_001	Limit Effective Date should be before Limit Adhoc Effective Date
obscf-limits-services	OBSCF_LM S_002	Limit Expiry Date should be equal to or after Limit Adhoc Expiry Date
obscf-limits-services	OBSCF_LM S_003	Limit Expiry Date should be after Limit Effective Date
obscf-limits-services	OBSCF_LM S_004	Limit Adhoc Expiry Date should be after Limit Adhoc Effective Date
obscf-limits-services	OBSCF_LM S_005	Limit Sanctioned amount should be greater than Limit Adhoc Sanctioned amount
obscf-limits-services	OBSCF_LM S_006	Child Entity Effective Date should be after Parent Entity Effective Date
obscf-limits-services	OBSCF_LM S_007	Child Entity Expiry Date should be before or same as Parent Entity Expiry Date
obscf-limits-services	OBSCF_LM S_008	Child Entity Adhoc Effective Date should be after Parent Entity Adhoc Effective Date
obscf-limits-services	OBSCF_LM S_009	Child Entity Adhoc Expiry Date should be before or same as Parent Entity Adhoc Effective Date
obscf-limits-services	OBSCF_LM S_010	Child Entity Sanctioned Limit can be equal to or less than Parent Entity Sanctioned Limit
obscf-limits-services	OBSCF_LM S_011	Cumulative Child Entities Sanctioned Limit can be equal to or less than Parent Entity Sanctioned Limit
obscf-limits-services	OBSCF_LM S_012	Record with similar structure description already exists
obscf-limits-services	OBSCF_LM S_013	Limit Structure not maintained for the root entity type and root entity id
obscf-limits-services	OBSCF_LM S_014	Failure in ELCM processing
obscf-limits-services	OBSCF_LM S_024	Limit Burst as block amount is greater than available amount
obscf-limits-services	OBSCF_LM S_025	Limits are not effective as per current business date
obscf-limits-services	LMT_LOCK_ ERR	Limit Lock Not Obtained
obscf-report-services	PLATO- EVNT-001	Failed to update
obscf-report-services	PLATO- EVNT-002	Record already exists
obscfcm-account-maintenance-services	CMC- ORCH-016	Accounting Details not found

obsfcm- account- maintenance -services	GCS- AUTH-02	Valid modifications for approval were not sent. Failed to match
obsfcm- account- maintenance -services	GCS- AUTH-03	Maker cannot authorize
obsfcm- account- maintenance -services	GCS- AUTH-04	No Valid unauthroized modifications found for approval.
obsfcm- account- maintenance -services	GCS- CLOS-002	Record Successfully Closed
obsfcm- account- maintenance -services	GCS- CLOS-01	Record Already Closed
obsfcm- account- maintenance -services	GCS- CLOS-02	Record Successfully Closed
obsfcm- account- maintenance -services	GCS- CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization
obsfcm- account- maintenance -services	GCS- COM-001	Record does not exist
obsfcm- account- maintenance -services	GCS- COM-002	Invalid version sent, operation can be performed only on latest version
obsfcm- account- maintenance -services	GCS- COM-003	Please Send Proper ModNo
obsfcm- account- maintenance -services	GCS- COM-004	Please send makerId in the request
obsfcm- account- maintenance -services	GCS- COM-005	Request is Null. Please Resend with Proper SELECT
obsfcm- account- maintenance -services	GCS- COM-006	Unable to parse JSON
obsfcm- account- maintenance -services	GCS- COM-007	Request Successfully Processed

obsfcm- account- maintenance -services	GCS- COM-008	Modifications should be consecutive.
obsfcm- account- maintenance -services	GCS- DEL-001	Record deleted successfully
obsfcm- account- maintenance -services	GCS- DEL-002	Record(s) deleted successfully
obsfcm- account- maintenance -services	GCS- DEL-003	Modifications didnt match valid unauthorized modifications that can be deleted for this record
obsfcm- account- maintenance -services	GCS- DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.
obsfcm- account- maintenance -services	GCS- DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.
obsfcm- account- maintenance -services	GCS- DEL-006	No valid unauthroized modifications found for deleting
obsfcm- account- maintenance -services	GCS- DEL-007	Failed to delete. Only maker of the modification(s) can delete.
obsfcm- account- maintenance -services	GCS- MOD-001	Closed Record cannot be modified
obsfcm- account- maintenance -services	GCS- MOD-002	Record Successfully Modified
obsfcm- account- maintenance -services	GCS- MOD-003	Record marked for close, cannot modify.
obsfcm- account- maintenance -services	GCS- MOD-004	Only maker of the record can modify before once auth
obsfcm- account- maintenance -services	GCS- MOD-005	Not amendable field, cannot modify
obsfcm- account- maintenance -services	GCS- MOD-006	Natural Key cannot be modified

obsfcfm- account- maintenance -services	GCS- REOP-003	Successfully Reopened
obsfcfm- account- maintenance -services	GCS- REOP-01	Unauthorized Record cannot be Reopened
obsfcfm- account- maintenance -services	GCS- REOP-02	Failed to Reopen the Record, cannot reopen Open records
obsfcfm- account- maintenance -services	GCS- REOP-03	Successfully Reopened
obsfcfm- account- maintenance -services	GCS- REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized
obsfcfm- account- maintenance -services	GCS- SAV-001	Record already exists
obsfcfm- account- maintenance -services	GCS- SAV-002	Record Saved Successfully.
obsfcfm- account- maintenance -services	ST- SAVE-027	Request Successfully Processed
obsfcfm- account- maintenance -services	GCS- AUTH-01	Record Successfully Authorized
obsfcfm- account- maintenance -services	CMC- TXN-001	Transaction controller failure
obsfcfm- account- maintenance -services	CMC- ORCH-001	Failed to initiate.
obsfcfm- account- maintenance -services	CMC- ORCH-002	Transaction is successfully initiated.
obsfcfm- account- maintenance -services	CMC- ORCH-003	Invalid action, failed to initiate.
obsfcfm- account- maintenance -services	CMC- ORCH-004	\$1 is not submitted, transaction remains the same.

obsfcm- account- maintenance -services	CMC- ORCH-005	Cannot proceed with submit as the action is not initiated.
obsfcm- account- maintenance -services	CMC- ORCH-006	Cannot proceed with submit as the information is incomplete.
obsfcm- account- maintenance -services	CMC- ORCH-007	Failed to submit.
obsfcm- account- maintenance -services	CMC- ORCH-008	Record successfully submitted.
obsfcm- account- maintenance -services	CMC- ORCH-009	\$1 is in-progress, failed to initiate.
obsfcm- account- maintenance -services	CMC- ORCH-010	Aw, snap! An unexpected exception occurred, try again.
obsfcm- account- maintenance -services	CMC- ORCH-011	Invalid request.
obsfcm- account- maintenance -services	CMC- ORCH-012	Cannot proceed with submit as the action is not initiated.
obsfcm- account- maintenance -services	CMC- ORCH-013	Cannot find the provided information.
obsfcm- account- maintenance -services	CMC- ORCH-014	Record is not yet submitted by \$1, cannot initiate the action.
obsfcm- account- maintenance -services	CMC- ORCH-015	Record already unlocked by \$1.
obsfcm- account- maintenance -services	GCS- VAL-001	The record is successfully validated.
obsfcm- account- maintenance -services	GCS- COM-011	\$1 failed to update.
obsfcm- account- maintenance -services	GCS- SAV-003	The record is saved and validated successfully.

obsfcm- account- maintenance -services	GCS- COM-009	Resource ID cannot be blank or "null".
obsfcm- account- maintenance -services	GCS- COM-010	Successfully cancelled \$1.
obsfcm- account- maintenance -services	GCS- MOD-007	Only the maker can modify the pending records.
obsfcm- account- maintenance -services	ER04	Acc Role Code already exists
obsfcm- account- maintenance -services	ER05	Acc Role Description already exists
obsfcm- account- maintenance -services	ER06	Acc Entry Code already exists
obsfcm- account- maintenance -services	ER07	Acc Entry Description already exists
obsfcm- account- maintenance -services	ER01	Default External Account already exists for this party and payment mode combination
obsfcm- account- maintenance -services	ER08	At least one default internal account should be present.
obsfcm- account- maintenance -services	ER09	Duplicate Account No for this party and payment mode combination
obsfcm- account- maintenance -services	ER03	Record already exists
obsfcm- account- maintenance -services	ER02	Default Internal Account already exists for this Branch, Product, Acc Role Code and Settlement Method combination.
obsfcm- account- maintenance -services	ER10	For Account in Txn currency N, there should be only one default account.
obsfcm- account- maintenance -services	ER11	For Account in Txn currency Y, there should be only one default account per Currency.

obsfcm- account- maintenance -services	ER12	Duplicate Account No. per Currency.
obsfcm- account- maintenance -services	ER13	The record can not be closed since a transaction is in progress
obsfcm- account- maintenance -services	ER14	Reference Number cannot be blank or "null".
obsfcm- account- maintenance -services	PLATO- EVNT-001	Failed to update
obsfcm- account- maintenance -services	PLATO- EVNT-002	Record already exists
obsfcm- account- maintenance -services	GCS- AUTH-05	Failed to Authorize the record
obsfcm- account- maintenance -services	GCS- CLOS-04	Failed to Close the record
obsfcm- account- maintenance -services	GCS- COM-012	Error saving child data segment, Master validation failed
obsfcm- account- maintenance -services	GCS- COM-013	Error saving the data segment
obsfcm- account- maintenance -services	GCS- COM-014	Error validating the data segment
obsfcm- account- maintenance -services	GCS- COM-015	Error submitting the data segment
obsfcm- account- maintenance -services	GCS- COM-016	Unexpected error occurred during runtime
obsfcm- account- maintenance -services	GCS- COM-017	Error deleting the extended data segment
obsfcm- account- maintenance -services	GCS- COM-018	Remove lock failed

obsfcfm- account- maintenance -services	GCS- COM-019	Revert call to extended data segment failed
obsfcfm- account- maintenance -services	GCS- COM-020	Revert call to subdomain data segment failed
obsfcfm- account- maintenance -services	GCS- COM-021	Error deleting the subdomain data segment
obsfcfm- account- maintenance -services	GCS- COM-022	Authorize call to extended data segment failed
obsfcfm- account- maintenance -services	GCS- COM-023	Authorize call to subdomain data segment failed
obsfcfm- account- maintenance -services	GCS- COM-025	Client error occurred during API call
obsfcfm- account- maintenance -services	GCS- COM-026	Invalid data segment code
obsfcfm- account- maintenance -services	GCS- DEL-008	Failed to Delete the record
obsfcfm- account- maintenance -services	GCS- DEL-009	No valid prevalidated modifications found for deletion
obsfcfm- account- maintenance -services	GCS- MOD-008	Failed to Update the record
obsfcfm- account- maintenance -services	GCS- REOP-05	Failed to Reopen the record
obsfcfm- account- maintenance -services	GCS- REVT-01	Record reverted successfully
obsfcfm- account- maintenance -services	GCS- REVT-02	Failed to Revert the record
obsfcfm- account- maintenance -services	GCS- SAV-004	Failed to create the record

obsfcm-account-maintenance-services	GCS-LOCK-01	Remove dirty lock failed
obsfcm-account-maintenance-services	GCS-VAL-01	Field Validation Failed
obsfcm-account-maintenance-services	ER15	Null Object Encountered
obsfcm-account-maintenance-services	ER16	Failed to Validate
obsfcm-account-maintenance-services	ER17	Some issue with SQL
obsfcm-account-maintenance-services	ER18	Failed to Access Data
obsfcm-account-maintenance-services	ER19	Naming is not Proper
obsfcm-account-maintenance-services	ER20	Account details are not available
obsfcm-account-maintenance-services	ER21	Account details are not available
obsfcm-account-maintenance-services	ER22	Some exception occurred
obsfcm-account-maintenance-services	ER01	Default External Account already exists for this party and payment mode combination
obsfcm-account-maintenance-services	ER02	Default Internal Account already exists for this Branch, Product, AccRoleCode and SettlementMethod combination.
obsfcm-account-maintenance-services	ER03	Record already exists
obsfcm-account-maintenance-services	ER04	AccRole Code already exists

obsfcm- account- maintenance -services	ER05	AccRole Description already exists
obsfcm- account- maintenance -services	ER06	AccEntry Code already exists
obsfcm- account- maintenance -services	ER07	AccEntry Description already exists
obsfcm- account- maintenance -services	ER08	At least one default internal account should be present.
obsfcm- account- maintenance -services	ER09	Duplicate Account No for this party and payment mode combination
obsfcm- account- maintenance -services	ER10	For Account in Txn currency N, there should be only one default account.
obsfcm- account- maintenance -services	ER11	For Account in Txn currency Y, there should be only one default account per Currency.
obsfcm- account- maintenance -services	ER12	Duplicate Account No. per Currency.
obsfcm- account- maintenance -services	ER13	The record can not be closed since a transaction is in progress
obsfcm- core- services	CMC- CCY-035	Lower Limit Date is Invalid (should be in yyyy-mm-dd format)
obsfcm- core- services	CMC- CCY-036	Upper Limit Date is Invalid (should be in yyyy-mm-dd format)
obsfcm- core- services	CMC- CCY-037	Offset is NULL
obsfcm- core- services	CMC- CCY-038	Offset is Invalid (should be > 0)
obsfcm- core- services	CMC- CCY-039	Input date should be between Upper limit date and Lower limit date
obsfcm- core- services	CMC- CCY-040	Duplicate records exists in Currency Holidays

obsfcfc- core- services	CMC- CCY-041	Mandatory Through Currency Code is not entered
obsfcfc- core- services	CMC- CCY-042	Cannot change spread definition option for through currency pair
obsfcfc- core- services	CMC- CCY-043	Through currency should be blank if the through currency is unchecked
obsfcfc- core- services	CMC- CCY-044	Through currency has to be of type Euro
obsfcfc- core- services	CMC- CCY-045	Through Currency is not allowed for Euro In Currency Pair
obsfcfc- core- services	CMC- CCY-046	Points multiplier should be in the range 0 - 1
obsfcfc- core- services	CMC- CCY-047	Midrate is invalid
obsfcfc- core- services	CMC- CCY-048	Buy Spread is invalid
obsfcfc- core- services	CMC- CCY-049	Sale Spread is invalid
obsfcfc- core- services	CMC- CCY-050	Atleast one Currency Rate Should be Maintained
obsfcfc- core- services	CMC- CCY-051	Duplicate records exists in Rate
obsfcfc- core- services	CMC- CCY-052	Currency Code is NULL
obsfcfc- core- services	CMC- CCY-053	Currency Code is Empty
obsfcfc- core- services	CMC- CCY-054	Amount is NULL
obsfcfc- core- services	CMC- CCY-055	Option is NULL
obsfcfc- core- services	CMC- CCY-056	Option is Empty
obsfcfc- core- services	CMC- CCY-057	Method is NULL
obsfcfc- core- services	CMC- CCY-058	Method is Empty

obsfcfc core- services	CMC- CCY-059	Decimal is NULL
obsfcfc core- services	CMC- CCY-060	Units is NULL
obsfcfc core- services	OBSCFCM- AUT-003	Authorization Failed.
obsfcfc core- services	OBSCFCM- AUT-004	No Records Available For Authorization.
obsfcfc core- services	CUDIV-001	Division Code cannot be same
obsfcfc core- services	CUDIV-002	Party Id already exists
obsfcfc core- services	CUDIV-003	Party Id cannot be null
obsfcfc core- services	CUDIV-004	Party name cannot be null
obsfcfc core- services	CUDIV-005	Division code cannot be null
obsfcfc core- services	CUDIV-006	Division name cannot be null
obsfcfc core- services	GCS- COM-009	Resource ID cannot be blank or "null".
obsfcfc core- services	GCS- COM-010	Successfully cancelled \$1.
obsfcfc core- services	GCS- COM-011	\$1 failed to update.
obsfcfc core- services	GCS- MOD-007	Only the maker can modify the pending records.
obsfcfc core- services	GCS- SAV-003	The record is saved and validated successfully.
obsfcfc core- services	GCS- VAL-001	The record is successfully validated.
obsfcfc core- services	GCS- AUTH-01	Record Successfully Authorized
obsfcfc core- services	GCS- AUTH-02	Valid modifications for approval were not sent. Failed to match

obsfcfc core- services	GCS- AUTH-03	Maker cannot authorize
obsfcfc core- services	GCS- AUTH-04	No Valid unauthroized modifications found for approval.
obsfcfc core- services	GCS- CLOS-002	Record Successfully Closed
obsfcfc core- services	GCS- CLOS-01	Record Already Closed
obsfcfc core- services	GCS- CLOS-02	Record Successfully Closed
obsfcfc core- services	GCS- CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization
obsfcfc core- services	GCS- COM-001	Record does not exist
obsfcfc core- services	GCS- COM-002	Invalid version sent, operation can be performed only on latest version
obsfcfc core- services	GCS- COM-003	Please Send Proper ModNo
obsfcfc core- services	GCS- COM-004	Please send makerId in the request
obsfcfc core- services	GCS- COM-005	Request is Null. Please Resend with Proper SELECT
obsfcfc core- services	GCS- COM-006	Unable to parse JSON
obsfcfc core- services	GCS- COM-007	Request Successfully Processed
obsfcfc core- services	GCS- COM-008	Modifications should be consecutive.
obsfcfc core- services	GCS- DEL-001	Record deleted successfully
obsfcfc core- services	GCS- DEL-002	Record(s) deleted successfully
obsfcfc core- services	GCS- DEL-003	Modifications didnt match valid unauthorized modifications that can be deleted for this record
obsfcfc core- services	GCS- DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.

