

# Oracle® Banking Payments

## Common Core - Performance Diagnostic Plugin (OLTP) User Guide



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# Preface

This topic contains the following sub-topics:

- [Purpose](#)
- [Audience](#)
- [Acronyms and Abbreviations](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)
- [Related Resources](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)
- [Basic Actions](#)
- [Symbols & Icons](#)

This guide has the following list of symbols and icons.

## Purpose

This user manual is designed to help you quickly get acquainted with the many functions routinely executed everyday in Oracle Banking Payments.

To access information specific to a particular field, place the cursor on the relevant field and press **F1** on the keyboard.

## Audience

**Table 1 Audience**

Role	Function
Back office clerk	Input functions for contracts
Back office managers/officers	Authorization functions
Product Managers	Product definition and authorization
End of Day operators	Processing during End of Day/Beginning of Day
Financial Controller/Product Managers	Generation of reports

## Acronyms and Abbreviations

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

**Table 2 Abbreviation**

Abbreviation	Description
POSTEOPD	Post End of Previous Day
MARKEOPD	Mark End of Previous Day
MARKTI	Mark Transaction Input
POSTEOBOD	Post End of Beginning of Day
MARKBOD	Mark Beginning of Day
MARKEOD	Mark End of Day
POSTEOED	Post End of End of Day
MARKEOFI	Mark End of Financial Input
POSTEOFI	Post End of Financial Input
MARKEOTI	Mark End of Transaction Input
POSTEOTI	Post End of Transaction Input
TI	Transaction Input
EOC	End of Cycle
BOD	Beginning of Day
EOD	End of Day
EOPD	End of Previous Day
FI	Financial Input
EOTI	End of Transaction Input

## Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

### Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and Bulletins](#). All critical patches should be applied in a timely manner to make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to

build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

## Related Resources

For more information on any related features, refer to the following documents:

- *Getting Started User Guide*
- *Oracle Banking Security Management System User Guide*
- *Oracle Banking Microservices Platform Foundation User Guide*
- *Routing Hub Configuration User Guide*
- *Oracle Banking Common Core User Guide*
- *Interest and Charges User Guide*
- *Oracle Banking Liquidity Management Configuration Guide*
- *Oracle Banking Liquidity Management File Upload User Guide*

## Screenshot Disclaimer

The personal information used in the interface or documents is sample data and does not exist in the real world. It is provided for reference purposes only.

## Acronyms and Abbreviations

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

**Table 3 Acronyms and Abbreviations**

Abbreviation	Description
DDA	Demand Deposit Accounts
ECA	External Credit Approval
EOD	End of Day

Table 3 (Cont.) Acronyms and Abbreviations

Abbreviation	Description
IBAN	International Bank Account Number

## Basic Actions

The basic actions performed in the screens are as follows:

Table 4 Basic Actions





Actions	Description
<b>Approve</b>	Click <b>Approve</b> to approve the initiated record. - This button is displayed once the user click <b>Authorize</b> .
<b>Audit</b>	Click <b>Audit</b> to view the maker details, checker details of the particular record. - This button is displayed only for the records that are already created.
<b>Authorize</b>	Click <b>Authorize</b> to authorize the record created. A maker of the screen is not allowed to authorize the same. Only a checker can authorize a record. - This button is displayed only for the already created records. For more information on the process, refer Authorization Process.
<b>Cancel</b>	Click <b>Cancel</b> to cancel the action performed.
<b>Close</b>	Click <b>Close</b> to close a record. This action is available only when a record is created.
<b>Collapse All</b>	Click <b>Collapse All</b> to hide the details in the sections. - This button is displayed once the user click <b>Compare</b> .
<b>Compare</b>	Click <b>Compare</b> to view the comparison through the field values of old record and the current record. - This button is displayed in the widget once the user click <b>Authorize</b> .
<b>Confirm</b>	Click <b>Confirm</b> to confirm the action performed.
<b>Expand All</b>	Click <b>Expand All</b> to expand and view all the details in the sections. - This button is displayed once the user click <b>Compare</b> .
<b>New</b>	Click <b>New</b> to add a new record. The system displays a new record to specify the required data. The fields marked with asterisk are mandatory. - This button is displayed only for the records that are already created.
<b>OK</b>	Click <b>OK</b> to confirm the details in the screen.
<b>Save</b>	Click <b>Save</b> to save the details entered or selected in the screen.
<b>Unlock</b>	Click <b>Unlock</b> to update the details of an existing record. The system displays an existing record in editable mode. - This button is displayed only for the records that are already created.
<b>View</b>	Click <b>View</b> to view the details in a particular modification stage. - This button is displayed in the widget once the user click <b>Authorize</b> .
<b>View Difference only</b>	Click <b>View Difference only</b> to view a comparison through the field element values of old record and the current record, which has undergone changes. - This button is displayed once the user click <b>Compare</b> .



# Symbols & Icons

This guide has the following list of symbols and icons.

**Table 5   Symbols and Icons - Common**

Icons	Function
<p><b>Figure 1   Exit</b></p> 	Exit
<p><b>Figure 2   Add Row</b></p> 	Add row
<p><b>Figure 3   Delete Row</b></p> 	Delete row
<p><b>Figure 4   Option List</b></p> 	Option List

# 1

## PDP Functionality

This topic describes the Performance Diagnostic Plugin tool and its functionality.

The Performance Diagnostic Plugin (PDP) is a tool to capture the performance lag reports like TKPROF and Hierarchical profiling (HPROF) along with capturing processing time for OLTP transactions in Oracle FLEXCUBE Universal Banking.

Existing methods of capturing these reports at a very high level causing difficulties in analyzing the precise point of issue and involves DBA's. The Performance Diagnostic Plugin helps to get the report precisely at the issue level that is action based reports for a user.

This topic has the following sub-topics:

- [PDP Maintenance](#)  
This topic provides the information on PDP maintenance to generate performance report.
- [Simulation](#)  
This topic describes the performance issue, issue results, process timings for easy analysis, and application logs.
- [Results](#)  
This topic provides the information results captured by the system.

### 1.1 PDP Maintenance

This topic provides the information on PDP maintenance to generate performance report.

The Performance Diagnostic Plug-in tool depends on the initial maintenance of the performance issue faced by the user to generate the performance bottleneck reports for analysis.

This topics contains the following sub-topics:

- [Process Performance Diagnostics Plugin Summary](#)  
This topic explains systematic instructions to process the Performance Diagnostics Plugin (OLTP) summary.

#### 1.1.1 Process Performance Diagnostics Plugin Summary

This topic explains systematic instructions to process the Performance Diagnostics Plugin (OLTP) summary.

1. On **Homescreen**, type **STSAPDP** in the text box, and click **Next**.  