obsfcfc- core- services	GCS- DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.
obsfcfc- core- services	GCS- DEL-006	No valid unauthroized modifications found for deleting
obsfcfc- core- services	GCS- DEL-007	Failed to delete. Only maker of the modification(s) can delete.
obsfcfc- core- services	GCS- MOD-001	Closed Record cannot be modified
obsfcfc- core- services	GCS- MOD-002	Record Successfully Modified
obsfcfc- core- services	GCS- MOD-003	Record marked for close, cannot modify.
obsfcfc- core- services	GCS- MOD-004	Only maker of the record can modify before once auth
obsfcfc- core- services	GCS- MOD-005	Not amendable field, cannot modify
obsfcfc- core- services	GCS- MOD-006	Natural Key cannot be modified
obsfcfc- core- services	GCS- REOP-003	Successfully Reopened
obsfcfc- core- services	GCS- REOP-01	Unauthorized Record cannot be Reopened
obsfcfc- core- services	GCS- REOP-02	Failed to Reopen the Record, cannot reopen Open records
obsfcfc- core- services	GCS- REOP-03	Successfully Reopened
obsfcfc- core- services	GCS- REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized
obsfcfc- core- services	GCS- SAV-001	Record already exists
obsfcfc- core- services	GCS- SAV-002	Record Saved Successfully.
obsfcfc- core- services	ST- SAVE-027	Request Successfully Processed
obsfcfc- core- services	ER34	System cannot save more than one Non Customer at this moment

obsfcm-core-services	ER32	No Non Customer data available to save
obsfcm-core-services	ER28	Record Already Exists
obsfcm-core-services	ER13	COUNTERPARTY ALREADY LINKED
obsfcm-core-services	ER14	No customer found for Configurable Parameters
obsfcm-core-services	ER15	No customer found for given Non Customer Id
obsfcm-core-services	ER19	Mismatch in Configurable Parameters
obsfcm-core-services	ER29	The record can not be closed since a transaction is in progress
obsfcm-core-services	ER30	Non Customer Id and Registration Number cannot be null
obsfcm-core-services	ER31	Error occurred while saving non customer data
obsfcm-core-services	ER33	Error occurred while relationship creation
obsfcm-core-services	ER35	More than one records found for given counter party name
obsfcm-core-services	ER36	Number of days are mandatory for auto acceptance
obsfcm-core-services	ER01	Name cannot be duplicate
obsfcm-core-services	ER02	Short Name cannot be duplicate
obsfcm-core-services	ER03	Registration Number cannot be duplicate
obsfcm-core-services	ER04	GIIN cannot be duplicate
obsfcm-core-services	ER05	Email cannot be null
obsfcm-core-services	SCFCM_CS_ER06	Email cannot be duplicate

obsfcfc- core- services	ER07	Landline number is required
obsfcfc- core- services	ER08	Mobile number is required
obsfcfc- core- services	ER09	Fax number is required
obsfcfc- core- services	ER10	Anchor Id cannot be duplicate
obsfcfc- core- services	ER11	Non Customer Id cannot be null
obsfcfc- core- services	ER12	Anchor id and Non Customer code combination cannot be duplicate
obsfcfc- core- services	ER16	Atleast one address should be added
obsfcfc- core- services	ER17	Atleast one anchor should be added
obsfcfc- core- services	ER18	Non Customer Code cannot be null
obsfcfc- core- services	ER20	Name cannot be null
obsfcfc- core- services	ER21	Short Name cannot be null
obsfcfc- core- services	ER22	Registration Number cannot be null
obsfcfc- core- services	ER23	GIIN cannot be null
obsfcfc- core- services	ER24	Anchor id cannot be null
obsfcfc- core- services	ER25	Status cannot be null
obsfcfc- core- services	ER26	Address Type cannot be null
obsfcfc- core- services	ER27	Address Line cannot be null
obsfcfc- core- services	ER37	Counter Party already exists

obsfcm-core-services	ER38	No Record found for Corporate Registration Number
obsfcm-core-services	ER39	Channel cannot be null
obsfcm-core-services	ER40	Category cannot be null
obsfcm-core-services	ER41	Country Code cannot be null
obsfcm-core-services	ER42	Corporate Id & Counter party Id cannot be same
obsfcm-core-services	ER43	Record Saved Successfully
obsfcm-core-services	ER44	The Counter Party is already on-boarded
obsfcm-core-services	ER45	Counter Party Category is mandatory
obsfcm-core-services	CC-01018	Same Swift Address is present more than once
obsfcm-core-services	CC-01019	Mismatch in bank code
obsfcm-core-services	CC-BNK-001	Branch code is in Open status. Close not allowed.
obsfcm-core-services	CC-BNK-002	Reopen not allowed for a closed Branch Code
obsfcm-core-services	CC-BNK-003	Only one Bank Code is allowed.
obsfcm-core-services	CC-BRN-101	Active account/accounts exist for the branch code. Close not allowed.
obsfcm-core-services	CC-BRN-102	This is HO branch. Close not allowed.
obsfcm-core-services	CC-CUS-17	Kindly Enter a Valid Walkin Customer
obsfcm-core-services	CMC-BRN-CD01	Date changed successfully
obsfcm-core-services	CMC-BRN-CD02	Failed to change date, holiday list not maintained properly

obsfcfc core- services	CMC-BRN- EOD01	Branch Status not in TI, cannot initiate EOD
obsfcfc core- services	CMC-BRN- EOD02	EOD invoked for the branch
obsfcfc core- services	CMC-BRN- EOD03	Invalid Branch Code
obsfcfc core- services	CMC-BRN- EOD04	Eod Requested on Date is not Branch's Today
obsfcfc core- services	CMC-BRN- EOD05	EOD cannot be invoked on a holiday
obsfcfc core- services	CMC-BRN- EOD06	Date changed successfully
obsfcfc core- services	CMC-BRN- EOD07	EOD not invoked, cannot initiate change date
obsfcfc core- services	CMC-BRN- EOD08	EOFI job not completed, cannot initiate change date
obsfcfc core- services	CMC-BRN- EOD09	EOD not invoked, cannot initiate mark TI
obsfcfc core- services	CMC-BRN- EOD10	Date Change job not completed, cannot initiate TI for next day
obsfcfc core- services	CMC-BRN- EOD11	Mark TI successful
obsfcfc core- services	CMC-BRN- EOD12	Branch status not in TI, cannot initiate Mark EOFI
obsfcfc core- services	CMC-BRN- EOD13	Branch status not in EOFI, cannot change Date
obsfcfc core- services	CMC-BRN- EOD14	Branch status for next working date update to BOD
obsfcfc core- services	CMC- ORCH-001	Failed to initiate.
obsfcfc core- services	CMC- ORCH-002	Transaction is successfully initiated.
obsfcfc core- services	CMC- ORCH-003	Invalid action, failed to initiate.
obsfcfc core- services	CMC- ORCH-004	\$1 is not submitted, transaction remains the same.

obsfcm-core-services	CMC-ORCH-005	Cannot proceed with submit as the action is not initiated.
obsfcm-core-services	CMC-ORCH-006	Cannot proceed with submit as the information is incomplete.
obsfcm-core-services	CMC-ORCH-007	Failed to submit.
obsfcm-core-services	CMC-ORCH-008	Record successfully submitted.
obsfcm-core-services	CMC-ORCH-009	\$1 is in-progress, failed to initiate.
obsfcm-core-services	CMC-ORCH-010	Aw, snap! An unexpected exception occurred, try again.
obsfcm-core-services	CMC-ORCH-011	Invalid request.
obsfcm-core-services	CMC-ORCH-012	Cannot proceed with submit as the action is not initiated.
obsfcm-core-services	CMC-ORCH-013	Cannot find the provided information.
obsfcm-core-services	CMC-ORCH-014	Record is not yet submitted by \$1, cannot initiate the action.
obsfcm-core-services	CMC-ORCH-015	Record already unlocked by \$1.
obsfcm-core-services	CMC-VAM-001	Rolled Back Due to Exception
obsfcm-core-services	CMC-OV-001	Override Codes must not be empty
obsfcm-core-services	CMC-OV-002	Business Overrides Saved Successfully
obsfcm-core-services	CMC-OV-003	Business Overrides Updated Successfully
obsfcm-core-services	CMC-OV-004	Business Overrides Authorized Successfully
obsfcm-core-services	CMC-OV-005	Business Overrides Approval Pending
obsfcm-core-services	CMC-OV-006	Maker Cannot Authorize

obsfcfc core- services	CMC- OV-007	Multiple Authorizations not allowed for checker
obsfcfc core- services	CMC- OV-008	No Records found for approval
obsfcfc core- services	CMC- OV-009	Maker should approve the records
obsfcfc core- services	CMC- OV-010	Reference number is not valid
obsfcfc core- services	CMC- OV-011	Exception Occurred while converting string to number
obsfcfc core- services	CMC- OV-012	Server Error Occurred during API call
obsfcfc core- services	CMC- OV-013	Client Error Occurred during API call
obsfcfc core- services	CMC- OV-014	Illegal State Exception Occurred
obsfcfc core- services	CMC- OV-015	JTA Transaction unexpectedly rolled back
obsfcfc core- services	CMC- OV-016	Exception Occurred while creating Bean
obsfcfc core- services	CMC- OV-017	Unexpected Exception Occurred
obsfcfc core- services	CMC- OV-018	Exception Occurred while Executing Query
obsfcfc core- services	OBSCFCM- SAV-001	Records Saved Successfully.
obsfcfc core- services	OBSCFCM- SAV-002	No Records Saved.
obsfcfc core- services	OBSCFCM- SAV-003	Error Saving Non Customer.
obsfcfc core- services	OBSCFCM- AUT-001	Records Authorized Successfully.
obsfcfc core- services	OBSCFCM- AUT-002	No Records Authorized.
obsfcfc core- services	CC-BIC-010	Bic code is being used in branch maintenance. Close not allowed.

obsfcm-core-services	CC-BIC02	The BIC code does not conform to SWIFT standards
obsfcm-core-services	CC-BIC05	Record already maintained for the customer no
obsfcm-core-services	CC-C00100	Relationship cannot be No for a Customer Linked BIC Code
obsfcm-core-services	CC-TXN-001	\$1 is closed. Reopen not allowed.
obsfcm-core-services	CMC-CCY-061	Maintenance Country is NULL
obsfcm-core-services	CMC-CCY-062	Maintenance Country is Empty
obsfcm-core-services	CMC-CCY-063	Currency1/Currency2/branch Code is NULL
obsfcm-core-services	CC-ACC-002	Currency should be null for Multi-Currency Account
obsfcm-core-services	CMC-BRN-EOD15	Branch status not in BOD, cannot mark TI
obsfcm-core-services	CMC-BRN-EOD16	Branch status for next working date update to TI
obsfcm-core-services	CMC-BRN-EOD17	Branch Status Changed to EOFI
obsfcm-core-services	CMC-BRN-EOD18	Invoke Mark TI failed
obsfcm-core-services	CMC-BRN-EOD19	Date change completed cannot retrigger
obsfcm-core-services	CMC-BRN-EOD20	Mark TI completed cannot retrigger
obsfcm-core-services	CMC-BRN-EOD30	Invalid requested date, failed to parse
obsfcm-core-services	CMC-BRN-EOD31	Mark Eoti retry initiated
obsfcm-core-services	CMC-BRN-EOD32	Cannot retry Mark EOFI which has not failed
obsfcm-core-services	CC-HST-001	Active \$1 exist for the Host Code

obsfcm-core-services	CMC-LOV-007	Invalid Limit Currency
obsfcm-core-services	CMC-LOV-011	Invalid Version
obsfcm-core-services	CC-CUS-167	Record already exist for customer no and source system customer no combination
obsfcm-core-services	CC-CUS-169	Active account/accounts exist for the customer no
obsfcm-core-services	CMC-CUS-FOR01	Record successfully deleted
obsfcm-core-services	CMC-CUS-PII01	User doesnt have access to PII data, cannot perform create or modify operations
obsfcm-core-services	CMC-FORC-001	Request is null, not valid.
obsfcm-core-services	CMC-FORC-002	Forget customers request created successfully.
obsfcm-core-services	CMC-FORC-003	Failed to create forget entities request.
obsfcm-core-services	CMC-FORC-004	Invalid id sent, id null
obsfcm-core-services	CMC-FORC-005	Already authorized
obsfcm-core-services	CMC-FORC-006	Authorized successfully
obsfcm-core-services	CMC-FORC-007	Record not found, invalid id.
obsfcm-core-services	CMC-FORC-008	Cannot delete authorized record
obsfcm-core-services	CMC-FORC-009	Record successfully deleted
obsfcm-core-services	CMC-FORC-010	Invalid Customer \$1 added, customer should be valid and in closed and authorized state without pending maintenance
obsfcm-core-services	ST-CUS-167	Record already exist for customer no and source system customer no combination
obsfcm-core-services	CMC-LOV-002	Invalid Currency

obsfcfcm-core-services	CMC-LOV-003	Cannot Close the record for which rates are maintained
obsfcfcm-core-services	CMC-LOV-004	Invalid Language Code
obsfcfcm-core-services	CMC-LOV-005	Invalid Country
obsfcfcm-core-services	CMC-LOV-006	Invalid GLCode
obsfcfcm-core-services	CMC-LOV-008	Invalid Year
obsfcfcm-core-services	CMC-LOV-009	Invalid Month
obsfcfcm-core-services	CMC-LOV-010	Amount Limit Exceeds
obsfcfcm-core-services	CC-ECA-001	Active \$1 exist for the Source System
obsfcfcm-core-services	CMC-LOV-001	Invalid Source Code
obsfcfcm-core-services	CMC-CCY-065	Error in conversion
obsfcfcm-core-services	CMC-CCY-066	Rate is not handled for currency1 and currency2
obsfcfcm-core-services	CMC-CCY-067	Rate is not handled for currency2 and currency1
obsfcfcm-core-services	CMC-CCY-068	Error in Amount rounding
obsfcfcm-core-services	CMC-CCY-069	Currency definition is not maintained for given currency and maintenance country
obsfcfcm-core-services	CMC-CCY-070	Error in getting branch currency and country
obsfcfcm-core-services	CMC-CCY-071	Error in getting currency pair for currency1 and currency2
obsfcfcm-core-services	CMC-CCY-072	Error in getting Premium points for currency1 and currency2
obsfcfcm-core-services	CMC-CCY-073	Error in getting rate with through currency

obsfcm-core-services	CMC-CCY-074	Error in getting Rate
obsfcm-core-services	CMC-CCY-075	Rate History is not handled for currency1 and currency2
obsfcm-core-services	CMC-CCY-076	Rate History is not handled for currency2 and currency1
obsfcm-core-services	CMC-CCY-079	Data inadequate in currency Pair Definition
obsfcm-core-services	CMC-BRN-EOD33	Date Changed successfully. \$1
obsfcm-core-services	CMC-BRN-EOD34	BOD Batches completed successfully.
obsfcm-core-services	CMC-BRN-EOD35	BOD Batches retrigged successfully. \$1
obsfcm-core-services	CC-ACC-102	Record already exist for Source Branch and Source Account No combination
obsfcm-core-services	CC-ACC-169	Reopen not allowed for a closed Customer No
obsfcm-core-services	CC-EC-002	Record already exist for Account IBAN
obsfcm-core-services	CC-MOD-001	\$1 cannot be modified
obsfcm-core-services	CC-MOD-INV	\$1 is invalid
obsfcm-core-services	CC-NUL-001	\$1 cannot be null
obsfcm-core-services	CMC-ACC-FOR01	Cannot reopen forgotten account
obsfcm-core-services	CMC-ACC-PII01	User doesnt have access to PII data, cannot perform create or modify operations
obsfcm-core-services	CC-01015	Default BIC Is Checked For More Than One BIC
obsfcm-core-services	CC-01016	Swift Address is Mandatory
obsfcm-core-services	CC-01017	Default BIC Is Not Checked For any BIC

obsfcm-core-services	ERR_CM_P R_UK1	Product code is already present for this branch
obsfcm-core-services	ERR_CM_O SNW_UK2	Location code and priority should be unique for other network bank location
obsfcm-core-services	ERR_CM_O SNW_UK1	Bank code and location code should be unique for other network bank location
obsfcm-core-services	ERR_CM_C ORR_UK2	Location code and priority should be unique for corresponding bank location
obsfcm-core-services	ERR_CM_C ORR_UK1	Bank code and location code should be unique for corresponding bank location
obsfcm-core-services	CC- CORENRCH -001	Corporate enrichment for this corporate code already exist.
obsfcm-core-services	CMC-BRN- EOD36	\$1. Hence EOFI Failed.
obsfcm-core-services	CMC- LOV-012	Rate Type \$1 is invalid
obsfcm-core-services	CMC- FORC-011	Invalid request. Duplicate requests for customer number \$1
obsfcm-core-services	CMC- CCY-077	Currency Pair is not maintained
obsfcm-core-services	CMC- CCY-078	Error in purging
obsfcm-core-services	CMC-BRN- EOD21	Date changed failed
obsfcm-core-services	CMC- BRN-100	Branch Status retrieved Successfully
obsfcm-core-services	CMC- BRN-101	Branch doesnot exist
obsfcm-core-services	CMC- CCY-001	Duplicate records exists in Amount word currency Mapping
obsfcm-core-services	CMC- CCY-002	Duplicate records exists in Amount Text Mapping
obsfcm-core-services	CMC- CCY-003	Cannot change Currency Decimal for once authorized currencies
obsfcm-core-services	CMC- CCY-004	Cannot Change round unit if the round rule is Truncate (T)

obsfcfcm-core-services	CMC-CCY-005	Mandatory field Interest Method is not entered
obsfcfcm-core-services	CMC-CCY-006	Mandatory field Spot Days is not entered
obsfcfcm-core-services	CMC-CCY-007	Mandatory field Settlement Days is not entered
obsfcfcm-core-services	CMC-CCY-008	Mandatory field Country is not entered
obsfcfcm-core-services	CMC-CCY-009	Mandatory field Rule is not entered
obsfcfcm-core-services	CMC-CCY-010	Value should be in range of 0 and 999 for Settlement Days
obsfcfcm-core-services	CMC-CCY-011	Mandatory field Unit is not entered
obsfcfcm-core-services	CMC-CCY-012	Decimals/ Rounding Unit Mismatch
obsfcfcm-core-services	CMC-CCY-013	Numerator of Interest Method is not Actual
obsfcfcm-core-services	CMC-CCY-014	Duplicate Alternate Currency Code
obsfcfcm-core-services	CMC-CCY-015	Duplicate ISO Numeric Currency Code
obsfcfcm-core-services	CMC-CCY-016	Duplicate Euro currency
obsfcfcm-core-services	CMC-CCY-017	Euro Conversion required cannot be changed for the currency types out, Euro and Euro closed
obsfcfcm-core-services	CMC-CCY-018	Spot days is less than fx netting days
obsfcfcm-core-services	CMC-CCY-019	Currency Cut Off days cannot be greater than spot days for currency
obsfcfcm-core-services	CMC-CCY-020	Spot Days for currency cannot be lesser than cut off days for currency
obsfcfcm-core-services	CMC-CCY-021	Value should be in range of 1 and 99 for Cut Off Days
obsfcfcm-core-services	CMC-CCY-022	Value should be in range of 1 and 23 for Cut Off Hour

obsfcm-core-services	CMC-CCY-023	Value should be in range of 1 and 59 for Cut Off Min
obsfcm-core-services	CMC-CCY-024	Value cannot be less than .00000 for Currency Total limit
obsfcm-core-services	CMC-CCY-025	Value should be in range of 0 and 3 for Currency Decimal
obsfcm-core-services	CMC-CCY-026	Country Code is Mandatory
obsfcm-core-services	CMC-CCY-027	Duplicate records exists in Currency Country Mapping
obsfcm-core-services	CMC-CCY-028	Mandatory field Country is not entered in Currency Country Mapping
obsfcm-core-services	CMC-CCY-029	Currency Code is NULL
obsfcm-core-services	CMC-CCY-030	Date is NULL
obsfcm-core-services	CMC-CCY-031	Date is Invalid (should be in yyyy-mm-dd format)
obsfcm-core-services	CMC-CCY-032	No record found
obsfcm-core-services	CMC-CCY-033	Next/Previous indicator is NULL (should be either N or P)
obsfcm-core-services	CMC-CCY-034	Next/Previous indicator is Invalid (should be either N or P)
obsfcm-core-services	ER51	Counter Party Id does not Exist
obsfcm-core-services	ER52	Relationship Created / Updated successfully : Record rejected program code cannot be more than 10
obsfcm-core-services	ER58	Relationship Created / Updated successfully : Program Successfully Modified
obsfcm-core-services	PLATO-EVNT-001	Failed to update
obsfcm-core-services	PLATO-EVNT-002	Record already exists
obsfcm-core-services	DD-ER-02	Requestor Party Role can not be empty

obsfcm-core-services	DD-ER-03	Requestor Party can not be empty
obsfcm-core-services	DD-ER-04	Provide Relationship Code or Counterparty
obsfcm-core-services	DD-ER-06	Counterparty Role can not be empty
obsfcm-core-services	DD-ER-07	Effective Date can not be empty
obsfcm-core-services	DD-ER-08	Expiry Date can not be empty
obsfcm-core-services	ER53	Relationship Created / Updated successfully : Counterparty and Program linkage already exists. No updates done
obsfcm-core-services	ER54	Relationship Created / Updated successfully : Error occurred while modifying program data
obsfcm-core-services	ER56	Relationship Created / Updated successfully : Incorrect Program Code format.
obsfcm-core-services	ER59	Relationship Created / Updated successfully : No record found for given Program Code
obsfcm-core-services	CORP-NULL	Corporate Code cannot be null
obsfcm-core-services	CUDIV-007	Cannot modify as record does not exist
obsfcm-core-services	CUDIV-008	Division code does not exist
obsfcm-core-services	CUDIV-009	Party ID cannot be null
obsfcm-core-services	CUDIV-010	Party ID is not valid Customer or Non Customer
obsfcm-core-services	CUDIV-011	Please enter valid Email
obsfcm-core-services	CUDIV-012	Please enter valid Telephone no.
obsfcm-core-services	CUDIV-013	Please enter valid Address 1
obsfcm-core-services	CUDIV-014	Please enter valid Address 2

obsfcfc- core- services	CUDIV-015	Please enter valid Address 3
obsfcfc- core- services	CUDIV-016	Please enter valid Address 4
obsfcfc- core- services	CUDIV-017	Please enter max 105 alphanumeric and ,&- characters for Division Code
obsfcfc- core- services	CUDIV-018	Please enter max 105 alphanumeric and ,&- characters for Division Name
obsfcfc- core- services	CUDIV-019	Corporate Id cannot be null
obsfcfc- core- services	CUDIV-020	Corporate Id does not exist
obsfcfc- core- services	CUDIV-021	Division Code cannot be empty or null
obsfcfc- core- services	CUDIV-022	Invalid Division Code
obsfcfc- core- services	CUDIV-023	Delete Close cannot be empty or null
obsfcfc- core- services	CUDIV-024	Delete Close must be either D or C
obsfcfc- core- services	CUDIV-025	Auth Require cannot be empty or null
obsfcfc- core- services	CUDIV-026	Auth Require must be either Y or N
obsfcfc- core- services	CUDIV-027	Unable to authorize delete
obsfcfc- core- services	CUDIV-028	No Record found for the given Corporate Id
obsfcfc- core- services	CUDIV-029	No Record found for the given Division Code
obsfcfc- core- services	CUDIV-030	Only Unauthorized records can be deleted
obsfcfc- core- services	CUDIV-031	Only Maker of the record can delete the record
obsfcfc- core- services	CUDIV-032	Only Authorized records can be closed

obsfcfc- core- services	CUDIV-033	Record already Closed
obsfcfc- core- services	CUDIV-034	Record is In Progress
obsfcfc- core- services	CUDIV-035	Failed to process the request. Please try later
obsfcfc- core- services	AUTO- APPRVL	Auto Approval
obsfcfc- core- services	DELETED- RMK	Deleted
obsfcfc- core- services	CLOSED- RMK	Closed
obsfcfc- core- services	PAYTMS-00 1	Filter Criteria cannot be null
obsfcfc- core- services	PAYTMS-00 2	Relationship cannot be null
obsfcfc- core- services	PAYTMS-00 3	Program cannot be null
obsfcfc- core- services	PAYTMS-00 4	Spoke cannot be null
obsfcfc- core- services	PAYTMS-00 5	Party cannot be null
obsfcfc- core- services	PAYTMS-00 6	Days of Week cannot be null
obsfcfc- core- services	PAYTMS-00 7	Days of Month cannot be null
obsfcfc- core- services	PAYTMS-00 8	Payment Date Calculation Basis cannot be null
obsfcfc- core- services	PAYTMS-00 9	Holiday Treatment cannot be null
obsfcfc- core- services	PAYTMS-01 0	From Day cannot be null
obsfcfc- core- services	PAYTMS-01 1	To Day cannot be null
obsfcfc- core- services	PAYTMS-01 2	Payment Day cannot be null

obsfcfc- core- services	ER64	Division Code not maintained in Division Master for given Counter Party Id
obsfcfc- core- services	ER65	Division Code not maintained in Division Master for given Corporate Id
obsfcfc- core- services	DD-ER-09	Invoice Amount From should be greater than 0
obsfcfc- core- services	DD-ER-10	Invoice Amount To should be greater than Invoice Amount From
obsfcfc- core- services	DD-ER-11	Discount Type can not be empty
obsfcfc- core- services	DD-ER-12	Remaining Tenor From can not be empty
obsfcfc- core- services	DD-ER-13	Remaining Tenor To can not be empty
obsfcfc- core- services	DD-ER-14	No tenor based record found
obsfcfc- core- services	DD-ER-15	Lower Discount Rate Threshold can not be empty
obsfcfc- core- services	DD-ER-16	Upper Discount Rate Threshold can not be empty
obsfcfc- core- services	DD-ER-17	Discount Rate can not be empty
obsfcfc- core- services	DD-ER-01	Discount Rule Description can not be empty
obsfcfc- core- services	DD-ER-18	Some error occurred during authorize
obsfcfc- core- services	DD-ER-19	Some error occurred during Submit Create Transaction
obsfcfc- core- services	DD-ER-20	Some error occurred during Initiate Transaction
obsfcfc- core- services	DD-ER-21	System error occurred
obsfcfc- core- services	ER67	Please enter correct Party type (should be either B or S)
obsfcfc- core- services	ER68	Zip Code cannot be null

obsfcfc- core- services	ER66	Holiday treatment cannot be null
obsfcfc- core- services	ER69	Address Line 1 is mandatory
obsfcfc- core- services	ER70	Auto acceptance cannot be null
obsfcfc- core- services	CP-SUMM- API-002	Cashflow Code is mandatory
obsfcfc- core- services	ER71	Counter Party Id does not belong to the Corporate
obsfcfc- core- services	ER49	Relationship is created for Non Customer hence New Non Customer cannot be on-boarded
obsfcfc- core- services	ER60	Corporate Id cannot be null
obsfcfc- core- services	ER61	Counter Party Id cannot be null
obsfcfc- core- services	ER62	External Code cannot be null
obsfcfc- core- services	ER47	Effective From Date cannot be less than Current Business Date
obsfcfc- core- services	ER48	Valid Till Date cannot be less than Effective From Date
obsfcfc- core- services	SCFCM- TECH	Technical Error.
obsfcfc- core- services	ER50	Effective From Date cannot be greater than Valid Till Date
obsfcfc- core- services	ER55	Relationship Created / Updated successfully : Program does not exist for the given Code
obsfcfc- core- services	ER57	No Record found for given Non Customer Id
obsfcfc- core- services	ER63	Relationship not found for given Corporate Id
obsfcfc- core- services	GCS- AUTH-05	Failed to Authorize the record
obsfcfc- core- services	GCS- CLOS-04	Failed to Close the record

obsfcm-core-services	GCS-COM-012	Error saving child data segment, Master validation failed
obsfcm-core-services	GCS-COM-013	Error saving the data segment
obsfcm-core-services	GCS-COM-014	Error validating the data segment
obsfcm-core-services	GCS-COM-015	Error submitting the data segment
obsfcm-core-services	GCS-COM-016	Unexpected error occurred during runtime
obsfcm-core-services	GCS-COM-017	Error deleting the extended data segment
obsfcm-core-services	GCS-COM-018	Remove lock failed
obsfcm-core-services	GCS-COM-019	Revert call to extended data segment failed
obsfcm-core-services	GCS-COM-020	Revert call to subdomain data segment failed
obsfcm-core-services	GCS-COM-021	Error deleting the subdomain data segment
obsfcm-core-services	GCS-COM-022	Authorize call to extended data segment failed
obsfcm-core-services	GCS-COM-023	Authorize call to subdomain data segment failed
obsfcm-core-services	GCS-COM-025	Client error occurred during API call
obsfcm-core-services	GCS-COM-026	Invalid data segment code
obsfcm-core-services	GCS-DEL-008	Failed to Delete the record
obsfcm-core-services	GCS-DEL-009	No valid prevalidated modifications found for deletion
obsfcm-core-services	GCS-MOD-008	Failed to Update the record
obsfcm-core-services	GCS-REOP-05	Failed to Reopen the record

obsfcfc core- services	GCS- REVT-01	Record reverted successfully
obsfcfc core- services	GCS- REVT-02	Failed to Revert the record
obsfcfc core- services	GCS- SAV-004	Failed to create the record
obsfcfc core- services	GCS- LOCK-01	Remove dirty lock failed
obsfcfc core- services	GCS-VAL-01	Field Validation Failed
obsfcfc core- services	ER49	Relationship is created for Non Customer hence New Non Customer cannot be on-boarded
obsfcfc core- services	ER59	Relationship Created / Updated successfully : No record found for given Program Code
obsfcfc core- services	ER60	Corporate Id cannot be null
obsfcfc core- services	ER61	Counter Party Id cannot be null
obsfcfc core- services	ER62	External Code cannot be null
obsfcfc core- services	ER63	Relationship not found for given Corporate Id
obsfcfc core- services	ER64	Division Code not maintained in Division Master for given Counter Party Id
obsfcfc core- services	ER65	Division Code not maintained in Division Master for given Corporate Id
obsfcfc core- services	CUDIV-001	Division Code cannot be same
obsfcfc core- services	CUDIV-002	Party Id already exists
obsfcfc core- services	CUDIV-003	Party Id cannot be null
obsfcfc core- services	CUDIV-004	Party name cannot be null
obsfcfc core- services	CUDIV-005	Division code cannot be null

obsfcm-core-services	CUDIV-006	Division name cannot be null
obsfcm-core-services	CUDIV-007	Cannot modify as record does not exist
obsfcm-core-services	CUDIV-008	Division code does not exist
obsfcm-core-services	ER48	Valid Till Date cannot be less than Effective From Date
obsfcm-core-services	ER50	Effective From Date cannot be greater than Valid Till Date
obsfcm-core-services	ER58	Relationship Created / Updated successfully : Program Successfully Modified
obsfcm-core-services	ER53	Relationship Created / Updated successfully : Counterparty and Program linkage already exists. No updates done
obsfcm-core-services	ER54	Relationship Created / Updated successfully : Error occurred while modifying program data
obsfcm-core-services	ER56	Relationship Created / Updated successfully : Incorrect Program Code format.
obsfcm-core-services	SCFCM-TECH	Technical Error.
obsfcm-core-services	ER47	Effective From Date cannot be less than Current Business Date
obsfcm-core-services	ER34	System cannot save more than one Non Customer at this moment
obsfcm-core-services	ER32	No Non Customer data available to save
obsfcm-core-services	ER28	Record Already Exists
obsfcm-core-services	ER13	COUNTERPARTY ALREADY LINKED
obsfcm-core-services	ER14	No customer found for Configurable Parameters
obsfcm-core-services	ER15	No customer found for given Non Customer Id
obsfcm-core-services	ER19	Mismatch in Configurable Parameters

obsfcm-core-services	ER29	The record can not be closed since a transaction is in progress
obsfcm-core-services	ER30	Non Customer Id and Registration Number cannot be null
obsfcm-core-services	ER31	Error occured while saving non customer data
obsfcm-core-services	ER33	Error occured while relationship creation
obsfcm-core-services	ER35	More than one records found for given counter party name
obsfcm-core-services	ER36	Number of days are mandatory for auto acceptance
obsfcm-core-services	ER01	Name cannot be duplicate
obsfcm-core-services	ER02	Short Name cannot be duplicate
obsfcm-core-services	ER03	Registration Number cannot be duplicate
obsfcm-core-services	ER04	GIIN cannot be duplicate
obsfcm-core-services	ER05	Email cannot be null
obsfcm-core-services	ER06	Email cannot be duplicate
obsfcm-core-services	ER07	Landline number is required
obsfcm-core-services	ER08	Mobile number is required
obsfcm-core-services	ER09	Fax number is required
obsfcm-core-services	ER10	Anchor Id cannot be duplicate
obsfcm-core-services	ER11	Non Cutomer Id cannot be null
obsfcm-core-services	ER12	Anchor id and Non Customer code combination cannot be duplicate

obsfcm-core-services	ER16	Atleast one address should be added
obsfcm-core-services	ER17	Atleast one anchor should be added
obsfcm-core-services	ER18	Non Customer Code cannot be null
obsfcm-core-services	ER20	Name cannot be null
obsfcm-core-services	ER21	Short Name cannot be null
obsfcm-core-services	ER22	Registration Number cannot be null
obsfcm-core-services	ER23	GIIN cannot be null
obsfcm-core-services	ER24	Anchor id cannot be null
obsfcm-core-services	ER25	Status cannot be null
obsfcm-core-services	ER26	Address Type cannot be null
obsfcm-core-services	ER27	Address Line cannot be null
obsfcm-core-services	ER37	Counter Party already exists
obsfcm-core-services	ER38	No Record found for Corporate Registration Number
obsfcm-core-services	ER39	Channel cannot be null
obsfcm-core-services	ER40	Category cannot be null
obsfcm-core-services	ER41	Country Code cannot be null
obsfcm-core-services	ER42	Corporate Id & Counter party Id cannot be same
obsfcm-core-services	ER43	Record Saved Successfully

obsfcm-core-services	ER44	The Counter Party is already on-boarded
obsfcm-core-services	ER45	Counter Party Category is mandatory
obsfcm-core-services	ER46	Relationship is created for Non Customer hence Buyer/Supplier cannot be a Non Customer
obsfcm-core-services	CORP-NULL	Corporate Code cannot be null
obsfcm-core-services	CUDIV007	Cannot modify as record does not exist
obsfcm-core-services	CUDIV-009	Party ID cannot be null
obsfcm-core-services	CUDIV-010	Party ID is not valid Customer or Non Customer
obsfcm-core-services	CUDIV-011	Please enter valid Email
obsfcm-core-services	CUDIV-012	Please enter valid Telephone no.
obsfcm-core-services	CUDIV-013	Please enter valid Address 1
obsfcm-core-services	CUDIV-014	Please enter valid Address 2
obsfcm-core-services	CUDIV-015	Please enter valid Address 3
obsfcm-core-services	CUDIV-016	Please enter valid Address 4
obsfcm-core-services	CUDIV-017	Please enter max 105 alphanumeric and ,&- characters for Division Code
obsfcm-core-services	CUDIV-018	Please enter max 105 alphanumeric and ,&- characters for Division Name
obsfcm-core-services	AUTO-APPRVL	Auto Approval
obsfcm-core-services	DELETED-RMK	Deleted
obsfcm-core-services	CLOSED-RMK	Closed

obsfcm-core-services	CUDIV-019	Corporate Id cannot be NULL
obsfcm-core-services	CUDIV-020	Corporate Id does not exist
obsfcm-core-services	CUDIV-021	Division Code cannot be empty or NULL
obsfcm-core-services	CUDIV-022	Invalid Division Code
obsfcm-core-services	CUDIV-023	Delete Close cannot be empty or null
obsfcm-core-services	CUDIV-024	Delete Close must be either D or C
obsfcm-core-services	CUDIV-025	Auth Require cannot be empty or null
obsfcm-core-services	CUDIV-026	Auth Require must be either Y or N
obsfcm-core-services	CUDIV-027	Unable to authorize delete
obsfcm-core-services	CUDIV-028	No Record found for the given Corporate Id
obsfcm-core-services	ER55	Relationship Created / Updated successfully : Program does not exist for the given Code
obsfcm-core-services	ER57	No Record found for given Non Customer Id
obsfcm-core-services	PAYTMS-00 2	Relationship cannot be null
obsfcm-core-services	ER52	Relationship Created / Updated successfully : Record rejected program code cannot be more than 10
obsfcm-core-services	PAYTMS-00 1	Filter Criteria cannot be null
obsfcm-core-services	PAYTMS-00 3	Program cannot be null
obsfcm-core-services	PAYTMS-00 4	Spoke cannot be null
obsfcm-core-services	PAYTMS-00 5	Party cannot be null

obsfcfc- core- services	PAYTMS-00 6	Days of Week cannot be null
obsfcfc- core- services	PAYTMS-00 7	Days of Month cannot be null
obsfcfc- core- services	PAYTMS-00 8	Payment Date Calculation Basis cannot be null
obsfcfc- core- services	PAYTMS-00 9	Holiday Treatment cannot be null
obsfcfc- core- services	PAYTMS-01 0	From Day cannot be null
obsfcfc- core- services	CUDIV-029	No Record found for the given Division Code
obsfcfc- core- services	PAYTMS-01 1	To Day cannot be null
obsfcfc- core- services	PAYTMS-01 2	Payment Day cannot be null
obsfcfc- core- services	CUDIV-030	Only Unauthorized records can be deleted
obsfcfc- core- services	CUDIV-031	Only Maker of the record can delete the record
obsfcfc- core- services	CUDIV-032	Only Authorized records can be closed
obsfcfc- core- services	CUDIV-033	Record already Closed
obsfcfc- core- services	CUDIV-034	Record is In Progress
obsfcfc- core- services	CUDIV-035	Failed to process the request Please try later
obsfcfc- core- services	ER51	Counter Party Id does not Exist
obsfcfc- core- services	DD-ER-18	Some error occurred during authorize
obsfcfc- core- services	DD-ER-19	Some error occurred during submit Create Transaction
obsfcfc- core- services	DD-ER-20	Some error occurred during Initiate Transaction

obsfcfc- core- services	DD-ER-21	System error occurred
obsfcfc- core- services	SCFCM_CS _ER06	Email cannot be duplicate
obsfcfc- core- services	ER66	Holiday treatment cannot be null
obsfcfc- core- services	ER69	Address Line 1 is mandatory
obsfcfc- core- services	ER68	Zip Code cannot be null
obsfcfc- core- services	ER67	Please enter correct Party type (should be either B or S)
obsfcfc- core- services	DD-ER-22	Discount Details could not be fetched
obsfcfc- core- services	ER70	Auto acceptance cannot be null
obsfcfc- core- services	ER71	Counter Party Id does not belong to the Corporate
obsfcfc- account- maintenance -services	PLATO- EVNT-002	Record already exists
obsfcfc- account- maintenance -services	SYSERR	System error
obsfcfc- account- maintenance -services	SCF-ER-11	Can not proceed with stale data.
obsfcfc- account- maintenance -services	SCF-PAY- ER61	Transaction cannot be processed
obsfcfc- account- maintenance -services	PLATO- EVNT-001	Failed to update
obsfcfc- account- maintenance -services	SCF-ER-12	Request Funding Date should be greater than Current Business Date.
obsfcfc- account- maintenance -services	SCF-ER-13	Auto Debit Process is already running..!!

obsfcm- account- maintenance -services	ENR- ERR-09	Date format is invalid. Expected Format is dd/MM/yyyy
obsfcm- account- maintenance -services	SCF-FIN-67	Finance cannot be disbursed because outstanding pre-shipment finance exists.
obsfcm- account- maintenance -services	SCF- INV-002	Process Initiated Successfully
obsfcm- account- maintenance -services	SCF-ER-01	Internal Server Error.
obsfcm- account- maintenance -services	SCF- DEL-001	Record deleted successfully
obsfcm- account- maintenance -services	SCF- SAV-001	Files uploaded successfully.
obsfcm- account- maintenance -services	SCF-ER-02	File extension is not valid.
obsfcm- account- maintenance -services	SCF-ER-03	File already exists.
obsfcm- account- maintenance -services	SCF-ER-04	One or more files are invalid.
obsfcm- account- maintenance -services	SCF- SAV-002	Record saved successfully
obsfcm- account- maintenance -services	SCF- SAV-003	File processing is completed.
obsfcm- account- maintenance -services	SCF- SAV-004	Records updated successfully.
obsfcm- account- maintenance -services	SCF-ER-06	Can not change Invoice Status to given value.
obsfcm- account- maintenance -services	SCF-ER-07	Acceptance Amount is mandatory field.

obsfcfm- account- maintenance -services	SCF-ER-08	Invoice Due Date should be greater than or equal to Invoice Date.
obsfcfm- account- maintenance -services	SCF-ER-09	Invoice Due Date should be greater than or equal to Curent Business Date.
obsfcfm- account- maintenance -services	SCF- SAV-005	Records saved successfully
obsfcfm- account- maintenance -services	SCF-ER-05	Fields other than Invoice Status, Acceptance Amount and Invoice Due Date can not be modified.
obsfcfm- account- maintenance -services	SCF- SAV-006	Invoices authorized sucessfully
obsfcfm- account- maintenance -services	SCF- SAV-008	Unauthorized records cannot be updated.
obsfcfm- account- maintenance -services	SCF- SAV-007	Payment authorised sucessfully
obsfcfm- account- maintenance -services	ENR- ERR-01	Mandatory fields are not received from Annotations
obsfcfm- account- maintenance -services	ENR- ERR-02	Customer does not exist for the received Buyer Name
obsfcfm- account- maintenance -services	ENR- ERR-03	Customer does not exist for the received Supplier Name
obsfcfm- account- maintenance -services	ENR- ERR-04	Program could not be established for the Buyer Supplier Combination
obsfcfm- account- maintenance -services	INV-ML-REJ	Failed to create Transaction
obsfcfm- account- maintenance -services	INV-ML-SAV	Invoice Created Successfully
obsfcfm- account- maintenance -services	SCF- INV-001	Invoice already Exists

obsfcm- account- maintenance -services	SCF- INV-006	Invoice Date can not be greater than Invoice Due Date
obsfcm- account- maintenance -services	INV-ML-UPD	Failed to update Task
obsfcm- account- maintenance -services	ENR- ERR-05	Relation Code could not be established for the Buyer Supplier Combination
obsfcm- account- maintenance -services	ENR- ERR-06	Currency is Unavailable from the invoice
obsfcm- account- maintenance -services	ENR- ERR-07	Invoice Date is Unavailable from the invoice
obsfcm- account- maintenance -services	ENR- ERR-08	Invoice Due Date is Unavailable from the invoice
obsfcm- account- maintenance -services	GCS- SAV-002	Record Saved Successfully.
obsfcm- account- maintenance -services	GCS- MOD-002	Record Successfully Modified
obsfcm- account- maintenance -services	GCS- MOD-006	Natural Key cannot be modified
obsfcm- account- maintenance -services	GCS- SAV-003	Natural Key cannot be null
obsfcm- account- maintenance -services	GCS- SAV-001	Record already exists
obsfcm- instruments- receivables- services	SCF- PAY-020	Allocation Required must either be Y or N.
obsfcm- instruments- receivables- services	SCF- PAY-021	Allocation Required must be Y when Flag is A.
obsfcm- instruments- receivables- services	SCF- PAY-022	Flag cannot be null.

obscfcm-instruments-receivables-services	SCF-INV-036	Invoice Date can not be greater than Current Business Date.
obscfcm-instruments-receivables-services	SCF-PO-040	Po Date cannot be after Current Business Date.
obscfcm-instruments-receivables-services	SCF-INV-038	Exception while fetching current business date
obscfcm-instruments-receivables-services	SCF-INV-039	Record not present to Update
obscfcm-instruments-receivables-services	SCF-INV-041	Invoice Reference Number is required
obscfcm-instruments-receivables-services	SCF-INV-042	Dispute Amount is required if action is Raise Dispute
obscfcm-instruments-receivables-services	SCF-INV-043	Discrepancy code is required if action is Raise Dispute
obscfcm-instruments-receivables-services	SCF-INV-044	Acceptance Amount is required if action is Accept Invoice
obscfcm-instruments-receivables-services	SCF-INV-058	Request Funding Date should be greater than Current Business Date.
obscfcm-instruments-receivables-services	SCF-PO-001	Buyer Id is invalid.
obscfcm-instruments-receivables-services	SCF-PO-002	Supplier Id is invalid.
obscfcm-instruments-receivables-services	SCF-PO-003	PO External Number cannot be Null.
obscfcm-instruments-receivables-services	SCF-PO-004	PO Date cannot be Null.
obscfcm-instruments-receivables-services	SCF-PO-005	PO Promised Date cannot be Null.

obscfcm- instruments- receivables- services	SCF-PO-006 PO Promised Date cannot be less than PO Date.
obscfcm- instruments- receivables- services	SCF-PO-007 Commodity Code cannot be Null.
obscfcm- instruments- receivables- services	SCF-PO-008 Buyer Id cannot be Null.
obscfcm- instruments- receivables- services	SCF-PO-009 Supplier Id cannot be Null.
obscfcm- instruments- receivables- services	SCF-PO-010 Base PO Amount cannot be Null.
obscfcm- instruments- receivables- services	SCF-PO-011 Currency cannot be Null.
obscfcm- instruments- receivables- services	SCF-PO-012 PO for given PO External Number and Buyer Id already exists.
obscfcm- instruments- receivables- services	SCF-PO-013 Combination of Program Id, Spoke Id and Anchor Id is invalid.
obscfcm- instruments- receivables- services	SCF-PO-014 Acceptance Amount cannot be greater than Net PO Amount.
obscfcm- instruments- receivables- services	SCF-PO-015 Funding Request Amount cannot be greater than Net PO Amount.
obscfcm- instruments- receivables- services	SCF-PO-016 Funding Request Amount cannot be greater than Acceptance Amount.
obscfcm- instruments- receivables- services	SCF-PO-017 PO Raised By must be either B or S.
obscfcm- instruments- receivables- services	SCF-PO-018 No relationship exists.
obscfcm- instruments- receivables- services	SCF-PO-019 Multiple relationships exists.

obscfcm-instruments-receivables-services	SCF-PO-020 Program does not exist for the given Buyer and Supplier combination.
obscfcm-instruments-receivables-services	SCF-PO-021 Relationship Code is invalid.
obscfcm-instruments-receivables-services	SCF-PO-022 Currency Code is invalid.
obscfcm-instruments-receivables-services	SCF-PO-024 Net Amount cannot be null.
obscfcm-instruments-receivables-services	SCF-PO-025 Net Amount should be greater than 0.
obscfcm-instruments-receivables-services	SCF-PO-028 Unauthorized records cannot be updated.
obscfcm-instruments-receivables-services	SCF-PO-029 No entry found in Master table.
obscfcm-instruments-receivables-services	SCF-PO-030 Purchase Order cannot be updated for given action. Po Status
obscfcm-instruments-receivables-services	SCF-PO-031 Enter a valid Po Action.
obscfcm-instruments-receivables-services	SCF-PO-032 Pre-Accepted must be either Y or N or null.
obscfcm-instruments-receivables-services	SCF-PO-033 Acceptance Date cannot be null, if Pre-Accepted is Y.
obscfcm-instruments-receivables-services	SCF-PO-034 Acceptance Date cannot be less than PO Date.
obscfcm-instruments-receivables-services	SCF-PO-035 Po External Number length must be less than 25 containing alphanumeric and hyphen
obscfcm-instruments-receivables-services	SCF-PO-036 Date Error. Accepted Date Format YYYY-MM-DD

obscfcm-instruments-receivables-services	SETTL-05	Date format is invalid. Expected Format is yyyy-MM-dd
obscfcm-instruments-receivables-services	SYSERR	System error
obscfcm-instruments-receivables-services	SCF-INV-047	Acceptance Amount is Mandatory if Action is Accept Invoice
obscfcm-instruments-receivables-services	SCF-INV-048	Dispute Amount is Mandatory if action is Raise Dispute
obscfcm-instruments-receivables-services	SCF-INV-049	Discrepancy code is Mandatory if action is Raise Dispute
obscfcm-instruments-receivables-services	SCF-PO-041	Commodity Id does exist.
obscfcm-instruments-receivables-services	PO-ML-REJ	Failed to create Transaction.
obscfcm-instruments-receivables-services	PO-ML-SAV	Purchase Order Created Successfullyt.
obscfcm-instruments-receivables-services	SCF-PO-023	PO Commodity Code is invalid.
obscfcm-instruments-receivables-services	SCF-INV-037	Exception while fetching invoices
obscfcm-instruments-receivables-services	SCF-INV-040	Search parameter is invalid or null
obscfcm-instruments-receivables-services	ENR-ERR-05	Relation Code could not be established for the Buyer Supplier Combination.
obscfcm-instruments-receivables-services	ENR-ERR-06	Currency is Unavailable from the purchase order.
obscfcm-instruments-receivables-services	ENR-ERR-07	Po Date is Unavailable from the invoice.

obscfcm-instruments-receivables-services	ENR-ERR-08	Po Due Date is Unavailable from the invoice.
obscfcm-instruments-receivables-services	SCF-INV-051	Invoice Commodity data does not matches supplier commodity codes.
obscfcm-instruments-receivables-services	SCF-INV-052	Invoice Commodity data does not fulfills min-max quantity criteria for unit.
obscfcm-instruments-receivables-services	SCF-PO-042	PO Commodity data does not matches supplier commodity codes.
obscfcm-instruments-receivables-services	SCF-PO-043	PO Commodity data does not fulfills min-max quantity criteria for unit.
obscfcm-instruments-receivables-services	SCF-DN-01	Debit Note Number is required.
obscfcm-instruments-receivables-services	SCF-NOTE-01	Adjustment Reason Code is Required.
obscfcm-instruments-receivables-services	SCF-NOTE-02	Program Code does not match with Invoice.
obscfcm-instruments-receivables-services	SCF-NOTE-04	Duplicate Invoice Entry found in File.
obscfcm-instruments-receivables-services	SCF-DN-02	Duplicate Debit Note Entry found in File.
obscfcm-instruments-receivables-services	SCF-NOTE-05	Cannot find Invoice in Invoice List.
obscfcm-instruments-receivables-services	SCF-NOTE-06	Invoice List contains Cancelled Invoice.
obscfcm-instruments-receivables-services	SCF-NOTE-07	Commodities Mismatch from invoice.
obscfcm-instruments-receivables-services	SCF-NOTE-08	Commodities Quantity Not Positive in note.

obsfcm-instruments-receivables-services	SCF-CN-01	Duplicate Credit Note Entry found in File.
obsfcm-instruments-receivables-services	SCF-CN-02	Credit Note Number is required.
obsfcm-instruments-receivables-services	SCF-NOTE-03	Net Amount is required.
obsfcm-instruments-receivables-services	SCF-CN-03	Credit Note Date is required.
obsfcm-instruments-receivables-services	SCF-CN-04	Invalid Credit note Expiry.
obsfcm-instruments-receivables-services	SCF-CN-05	Invalid Credit note date.
obsfcm-instruments-receivables-services	SCF-CN-06	Summed credit note amount for this Invoice exceeds Invoice Amount.
obsfcm-instruments-receivables-services	SCF-DN-03	Debit Note Date is required.
obsfcm-instruments-receivables-services	SCF-DN-04	Invalid Debit note due date.
obsfcm-instruments-receivables-services	SCF-DN-05	Invalid Debit note date.
obsfcm-instruments-receivables-services	SCF-INV-056	Invoice Due Date should be greater than or equal to Current Business Date.
obsfcm-instruments-receivables-services	SCF-INV-057	Linked Invoices and Commodities can be updated if Action is Edit
obsfcm-instruments-receivables-services	SCF-PO-026	Amount cannot be null.
obsfcm-instruments-receivables-services	SCF-PO-027	Amount should be greater than 0.

obscfcm-instruments-receivables-services	SCF-PO-037	Data Conversion Error.
obscfcm-instruments-receivables-services	SCF-PO-038	Auth Require must either Y or N.
obscfcm-instruments-receivables-services	LMTERR01	Product Limit Mapping is not found
obscfcm-instruments-receivables-services	LMTERR02	Limit Structure Details are not found
obscfcm-instruments-receivables-services	SCF-NOTE-09	Currency Mismatch from invoice.
obscfcm-instruments-receivables-services	SCF-INV-045	Source application Code is required
obscfcm-instruments-receivables-services	SCF-PAY-023	Payment Mode is required.
obscfcm-instruments-receivables-services	SCF-PAY-024	Payment mode is Invalid.
obscfcm-instruments-receivables-services	SCF-PAY-001	Either Credit Account No. or Beneficiary Code is required.
obscfcm-instruments-receivables-services	SCF-PAY-002	Payment Date should be on or before Current Business Date.
obscfcm-instruments-receivables-services	SCF-PAY-003	Program Code is Invalid
obscfcm-instruments-receivables-services	SCF-PAY-004	Beneficiary code is invalid
obscfcm-instruments-receivables-services	SCF-PAY-005	Beneficiary id is invalid
obscfcm-instruments-receivables-services	SCF-PAY-006	Payment Party id is invalid

obscfcm-instruments-receivables-services	SCF-PAY-007	Combination of Payment Mode and Payment Reference No must be unique.
obscfcm-instruments-receivables-services	SCF-ERR-001	Customer does not exist for the given Buyer Id
obscfcm-instruments-receivables-services	SCF-ERR-002	Customer does not exist for the given Supplier Id
obscfcm-instruments-receivables-services	SCF-ERR-003	Program does not exist for the given Buyer and Supplier combination
obscfcm-instruments-receivables-services	SCF-INB-003	Tenor must be less than or equal to
obscfcm-instruments-receivables-services	SCF-INB-004	Tenor must be greater than or equal to
obscfcm-instruments-receivables-services	SCF-INB-005	Finance already initiated for invoice.
obscfcm-instruments-receivables-services	SCF-INV-010	Fields other than Invoice Status, Acceptance Amount and Invoice Due Date can not be modified.
obscfcm-instruments-receivables-services	SCF-INV-009	Invoice Number should not be modified.
obscfcm-instruments-receivables-services	SCF-INV-001	Invoice already exists.
obscfcm-instruments-receivables-services	SCF-INV-002	Invoice is stale.
obscfcm-instruments-receivables-services	SCF-INV-003	Program Code is invalid.
obscfcm-instruments-receivables-services	SCF-INV-004	Buyer Id is invalid.
obscfcm-instruments-receivables-services	SCF-INV-005	Supplier Id is invalid.

obsfcm-instruments-receivables-services	SCF-INV-006	Invoice Date can not be greater than Invoice Due Date.
obsfcm-instruments-receivables-services	SCF-INV-007	Invalid Record.
obsfcm-instruments-receivables-services	SCF-INV-008	Combination of Program Id, Spoke Id and Anchor Id is invalid.
obsfcm-instruments-receivables-services	SCF-INV-013	Relationship Code is invalid
obsfcm-instruments-receivables-services	SCF-INV-014	Invoice Number is required field.
obsfcm-instruments-receivables-services	SCF-INV-015	Either Buyer Id or Buyer Name is required.
obsfcm-instruments-receivables-services	SCF-INV-016	Either Supplier Id or Supplier Name is required.
obsfcm-instruments-receivables-services	SCF-INV-017	Amount is required field.
obsfcm-instruments-receivables-services	SCF-INV-018	Currency is required field.
obsfcm-instruments-receivables-services	SCF-INV-019	Invoice Date is required field.
obsfcm-instruments-receivables-services	SCF-INV-020	Shipment Date should be greater than or equal to Invoice Date.
obsfcm-instruments-receivables-services	SCF-INV-021	Finance Amount should not be present
obsfcm-instruments-receivables-services	SCF-INV-022	Finance Percentage should not be present
obsfcm-instruments-receivables-services	SCF-INV-023	Max Finance Percentage should not be present

obsfcm-instruments-receivables-services	SCF-INV-024	Paid Amount should not be present
obsfcm-instruments-receivables-services	SCF-INV-025	Payment status should not be present
obsfcm-instruments-receivables-services	SCF-INV-026	Financeable Amount should not be present
obsfcm-instruments-receivables-services	SCF-INV-027	Finance Transaction Status should not be present
obsfcm-instruments-receivables-services	SCF-INV-028	Invoice Number in commodity should be same as that of invoice.
obsfcm-instruments-receivables-services	SCF-INV-029	Customer does not exist for the given Buyer Id
obsfcm-instruments-receivables-services	SCF-INV-030	Customer does not exist for the given Supplier Id
obsfcm-instruments-receivables-services	SCF-INV-031	Error in initiating transaction
obsfcm-instruments-receivables-services	ENR-ERR-01	Mandatory fields are not received from Annotations
obsfcm-instruments-receivables-services	ENR-ERR-02	Customer does not exist for the received Buyer Name
obsfcm-instruments-receivables-services	ENR-ERR-03	Customer does not exist for the received Supplier Name
obsfcm-instruments-receivables-services	ENR-ERR-04	Program does not exist for the Buyer Supplier Combination
obsfcm-instruments-receivables-services	SCF-PAY-008	Payment Indicator does not exist
obsfcm-instruments-receivables-services	SCF-PAY-009	Flag should be E or A for Payments with Debit Indicator

obsfcm-instruments-receivables-services	SCF-PAY-010	Payment Indicator cannot be NULL
obsfcm-instruments-receivables-services	SCF-INV-032	Acceptance Amount cannot be greater than Net Invoice Amount.
obsfcm-instruments-receivables-services	SCF-INV-033	Funding Request Amount cannot be greater than Acceptance Amount.
obsfcm-instruments-receivables-services	SCF-INV-034	Funding Request Amount cannot be greater than Net Invoice Amount.
obsfcm-instruments-receivables-services	SCF-ERR-TEC	Technical Error.
obsfcm-instruments-receivables-services	SCF-PAY-011	Payment Debit/Credit Indicator does not exist
obsfcm-instruments-receivables-services	SCF-PAY-012	Payment Auto-Reconcile Flag must either be Y or N
obsfcm-instruments-receivables-services	SCF-PAY-013	Payment Party Id does not exist
obsfcm-instruments-receivables-services	SCF-PAY-014	Beneficiary Id does not exist
obsfcm-instruments-receivables-services	SCF-PAY-015	Counterparty Id does not exist
obsfcm-instruments-receivables-services	SCF-PAY-016	Incorrect specific appropriation format.
obsfcm-instruments-receivables-services	SCF-PAY-017	The total of Specific Appropriation should be equal to Payment Amount.
obsfcm-instruments-receivables-services	SCF-PAY-018	Incorrect generic appropriation format. Should contain P, I, O, PI, IP, OP, OI, PO, IO, PIO or OIP
obsfcm-instruments-receivables-services	SCF-PAY-019	Either Generic appropriation or Specific Appropriation must be given

obsfcfm-instruments-receivables-services	SCF-INV-035	Invoice Raised By must be either B or S
obsfcfm-instruments-receivables-services	SCF-INV-011	No relationship exists
obsfcfm-instruments-receivables-services	SCF-INV-012	Multiple relationships exists
obsfcfm-instruments-receivables-services	SCF-PO-039	Program Id cannot be Null.
obsfcfm-instruments-receivables-services	SCF-INV-046	Invoice/Tax/Discount amount mismatch at Invoice level or commodity level
obsfcfm-instruments-receivables-services	SCF-INV-050	Date format is invalid. Expected Format is yyyy-MM-dd
obsfcfm-instruments-receivables-services	SCF-ER-01	Internal Server Error.
obsfcfm-instruments-receivables-services	SCF-INV-053	Payment Due Date can not be derived and Invoice Due Date is null.
obsfcfm-instruments-receivables-services	SCF-INV-054	Acceptance Amount cannot be greater than Total Amount.
obsfcfm-instruments-receivables-services	SCF-INV-055	Acceptance Amount cannot be greater than Base Amount.
obsfcfm-instruments-receivables-services	SCF-NOTE-11	Note Commodities can be associated with Linked Invoices only.
obsfcfm-instruments-receivables-services	SCF-PO-044	PO modify cannot accept action Raised with pre-accepted flag Y.
obsfcfm-instruments-receivables-services	SCF-INV-059	Program only of category INV allowed
obsfcfm-instruments-receivables-services	SCF-PO-045	Program only of category PO allowed

obsfcm-report-services	PLATO-EVNT-001	Failed to update
obsfcm-report-services	PLATO-EVNT-002	Record already exists
obsfcm-charges-services	CMC-BRN-EOD08	EOFI job not completed, cannot initiate change date
obsfcm-charges-services	CMC-BRN-EOD09	EOD not invoked, cannot initiate mark TI
obsfcm-charges-services	CMC-BRN-EOD10	Date Change job not completed, cannot initiate TI for next day
obsfcm-charges-services	CMC-BRN-EOD11	Mark TI successful
obsfcm-charges-services	CMC-BRN-EOD12	Branch status not in TI, cannot initiate Mark EOFI
obsfcm-charges-services	CMC-BRN-EOD13	Branch status not in EOFI, cannot change Date
obsfcm-charges-services	CMC-BRN-EOD14	Branch status for next working date update to BOD
obsfcm-charges-services	CMC-ORCH-001	Failed to initiate.
obsfcm-charges-services	CMC-ORCH-002	Transaction is successfully initiated.
obsfcm-charges-services	CMC-ORCH-003	Invalid action, failed to initiate.
obsfcm-charges-services	CMC-ORCH-004	\$1 is not submitted, transaction remains the same.
obsfcm-charges-services	CMC-ORCH-005	Cannot proceed with submit as the action is not initiated.
obsfcm-charges-services	CMC-ORCH-006	Cannot proceed with submit as the information is incomplete.
obsfcm-charges-services	CMC-ORCH-007	Failed to submit.
obsfcm-charges-services	CMC-ORCH-008	Record successfully submitted.
obsfcm-charges-services	CMC-ORCH-009	\$1 is in-progress, failed to initiate.

obsfcm-charges-services	CMC-ORCH-010	Aw, snap! An unexpected exception occurred, try again.
obsfcm-charges-services	CMC-ORCH-011	Invalid request.
obsfcm-charges-services	CMC-ORCH-012	Cannot proceed with submit as the action is not initiated.
obsfcm-charges-services	CMC-ORCH-013	Cannot find the provided information.
obsfcm-charges-services	CMC-ORCH-014	Record is not yet submitted by \$1, cannot initiate the action.
obsfcm-charges-services	CMC-ORCH-015	Record already unlocked by \$1.
obsfcm-charges-services	CMC-VAM-001	Rolled Back Due to Exception
obsfcm-charges-services	CMC-OV-001	Override Codes must not be empty
obsfcm-charges-services	CMC-OV-002	Business Overrides Saved Successfully
obsfcm-charges-services	CMC-OV-003	Business Overrides Updated Successfully
obsfcm-charges-services	CMC-OV-004	Business Overrides Authorized Successfully
obsfcm-charges-services	CMC-OV-005	Business Overrides Approval Pending
obsfcm-charges-services	CMC-OV-006	Maker Cannot Authorize
obsfcm-charges-services	CMC-OV-007	Multiple Authorizations not allowed for checker
obsfcm-charges-services	CMC-OV-008	No Records found for approval
obsfcm-charges-services	CMC-OV-009	Maker should approve the records
obsfcm-charges-services	CMC-OV-010	Reference number is not valid
obsfcm-charges-services	CMC-OV-011	Exception Occurred while converting string to number

obsfcm-charges-services	CMC-OV-012	Server Error Occurred during API call
obsfcm-charges-services	CMC-OV-013	Client Error Occurred during API call
obsfcm-charges-services	CMC-OV-014	Illegal State Exception Occurred
obsfcm-charges-services	CMC-OV-015	JTA Transaction unexpectedly rolled back
obsfcm-charges-services	CMC-OV-016	Exception Occurred while creating Bean
obsfcm-charges-services	CMC-OV-017	Unexpected Exception Occurred
obsfcm-charges-services	CMC-OV-018	Exception Occurred while Executing Query
obsfcm-charges-services	GCS-VAL-001	The record is successfully validated.
obsfcm-charges-services	GCS-COM-009	Resource ID cannot be blank or "null".
obsfcm-charges-services	GCS-COM-010	Successfully cancelled \$1.
obsfcm-charges-services	GCS-COM-011	\$1 failed to update.
obsfcm-charges-services	GCS-MOD-007	Only the maker can modify the pending records.
obsfcm-charges-services	GCS-SAV-003	The record is saved and validated successfully.
obsfcm-charges-services	CC-BIC-010	Bic code is being used in branch maintenance. Close not allowed.
obsfcm-charges-services	CC-BIC02	The BIC code does not conform to SWIFT standards
obsfcm-charges-services	CC-BIC05	Record already maintained for the customer no
obsfcm-charges-services	CC-C00100	Relationship cannot be No for a Customer Linked BIC Code
obsfcm-charges-services	CC-TXN-001	\$1 is closed. Reopen not allowed.

obsfcfm-charges-services	GCS-AUTH-01	Record Successfully Authorized
obsfcfm-charges-services	GCS-AUTH-02	Valid modifications for approval were not sent. Failed to match
obsfcfm-charges-services	GCS-AUTH-03	Maker cannot authorize
obsfcfm-charges-services	GCS-AUTH-04	No Valid unauthroized modifications found for approval.
obsfcfm-charges-services	GCS-CLOS-002	Record Successfully Closed
obsfcfm-charges-services	GCS-CLOS-01	Record Already Closed
obsfcfm-charges-services	GCS-CLOS-02	Record Successfully Closed
obsfcfm-charges-services	GCS-CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization
obsfcfm-charges-services	GCS-COM-001	Record does not exist
obsfcfm-charges-services	GCS-COM-002	Invalid version sent, operation can be performed only on latest version
obsfcfm-charges-services	GCS-COM-003	Please Send Proper ModNo
obsfcfm-charges-services	GCS-COM-004	Please send makerId in the request
obsfcfm-charges-services	GCS-COM-005	Request is Null. Please Resend with Proper SELECT
obsfcfm-charges-services	GCS-COM-006	Unable to parse JSON
obsfcfm-charges-services	GCS-COM-007	Request Successfully Processed
obsfcfm-charges-services	GCS-COM-008	Modifications should be consecutive.
obsfcfm-charges-services	GCS-DEL-001	Record deleted successfully
obsfcfm-charges-services	GCS-DEL-002	Record(s) deleted successfully

obsfcm-charges-services	GCS-DEL-003	Modifications didnt match valid unauthorized modifications that can be deleted for this record
obsfcm-charges-services	GCS-DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.
obsfcm-charges-services	GCS-DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.
obsfcm-charges-services	GCS-DEL-006	No valid unauthroized modifications found for deleting
obsfcm-charges-services	GCS-DEL-007	Failed to delete. Only maker of the modification(s) can delete.
obsfcm-charges-services	GCS-MOD-001	Closed Record cannot be modified
obsfcm-charges-services	GCS-MOD-002	Record Successfully Modified
obsfcm-charges-services	GCS-MOD-003	Record marked for close, cannot modify.
obsfcm-charges-services	GCS-MOD-004	Only maker of the record can modify before once auth
obsfcm-charges-services	GCS-MOD-005	Not amendable field, cannot modify
obsfcm-charges-services	GCS-MOD-006	Natural Key cannot be modified
obsfcm-charges-services	GCS-REOP-003	Successfully Reopened
obsfcm-charges-services	GCS-REOP-01	Unauthorized Record cannot be Reopened
obsfcm-charges-services	GCS-REOP-02	Failed to Reopen the Record, cannot reopen Open records
obsfcm-charges-services	GCS-REOP-03	Successfully Reopened
obsfcm-charges-services	GCS-REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized
obsfcm-charges-services	GCS-SAV-001	Record already exists
obsfcm-charges-services	GCS-SAV-002	Record Saved Successfully.

obsfcm-charges-services	ST-SAVE-027	Request Successfully Processed
obsfcm-charges-services	CMC-BRN-EOD36	\$1. Hence EOFI Failed.
obsfcm-charges-services	CMC-LOV-012	Rate Type \$1 is invalid
obsfcm-charges-services	CMC-FORC-011	Invalid request. Duplicate requests for customer number \$1
obsfcm-charges-services	CMC-CCY-077	Currency Pair is not maintained
obsfcm-charges-services	CMC-CCY-078	Error in purging
obsfcm-charges-services	CMC-BRN-EOD21	Date changed failed
obsfcm-charges-services	CMC-BRN-100	Branch Status retrieved Successfully
obsfcm-charges-services	CMC-BRN-101	Branch doesnot exist
obsfcm-charges-services	CMC-CCY-001	Duplicate records exists in Amount word currency Mapping
obsfcm-charges-services	CMC-CCY-002	Duplicate records exists in Amount Text Mapping
obsfcm-charges-services	CMC-CCY-003	Cannot change Currency Decimal for once authorized currencies
obsfcm-charges-services	CMC-CCY-004	Cannot Change round unit if the round rule is Truncate (T)
obsfcm-charges-services	CMC-CCY-005	Mandatory field Interest Method is not entered
obsfcm-charges-services	CMC-CCY-006	Mandatory field Spot Days is not entered
obsfcm-charges-services	CMC-CCY-007	Mandatory field Settlement Days is not entered
obsfcm-charges-services	CMC-CCY-008	Mandatory field Country is not entered
obsfcm-charges-services	CMC-CCY-009	Mandatory field Rule is not entered

obsfcm-charges-services	CMC-CCY-010	Value should be in range of 0 and 999 for Settlement Days
obsfcm-charges-services	CMC-CCY-011	Mandatory field Unit is not entered
obsfcm-charges-services	CMC-CCY-012	Decimals/ Rounding Unit Mismatch
obsfcm-charges-services	CMC-CCY-013	Numerator of Interest Method is not Actual
obsfcm-charges-services	CMC-CCY-014	Duplicate Alternate Currency Code
obsfcm-charges-services	CMC-CCY-015	Duplicate ISO Numeric Currency Code
obsfcm-charges-services	CMC-CCY-016	Duplicate Euro currency
obsfcm-charges-services	CMC-CCY-017	Euro Conversion required cannot be changed for the currency types out, Euro and Euro closed
obsfcm-charges-services	CMC-CCY-018	Spot days is less than fx netting days
obsfcm-charges-services	CMC-CCY-019	Currency Cut Off days cannot be greater than spot days for currency
obsfcm-charges-services	CMC-CCY-020	Spot Days for currency cannot be lesser than cut off days for currency
obsfcm-charges-services	CMC-CCY-021	Value should be in range of 1 and 99 for Cut Off Days
obsfcm-charges-services	CMC-CCY-022	Value should be in range of 1 and 23 for Cut Off Hour
obsfcm-charges-services	CMC-CCY-023	Value should be in range of 1 and 59 for Cut Off Min
obsfcm-charges-services	CMC-CCY-024	Value cannot be less than .00000 for Currency Total limit
obsfcm-charges-services	CMC-CCY-025	Value should be in range of 0 and 3 for Currency Decimal
obsfcm-charges-services	CMC-CCY-026	Country Code is Mandatory
obsfcm-charges-services	CMC-CCY-027	Duplicate records exists in Currency Country Mapping

obsfcm-charges-services	CMC-CCY-028	Mandatory field Country is not entered in Currency Country Mapping
obsfcm-charges-services	CMC-CCY-029	Currency Code is NULL
obsfcm-charges-services	CMC-CCY-030	Date is NULL
obsfcm-charges-services	CMC-CCY-031	Date is Invalid (should be in yyyy-mm-dd format)
obsfcm-charges-services	CMC-CCY-032	No record found
obsfcm-charges-services	CMC-CCY-033	Next/Previous indicator is NULL (should be either N or P)
obsfcm-charges-services	CMC-CCY-034	Next/Previous indicator is Invalid (should be either N or P)
obsfcm-charges-services	CMC-CCY-035	Lower Limit Date is Invalid (should be in yyyy-mm-dd format)
obsfcm-charges-services	CMC-CCY-036	Upper Limit Date is Invalid (should be in yyyy-mm-dd format)
obsfcm-charges-services	CMC-CCY-037	Offset is NULL
obsfcm-charges-services	CMC-CCY-038	Offset is Invalid (should be > 0)
obsfcm-charges-services	CMC-CCY-039	Input date should be between Upper limit date and Lower limit date
obsfcm-charges-services	CMC-CCY-040	Duplicate records exists in Currency Holidays
obsfcm-charges-services	CMC-CCY-041	Mandatory Through Currency Code is not entered
obsfcm-charges-services	CMC-CCY-042	Cannot change spread definition option for through currency pair
obsfcm-charges-services	CMC-CCY-043	Through currency should be blank if the through currency is unchecked
obsfcm-charges-services	CMC-CCY-044	Through currency has to be of type Euro
obsfcm-charges-services	CMC-CCY-045	Through Currency is not allowed for Euro In Currency Pair

obsfcm-charges-services	CMC-CCY-046	Points multiplier should be in the range 0 - 1
obsfcm-charges-services	CMC-CCY-047	Midrate is invalid
obsfcm-charges-services	CMC-CCY-048	Buy Spread is invalid
obsfcm-charges-services	CMC-CCY-049	Sale Spread is invalid
obsfcm-charges-services	CMC-CCY-050	Atleast one Currency Rate Should be Maintained
obsfcm-charges-services	CMC-CCY-051	Duplicate records exists in Rate
obsfcm-charges-services	CMC-CCY-052	Currency Code is NULL
obsfcm-charges-services	CMC-CCY-053	Currency Code is Empty
obsfcm-charges-services	CMC-CCY-054	Amount is NULL
obsfcm-charges-services	CMC-CCY-055	Option is NULL
obsfcm-charges-services	CMC-CCY-056	Option is Empty
obsfcm-charges-services	CMC-CCY-057	Method is NULL
obsfcm-charges-services	CMC-CCY-058	Method is Empty
obsfcm-charges-services	CMC-CCY-059	Decimal is NULL
obsfcm-charges-services	CMC-CCY-060	Units is NULL
obsfcm-charges-services	CMC-CCY-061	Maintenance Country is NULL
obsfcm-charges-services	CMC-CCY-062	Maintenance Country is Empty
obsfcm-charges-services	CMC-CCY-063	Currency1/Currency2/branch Code is NULL

obsfcm-charges-services	ER02	Charge Price Description Cannot Be Modified.
obsfcm-charges-services	ER01	Record Already Exist.
obsfcm-charges-services	CC-ACC-002	Currency should be null for Multi-Currency Account
obsfcm-charges-services	CMC-BRN-EOD15	Branch status not in BOD, cannot mark TI
obsfcm-charges-services	CMC-BRN-EOD16	Branch status for next working date update to TI
obsfcm-charges-services	CMC-BRN-EOD17	Branch Status Changed to EOFI
obsfcm-charges-services	CMC-BRN-EOD18	Invoke Mark TI failed
obsfcm-charges-services	CMC-BRN-EOD19	Date change completed cannot retrigger
obsfcm-charges-services	CMC-BRN-EOD20	Mark TI completed cannot retrigger
obsfcm-charges-services	CMC-BRN-EOD30	Invalid requested date, failed to parse
obsfcm-charges-services	CMC-BRN-EOD31	Mark Eoti retry initiated
obsfcm-charges-services	CMC-BRN-EOD32	Cannot retry Mark EOFI which has not failed
obsfcm-charges-services	CC-HST-001	Active \$1 exist for the Host Code
obsfcm-charges-services	CMC-LOV-007	Invalid Limit Currency
obsfcm-charges-services	CMC-LOV-011	Invalid Version
obsfcm-charges-services	CC-CUS-167	Record already exist for customer no and source system customer no combination
obsfcm-charges-services	CC-CUS-169	Active account/accounts exist for the customer no
obsfcm-charges-services	CMC-CUS-FOR01	Record successfully deleted

obsfcm-charges-services	CMC-CUS-PII01	User doesnt have access to PII data, cannot perform create or modify operations
obsfcm-charges-services	CMC-FORC-001	Request is null, not valid.
obsfcm-charges-services	CMC-FORC-002	Forget customers request created successfully.
obsfcm-charges-services	CMC-FORC-003	Failed to create forget entities request.
obsfcm-charges-services	CMC-FORC-004	Invalid id sent, id null
obsfcm-charges-services	CMC-FORC-005	Already authorized
obsfcm-charges-services	CMC-FORC-006	Authorized successfully
obsfcm-charges-services	CMC-FORC-007	Record not found, invalid id.
obsfcm-charges-services	CMC-FORC-008	Cannot delete authorized record
obsfcm-charges-services	CMC-FORC-009	Record successfully deleted
obsfcm-charges-services	CMC-FORC-010	Invalid Customer \$1 added, customer should be valid and in closed and authorized state without pending maintenance
obsfcm-charges-services	ST-CUS-167	Record already exist for customer no and source system customer no combination
obsfcm-charges-services	CMC-LOV-002	Invalid Currency
obsfcm-charges-services	CMC-LOV-003	Cannot Close the record for which rates are maintained
obsfcm-charges-services	CMC-LOV-004	Invalid Language Code
obsfcm-charges-services	CMC-LOV-005	Invalid Country
obsfcm-charges-services	CMC-LOV-006	Invalid GLCode
obsfcm-charges-services	CMC-LOV-008	Invalid Year

obsfcm-charges-services	CMC-LOV-009	Invalid Month
obsfcm-charges-services	CMC-LOV-010	Amount Limit Exceeds
obsfcm-charges-services	CC-ECA-001	Active \$1 exist for the Source System
obsfcm-charges-services	CMC-LOV-001	Invalid Source Code
obsfcm-charges-services	CMC-CCY-065	Error in conversion
obsfcm-charges-services	CMC-CCY-066	Rate is not handled for currency1 and currency2
obsfcm-charges-services	CMC-CCY-067	Rate is not handled for currency2 and currency1
obsfcm-charges-services	CMC-CCY-068	Error in Amount rounding
obsfcm-charges-services	CMC-CCY-069	Currency definition is not maintained for given currency and maintenance country
obsfcm-charges-services	CMC-CCY-070	Error in getting branch currency and country
obsfcm-charges-services	CMC-CCY-071	Error in getting currency pair for currency1 and currency2
obsfcm-charges-services	CMC-CCY-072	Error in getting Premium points for currency1 and currency2
obsfcm-charges-services	CMC-CCY-073	Error in getting rate with through currency
obsfcm-charges-services	CMC-CCY-074	Error in getting Rate
obsfcm-charges-services	CMC-CCY-075	Rate History is not handled for currency1 and currency2
obsfcm-charges-services	CMC-CCY-076	Rate History is not handled for currency2 and currency1
obsfcm-charges-services	CMC-CCY-079	Data inadequate in currency Pair Definition
obsfcm-charges-services	CMC-BRN-EOD33	Date Changed successfully. \$1

obsfcm-charges-services	CMC-BRN-EOD34	BOD Batches completed successfully.
obsfcm-charges-services	CMC-BRN-EOD35	BOD Batches retrigged successfully. \$1
obsfcm-charges-services	CC-ACC-102	Record already exist for Source Branch and Source Account No combination
obsfcm-charges-services	CC-ACC-169	Reopen not allowed for a closed Customer No
obsfcm-charges-services	CC-EC-002	Record already exist for Account IBAN
obsfcm-charges-services	CC-MOD-001	\$1 cannot be modified
obsfcm-charges-services	CC-MOD-INV	\$1 is invalid
obsfcm-charges-services	CC-NUL-001	\$1 cannot be null
obsfcm-charges-services	CMC-ACC-FOR01	Cannot reopen forgotten account
obsfcm-charges-services	CMC-ACC-PII01	User doesnt have access to PII data, cannot perform create or modify operations
obsfcm-charges-services	CC-01015	Default BIC Is Checked For More Than One BIC
obsfcm-charges-services	CC-01016	Swift Address is Mandatory
obsfcm-charges-services	CC-01017	Default BIC Is Not Checked For any BIC
obsfcm-charges-services	ERR_CM_C ORR_UK1	Bank code and location code should be unique for corresponding bank location
obsfcm-charges-services	ERR_CM_C ORR_UK2	Location code and priority should be unique for corresponding bank location
obsfcm-charges-services	ERR_CM_O SNW_UK1	Bank code and location code should be unique for other network bank location
obsfcm-charges-services	ERR_CM_O SNW_UK2	Location code and priority should be unique for other network bank location
obsfcm-charges-services	ERR_CM_P R_UK1	Product code is already present for this branch

obsfcfc charges- services	CC-01018	Same Swift Address is present more than once
obsfcfc charges- services	CC-01019	Mismatch in bank code
obsfcfc charges- services	CC-BNK-001	Branch code is in Open status. Close not allowed.
obsfcfc charges- services	CC-BNK-002	Reopen not allowed for a closed Branch Code
obsfcfc charges- services	CC-BNK-003	Only one Bank Code is allowed.
obsfcfc charges- services	CC- BRN-101	Active account/accounts exist for the branch code. Close not allowed.
obsfcfc charges- services	CC- BRN-102	This is HO branch. Close not allowed.
obsfcfc charges- services	CC-CUS-17	Kindly Enter a Valid Walkin Customer
obsfcfc charges- services	CMC-BRN- CD01	Date changed successfully
obsfcfc charges- services	CMC-BRN- CD02	Failed to change date, holiday list not maintained properly
obsfcfc charges- services	CMC-BRN- EOD01	Branch Status not in TI, cannot initiate EOD
obsfcfc charges- services	CMC-BRN- EOD02	EOD invoked for the branch
obsfcfc charges- services	CMC-BRN- EOD03	Invalid Branch Code
obsfcfc charges- services	CMC-BRN- EOD04	Eod Requested on Date is not Branch's Today
obsfcfc charges- services	CMC-BRN- EOD05	EOD cannot be invoked on a holiday
obsfcfc charges- services	CMC-BRN- EOD06	Date changed successfully
obsfcfc charges- services	CMC-BRN- EOD07	EOD not invoked, cannot initiate change date
obsfcfc charges- services	CHG- SAV-002	No Charges Record To Save

obsfcm-charges-services	FIN-SAV-001	No Finance Record To Save
obsfcm-charges-services	CHG-SAV-001	No Charges Record To Save
obsfcm-charges-services	GCS-AUTH-05	Failed to Authorize the record
obsfcm-charges-services	GCS-CLOS-04	Failed to Close the record
obsfcm-charges-services	GCS-COM-012	Error saving child data segment, Master validation failed
obsfcm-charges-services	GCS-COM-013	Error saving the data segment
obsfcm-charges-services	GCS-COM-014	Error validating the data segment
obsfcm-charges-services	GCS-COM-015	Error submitting the data segment
obsfcm-charges-services	GCS-COM-016	Unexpected error occurred during runtime
obsfcm-charges-services	GCS-COM-017	Error deleting the extended data segment
obsfcm-charges-services	GCS-COM-018	Remove lock failed
obsfcm-charges-services	GCS-COM-019	Revert call to extended data segment failed
obsfcm-charges-services	GCS-COM-020	Revert call to subdomain data segment failed
obsfcm-charges-services	GCS-COM-021	Error deleting the subdomain data segment
obsfcm-charges-services	GCS-COM-022	Authorize call to extended data segment failed
obsfcm-charges-services	GCS-COM-023	Authorize call to subdomain data segment failed
obsfcm-charges-services	GCS-COM-025	Client error occurred during API call
obsfcm-charges-services	GCS-COM-026	Invalid data segment code

obsfcfm-charges-services	GCS-DEL-008	Failed to Delete the record
obsfcfm-charges-services	GCS-DEL-009	No valid prevalidated modifications found for deletion
obsfcfm-charges-services	GCS-MOD-008	Failed to Update the record
obsfcfm-charges-services	GCS-REOP-05	Failed to Reopen the record
obsfcfm-charges-services	GCS-REVT-01	Record reverted successfully
obsfcfm-charges-services	GCS-REVT-02	Failed to Revert the record
obsfcfm-charges-services	GCS-SAV-004	Failed to create the record
obsfcfm-charges-services	GCS-LOCK-01	Remove dirty lock failed
obsfcfm-charges-services	GCS-VAL-01	Field Validation Failed
obsfcfm-charges-services	ER01	Record Already Exist.
obsfcfm-charges-services	ER02	Charge Price Description Cannot Be Modified.
obsfcfm-manual-recon-services	SCFCM-ER-001	Internal Server Error.
obsfcfm-manual-recon-services	SCFCM-SAV-002	Success
obsfcfm-manual-recon-services	GCS-COM-009	Resource ID cannot be blank or "null".
obsfcfm-manual-recon-services	GCS-COM-010	Successfully cancelled \$1.
obsfcfm-manual-recon-services	GCS-COM-011	\$1 failed to update.

obscfcm- manual- recon- services	GCS- MOD-007	Only the maker can modify the pending records.
obscfcm- manual- recon- services	GCS- SAV-003	The record is saved and validated successfully.
obscfcm- manual- recon- services	GCS- VAL-001	The record is successfully validated.
obscfcm- manual- recon- services	GCS- AUTH-01	Record Successfully Authorized
obscfcm- manual- recon- services	GCS- AUTH-02	Valid modifications for approval were not sent. Failed to match
obscfcm- manual- recon- services	GCS- AUTH-03	Maker cannot authorize
obscfcm- manual- recon- services	GCS- AUTH-04	No Valid unauthroized modifications found for approval.
obscfcm- manual- recon- services	GCS- CLOS-002	Record Successfully Closed
obscfcm- manual- recon- services	GCS- CLOS-01	Record Already Closed
obscfcm- manual- recon- services	GCS- CLOS-02	Record Successfully Closed
obscfcm- manual- recon- services	GCS- CLOS-03	Unauthorized record cannot be closed, it can be deleted before first authorization
obscfcm- manual- recon- services	GCS- COM-001	Record does not exist
obscfcm- manual- recon- services	GCS- COM-002	Invalid version sent, operation can be performed only on latest version
obscfcm- manual- recon- services	GCS- COM-003	Please Send Proper ModNo

obsfcm-manual-recon-services	GCS-COM-004	Please send makerId in the request
obsfcm-manual-recon-services	GCS-COM-005	Request is Null. Please Resend with Proper SELECT
obsfcm-manual-recon-services	GCS-COM-006	Unable to parse JSON
obsfcm-manual-recon-services	GCS-COM-007	Request Successfully Processed
obsfcm-manual-recon-services	GCS-COM-008	Modifications should be consecutive.
obsfcm-manual-recon-services	GCS-DEL-001	Record deleted successfully
obsfcm-manual-recon-services	GCS-DEL-002	Record(s) deleted successfully
obsfcm-manual-recon-services	GCS-DEL-003	Modifications didnt match valid unauthorized modifications that can be deleted for this record
obsfcm-manual-recon-services	GCS-DEL-004	Send all unauthorized modifications to be deleted for record that is not authorized even once.
obsfcm-manual-recon-services	GCS-DEL-005	Only Maker of first version of record can delete modifications of record that is not once authorized.
obsfcm-manual-recon-services	GCS-DEL-006	No valid unauthroized modifications found for deleting
obsfcm-manual-recon-services	GCS-DEL-007	Failed to delete. Only maker of the modification(s) can delete.
obsfcm-manual-recon-services	GCS-MOD-001	Closed Record cannot be modified
obsfcm-manual-recon-services	GCS-MOD-002	Record Successfully Modified

obsfcm- manual- recon- services	GCS- MOD-003	Record marked for close, cannot modify.
obsfcm- manual- recon- services	GCS- MOD-004	Only maker of the record can modify before once auth
obsfcm- manual- recon- services	GCS- MOD-005	Not amendable field, cannot modify
obsfcm- manual- recon- services	GCS- MOD-006	Natural Key cannot be modified
obsfcm- manual- recon- services	GCS- REOP-003	Successfully Reopened
obsfcm- manual- recon- services	GCS- REOP-01	Unauthorized Record cannot be Reopened
obsfcm- manual- recon- services	GCS- REOP-02	Failed to Reopen the Record, cannot reopen Open records
obsfcm- manual- recon- services	GCS- REOP-03	Successfully Reopened
obsfcm- manual- recon- services	GCS- REOP-04	Unauthorized record cannot be reopened, record should be closed and authorized
obsfcm- manual- recon- services	GCS- SAV-001	Record already exists
obsfcm- manual- recon- services	GCS- SAV-002	Record Saved Successfully.
obsfcm- manual- recon- services	ST- SAVE-027	Request Successfully Processed
obsfcm- manual- recon- services	ER01	Rule Description cannot be null or empty
obsfcm- manual- recon- services	ER02	Recon Category cannot be null or empty

obsfcm-manual-recon-services	ER03	Recon Type cannot be null or empty
obsfcm-manual-recon-services	ER04	Filter Criteria should not be null or empty
obsfcm-manual-recon-services	ER05	Record already exists for given Filter Attribute
obsfcm-manual-recon-services	SCFCM_CS_ER06	Default record already exists
obsfcm-manual-recon-services	ER07	Record for this Party already exists
obsfcm-manual-recon-services	CMC-TXN-001	Transaction controller failure
obsfcm-manual-recon-services	CMC-ORCH-001	Failed to initiate.
obsfcm-manual-recon-services	CMC-ORCH-002	Transaction is successfully initiated.
obsfcm-manual-recon-services	CMC-ORCH-003	Invalid action, failed to initiate.
obsfcm-manual-recon-services	CMC-ORCH-004	\$1 is not submitted, transaction remains the same.
obsfcm-manual-recon-services	CMC-ORCH-005	Cannot proceed with submit as the action is not initiated.
obsfcm-manual-recon-services	CMC-ORCH-006	Cannot proceed with submit as the information is incomplete.
obsfcm-manual-recon-services	CMC-ORCH-007	Failed to submit.
obsfcm-manual-recon-services	CMC-ORCH-008	Record successfully submitted.

obsfcm-manual-recon-services	CMC-ORCH-009	\$1 is in-progress, failed to initiate.
obsfcm-manual-recon-services	CMC-ORCH-010	Aw, snap! An unexpected exception occurred, try again.
obsfcm-manual-recon-services	CMC-ORCH-011	Invalid request.
obsfcm-manual-recon-services	CMC-ORCH-012	Cannot proceed with submit as the action is not initiated.
obsfcm-manual-recon-services	CMC-ORCH-013	Cannot find the provided information.
obsfcm-manual-recon-services	CMC-ORCH-014	Record is not yet submitted by \$1, cannot initiate the action.
obsfcm-manual-recon-services	CMC-ORCH-015	Record already unlocked by \$1.
obsfcm-manual-recon-services	ER08	Base on Attribute cannot be null or empty
obsfcm-manual-recon-services	ER09	Generic Criteria cannot be null or empty
obsfcm-manual-recon-services	ER10	Recon Type cannot be null or empty
obsfcm-manual-recon-services	ER11	LHS Pattern should not be null or empty
obsfcm-manual-recon-services	ER12	RHS Pattern should not be null or empty
obsfcm-manual-recon-services	ER13	Match Criteria should not be null or empty
obsfcm-manual-recon-services	ER14	Recon Entity Attribute LHS should not be null or empty

obsfcfm-manual-recon-services	ER15	Recon Entity Attribute RHS should not be null or empty
obsfcfm-manual-recon-services	ER16	Recon Entity LHS should not be null or empty
obsfcfm-manual-recon-services	ER17	Recon Entity RHS should not be null or empty
obsfcfm-manual-recon-services	ER18	Priority should not be null or empty
obsfcfm-manual-recon-services	ER19	Rule Id should not be null or empty
obsfcfm-manual-recon-services	ER20	Execute Generic should not be null or empty
obsfcfm-manual-recon-services	ER21	Party Id should not be null or empty
obsfcfm-manual-recon-services	ER22	Base Entity should not be null or empty
obsfcfm-manual-recon-services	ER23	Rule Id cannot be duplicate for given rule Decisioning record
obsfcfm-manual-recon-services	ER24	Priority cannot be duplicate for given rule Decisioning record
obsfcfm-manual-recon-services	ER25	Atleast one rule should be linked
obsfcfm-manual-recon-services	ER26	For every generic rule one exact rule is required
obsfcfm-manual-recon-services	ER27	Generic rule already exists with these values
obsfcfm-manual-recon-services	ER28	Rule Description already exists for some other Rule Id

obsfcfcm- manual- recon- services	ER29	Rule Id does not exist
obsfcfcm- manual- recon- services	ER30	Invalid Party Id
obsfcfcm- manual- recon- services	ER31	Record does not exists
obsfcfcm- manual- recon- services	ER44	Invalid Invoice Reference Number passed
obsfcfcm- manual- recon- services	ER45	Invalid Payment Refernce Number passed
obsfcfcm- manual- recon- services	ER46	Invoice Outstanding Amount is zero
obsfcfcm- manual- recon- services	ER47	Reconciled Payment Amount is greater than Unreconciled Payment Amount
obsfcfcm- manual- recon- services	ER32	Corporate Id cannot be null
obsfcfcm- manual- recon- services	ER33	Buyer Id cannot be null
obsfcfcm- manual- recon- services	ER34	Buyer name cannot be null
obsfcfcm- manual- recon- services	ER35	Supplier Id cannot be null
obsfcfcm- manual- recon- services	ER36	Supplier name cannot be null
obsfcfcm- manual- recon- services	ER37	External System Refernce Number cannot be null
obsfcfcm- manual- recon- services	ER39	Payment currency cannot be null

obsfcm- manual- recon- services	ER40	Amount matched in invoice currency cannot be null
obsfcm- manual- recon- services	ER41	Invoice currency cannot be null
obsfcm- manual- recon- services	ER42	Invalid corporate/buyer/supplier Id
obsfcm- manual- recon- services	ER43	Corporate Id doesn't match with buyer Id or supplier Id
obsfcm- manual- recon- services	ER38	Amount matched in payment currency cannot be null
obsfcm- manual- recon- services	ER49	Invalid Expected Dr/Cr Reference Number
obsfcm- manual- recon- services	ER06	Default record already exists
obsfcm- manual- recon- services	ER54	Payment Reference Number cannot be null
obsfcm- manual- recon- services	ER55	Payment Amount cannot be null
obsfcm- manual- recon- services	ER56	At least one account needs to be allocated amount
obsfcm- manual- recon- services	ER57	Allocation Account Number cannot be null
obsfcm- manual- recon- services	ER58	Allocation Amount cannot be null
obsfcm- manual- recon- services	ER59	Cannot attach multiple generic rules for given recon category
obsfcm- manual- recon- services	ER60	Cannot modify rule as it is linked to another corporate.Please create a new rule.

obsfcm- manual- recon- services	SCF-ER-10	Workflow initiation failed
obsfcm- manual- recon- services	RL_DF_007	Date cannot be compared with other data type
obsfcm- manual- recon- services	RL_DF_008	Please provide the date in the format yyyy/mm/dd
obsfcm- manual- recon- services	SCF-ER-11	Invoice Transaction is already in Progress
obsfcm- manual- recon- services	SCF-ER-12	Payment Transaction is already in Progress
obsfcm- manual- recon- services	SCF-ER-13	Cashflow Transaction is already in Progress
obsfcm- manual- recon- services	SCF-ER-18	Failed while updating Invoice/Payments
obsfcm- manual- recon- services	SCF-ER-19	Failed while updating Cashflow
obsfcm- manual- recon- services	SCF-ER-16	Record state is not consistent for Cashflow
obsfcm- manual- recon- services	PLATO- EVNT-001	Failed to update
obsfcm- manual- recon- services	PLATO- EVNT-002	Record already exists
obsfcm- manual- recon- services	SCF-ER-21	Unable to reconcile as finance outstanding amount is greater than max finance eligible amount of outstanding invoice
obsfcm- manual- recon- services	RL_DF_009	Record with same Rule Description already present
obsfcm- manual- recon- services	RL_DF_010	All virtual accounts should belong to the same customer

obsfcm- manual- recon- services	RL_DF_001	Please provide indices for Text Between function
obsfcm- manual- recon- services	RL_DF_002	The indices should be number for Text Between function
obsfcm- manual- recon- services	RL_DF_003	The first index should be greater than second index for Text Between function
obsfcm- manual- recon- services	SCF-ER-14	Can not proceed with stale data.
obsfcm- manual- recon- services	SCF-ER-17	Failed while purging cashflow
obsfcm- manual- recon- services	ER50	Actual Cashflow Amount exceeds Total Cashflow Amount
obsfcm- manual- recon- services	ER51	Rule is in closed state
obsfcm- manual- recon- services	RL_DF_004	Text Between function is not applicable for Date
obsfcm- manual- recon- services	RL_DF_005	Starts with function is not applicable for Date
obsfcm- manual- recon- services	RL_DF_006	Ends with function is not applicable for Date
obsfcm- manual- recon- services	SCF-ER-15	Unable to acquire invoice involved in reconciliation
obsfcm- manual- recon- services	SCFCM_RC ON_ER49	Either Buyer Id or Supplier Id is mandatory
obsfcm- manual- recon- services	ER52	Invalid Account Number
obsfcm- manual- recon- services	ER61	Transaction cannot be processed

obsfcm-manual-recon-services	SCF-ER-20	Unable to acquire credit note involved in reconciliation
obsfcm-manual-recon-services	GCS-AUTH-05	Failed to Authorize the record
obsfcm-manual-recon-services	GCS-CLOS-04	Failed to Close the record
obsfcm-manual-recon-services	GCS-COM-012	Error saving child data segment, Master validation failed
obsfcm-manual-recon-services	GCS-COM-013	Error saving the data segment
obsfcm-manual-recon-services	GCS-COM-014	Error validating the data segment
obsfcm-manual-recon-services	GCS-COM-015	Error submitting the data segment
obsfcm-manual-recon-services	GCS-COM-016	Unexpected error occurred during runtime
obsfcm-manual-recon-services	GCS-COM-017	Error deleting the extended data segment
obsfcm-manual-recon-services	GCS-COM-018	Remove lock failed
obsfcm-manual-recon-services	GCS-COM-019	Revert call to extended data segment failed
obsfcm-manual-recon-services	GCS-COM-020	Revert call to subdomain data segment failed
obsfcm-manual-recon-services	GCS-COM-021	Error deleting the subdomain data segment
obsfcm-manual-recon-services	GCS-COM-022	Authorize call to extended data segment failed

obscfcm-manual-recon-services	GCS-COM-023	Authorize call to subdomain data segment failed
obscfcm-manual-recon-services	GCS-COM-025	Client error occurred during API call
obscfcm-manual-recon-services	GCS-COM-026	Invalid data segment code
obscfcm-manual-recon-services	GCS-DEL-008	Failed to Delete the record
obscfcm-manual-recon-services	GCS-DEL-009	No valid prevalidated modifications found for deletion
obscfcm-manual-recon-services	GCS-MOD-008	Failed to Update the record
obscfcm-manual-recon-services	GCS-REOP-05	Failed to Reopen the record
obscfcm-manual-recon-services	GCS-REVT-01	Record reverted successfully
obscfcm-manual-recon-services	GCS-REVT-02	Failed to Revert the record
obscfcm-manual-recon-services	GCS-SAV-004	Failed to create the record
obscfcm-manual-recon-services	GCS-LOCK-01	Remove dirty lock failed
obscfcm-manual-recon-services	GCS-VAL-01	Field Validation Failed
obscfcm-manual-recon-services	ER48	External Reference Number already exists
obscfcm-manual-recon-services	ER53	Expected Debit Credit Indicator cannot be null

obsfcfm- manual- recon- services	ER50	Actual Cashflow Amount exceeds Total Cashflow Amount
obsfcfm- manual- recon- services	ER51	Rule is in closed state
obsfcfm- manual- recon- services	RL_DF_007	Date cannot be compared with other data type
obsfcfm- manual- recon- services	ER01	Rule Description cannot be null or empty
obsfcfm- manual- recon- services	ER02	Recon Category cannot be null or empty
obsfcfm- manual- recon- services	ER03	Recon Type cannot be null or empty
obsfcfm- manual- recon- services	ER04	Filter Criteria should not be null or empty
obsfcfm- manual- recon- services	ER05	Record already exists for given Filter Attribute
obsfcfm- manual- recon- services	ER06	Default record already exists
obsfcfm- manual- recon- services	ER07	Record for this Party already exists
obsfcfm- manual- recon- services	ER08	Base on Attribute cannot be null or empty
obsfcfm- manual- recon- services	ER09	Generic Criteria cannot be null or empty
obsfcfm- manual- recon- services	ER10	Recon Type cannot be null or empty
obsfcfm- manual- recon- services	ER11	LHS Pattern should not be null or empty

obsfcfcm- manual- recon- services	ER12	RHS Pattern should not be null or empty
obsfcfcm- manual- recon- services	ER13	Match Criteria should not be null or empty
obsfcfcm- manual- recon- services	ER14	Recon Entity Attribute LHS should not be null or empty
obsfcfcm- manual- recon- services	ER15	Recon Entity Attribute RHS should not be null or empty
obsfcfcm- manual- recon- services	ER16	Recon Entity LHS should not be null or empty
obsfcfcm- manual- recon- services	ER17	Recon Entity RHS should not be null or empty
obsfcfcm- manual- recon- services	ER18	Priority should not be null or empty
obsfcfcm- manual- recon- services	ER19	Rule Id should not be null or empty
obsfcfcm- manual- recon- services	ER20	Execute Generic should not be null or empty
obsfcfcm- manual- recon- services	ER21	Party Id should not be null or empty
obsfcfcm- manual- recon- services	ER22	Base Entity should not be null or empty
obsfcfcm- manual- recon- services	ER23	Rule Id cannot be duplicate for given rule Decisioning record
obsfcfcm- manual- recon- services	ER24	Priority cannot be duplicate for given rule Decisioning record
obsfcfcm- manual- recon- services	ER25	Atleast one rule should be linked

obsfcm- manual- recon- services	ER26	For every generic rule one exact rule is required
obsfcm- manual- recon- services	ER27	Generic rule already exists with these values
obsfcm- manual- recon- services	ER28	Rule Description already exists for some other Rule Id
obsfcm- manual- recon- services	ER29	Rule Id does not exist
obsfcm- manual- recon- services	ER30	Invalid Party Id
obsfcm- manual- recon- services	ER32	Corporate Id cannot be null
obsfcm- manual- recon- services	ER33	Buyer Id cannot be null
obsfcm- manual- recon- services	ER34	Buyer name cannot be null
obsfcm- manual- recon- services	ER35	Supplier Id cannot be null
obsfcm- manual- recon- services	ER36	Supplier name cannot be null
obsfcm- manual- recon- services	ER37	External System Reference Number cannot be null
obsfcm- manual- recon- services	ER38	Amount matched in payment currency cannot be null
obsfcm- manual- recon- services	ER39	Payment currency cannot be null
obsfcm- manual- recon- services	ER40	Amount matched in invoice currency cannot be null

obsfcm- manual- recon- services	ER41	Invoice currency cannot be null
obsfcm- manual- recon- services	ER42	Invalid corporate/buyer/supplier Id
obsfcm- manual- recon- services	ER43	Corporate Id doesn't match with buyer Id or supplier Id
obsfcm- manual- recon- services	ER44	Invalid Invoice Reference Number passed
obsfcm- manual- recon- services	ER45	Invalid Payment Reference Number passed
obsfcm- manual- recon- services	ER46	Invoice Outstanding Amount is zero
obsfcm- manual- recon- services	ER47	Reconciled Payment Amount is greater than Unreconciled Payment Amount
obsfcm- manual- recon- services	ER48	External Reference Number already exists
obsfcm- manual- recon- services	RL_DF_001	Please provide indices for Text Between function
obsfcm- manual- recon- services	ER59	Cannot attach multiple generic rules for given recon category
obsfcm- manual- recon- services	ER60	Cannot modify rule attached to some other decisioning record also
obsfcm- manual- recon- services	RL_DF_002	The indices should be number for Text Between function
obsfcm- manual- recon- services	RL_DF_003	The first index should be greater than second index for Text Between function
obsfcm- manual- recon- services	RL_DF_004	Text Between function is not applicable for Date

obsfcm- manual- recon- services	RL_DF_005	Starts with function is not applicable for Date
obsfcm- manual- recon- services	RL_DF_006	Ends with function is not applicable for Date
obsfcm- manual- recon- services	RL_DF_008	Please provide the date in the format yyyy/mm/dd
obsfcm- manual- recon- services	ER31	Record does not exists.
obsfcm- manual- recon- services	RL_DF_009	Record with same Rule Description already present
obsfcm- manual- recon- services	ER49	Invalid Expected Dr/Cr Reference Number
obsfcm- manual- recon- services	RL_DF_010	All virtual accounts should belong to the same customer

6

Troubleshooting OutOfMemory Issues

This section consists of the following sub-sections:

- [Extracting Heapdump](#) (page 6-1)
- [JFR Tool in Java](#) (page 6-2)
- [Quick Recovery](#) (page 6-2)

6.1 Extracting Heapdump

If there is an error like GC Overhead limit exceeded or if an `OutOfMemoryException` is thrown while starting the services, the heap dump needs to be shared.

A heap dump is a snapshot of objects that are in memory in the JVM at a certain timestamp in a transaction. Heap dumps help to troubleshoot memory-leak problems and optimize memory usage in microservices. Heap dumps are usually stored in binary format hprof files.

The `HeapDumpOnOutOfMemoryError` command-line option that generates a heap dump when a `java.lang.OutOfMemoryError` is thrown can be used to generate heap dumps:

```
java -XX:+HeapDumpOnOutOfMemoryError -XX:HeapDumpPath=<file-or-dir-path>
```

Remote Heap Monitor setup: Alternatively, one can setup remote heap monitor to observe the memory leaks in the product. Perform the following steps:

1. To enable jmx, set the following environment variable to start jmx:

- a. `-Dcom.sun.management.jmxremote`
- b. `-Dcom.sun.management.jmxremote.port=8888`
- c. `-Dcom.sun.management.jmxremote.authenticate=false`
- d. `-Dcom.sun.management.jmxremote.ssl=false`

 **Note:**

If the above variable are set, a jmx service will start on specified port.

2. Setup JVisualVM as follows, to collect heap dumps:
 - a. Start JVisualVM.
 - b. Under "Remote" option, add a host.
 - c. Under new host, add new jmx connection.

 **Note:**

With this setup, the JAVA process can be monitored remotely.

6.2 JFR Tool in Java

Java Flight Recorder (JFR) is a tool for collecting diagnostic and profiling data about a running Java application. It is integrated into the Java Virtual Machine (JVM) and causes almost no performance overhead, so it can be used even in heavily loaded production environments.

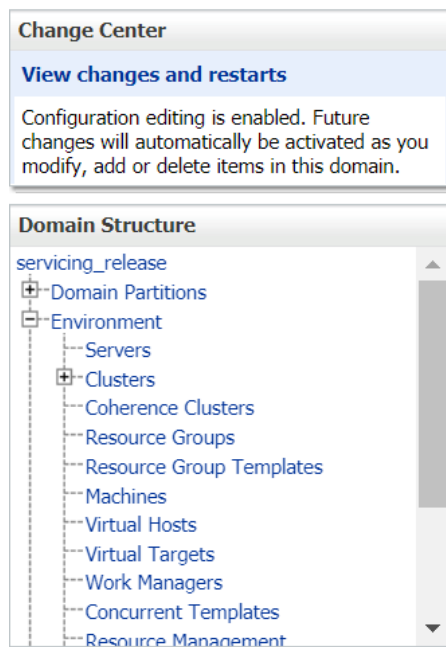
The below documentation provides steps to use JFRs to collect performance details and profiling data of services and can be used to report performance issues for OBMA services.

6.3 Quick Recovery

As a quick fix, try to restart the managed server or try to increase the memory allocated to the managed server. Perform the following steps to increase the memory:

1. Click **Servers**.

Figure 6-1 Domain Structure



2. Select the managed server from which you are getting `OutOfMemoryException` or `GC Overhead Limit exceeded`, and click **Server Start** tab.

Figure 6-2 Server Start



3. Specify the memory (which needs to be increased) according to requirement in 512, 1024, 2048 etc., and restart the managed server to fix the issue.

Figure 6-3 Memory Requirements



7

Troubleshooting Deployment Errors/Exceptions

7.1 Solutions for Errors/Exceptions that can occur due to flyway while deployment

The Error description is given below:

```
org.springframework.beans.factory.UnsatisfiedDependencyException:  
Error creating bean with name 'application': Unsatisfied dependency  
expressed through field 'flywayApplicationConfig'; nested exception is  
org.springframework.beans.factory.BeanCreationException: Error  
creating bean with name 'executeDomain' defined in class path resource  
[oracle/fsgbu/plato/flyway/FlywayConfig.class]: Bean instantiation via  
factory method failed; nested exception...SQL State : 42000
```

In the error, the bean-name can be any of the following:

- **executeDomain**
- **executePlato**
- **executePlatoSec**
- **executePlatoUI**
- **executeSms**
- **executeCmc**
- **executeMidofcmc**
- **executePlatofeed**
- **executePlatobatch**
- **executePlatoorch**

Solution:

1. At first for each case, it is to be checked that whether the service is pointing to the correct schema via the **plato-config-service**.
2. After checking that it is to be ensured that for that particular APPLICATION, the following entries are present in the PROPERTIES table in the plato schema.

BEAN	PROPERTY_SET NEED TO BE PRESENT
executeDomain	flyway.domain.db.*
executePlato	flyway.plato.db.*
executePlatoSec	flyway.platosec.db.*
executePlatoUI	flyway.platoui.db.*
executeSms	flyway.sms.db.*
executeCmc	flyway.cmc.db.*
executeMidofcmc	flyway.domain.db.*
executePlatofeed	flyway.platofeed.db.*
executePlatobatch	flyway.platobatch.db.*
executePlatoorch	flyway.platoorch.db.*

Depending on whether for the flyway db connection, JNDI name is being used or the JDBC URL and other details are used, each property set will look as follows:

Case 1: USING JDBC

```
flyway.domain.db.username  
flyway.domain.db.password  
flyway.domain.db.jdbcUrl  
flyway.domain.db.driver-class-name  
flyway.domain.schemas  
flyway.domain.locations  
flyway.domain.placeholderReplacement  
flyway.domain.ignoreMissingMigrations  
flyway.domain.outOfOrder
```

Case 2: USING JNDI

```
flyway.domain.db.jndi  
flyway.domain.schemas  
flyway.domain.locations  
flyway.domain.placeholderReplacement  
flyway.domain.ignoreMissingMigrations  
flyway.domain.outOfOrder  
flyway.jndi.datasource.enabled
```

Make sure that in each case all the placeholders need to be present whichever are available in the scripts in the respective locations.

Error Description:

```
No value provided for placeholder: ${eureka.host}. Check your configuration!
```

In the above example, the error has occurred due to the absence of passing the following parameter in the properties table:

flyway.domain.placeHolders.eureka.host

Solution:

Similar to this, any placeholder for which the error occurs, that needs to be passed to the environment via the properties table or the command line arguments (as -D parameters).

Index

B

Business Error Codes, [5-4](#)

E

Environment Variables, [2-3](#)
Extracting Heapdump, [6-1](#)

H

Health Checks, [4-1](#)

J

JFR Tool in Java, [6-2](#)

P

Possible Issues in Login and Screen Launch, [2-11](#)
Possible Issues While Deploying Services, [2-11](#)
Preliminary Checks from UI, [2-1](#)

Q

Quick Recovery, [6-2](#)

S

Screens are not launching after logging in, [2-13](#)

T

Troubleshooting Environmental Issues, [2-3](#)
Troubleshooting Functional Workflows, [5-1](#)
Troubleshooting Kafka Issues, [3-1](#)
Troubleshooting OutOfMemory Issues, [6-1](#)
Troubleshooting Technical Flows, [2-1](#)
Troubleshooting Deployment
Errors/Exceptions, [7-1](#)

U

Unable to login after launching the application, [2-12](#)
Unable to login after restarting the services, [2-12](#)

W

Where is the Problem, [2-1](#)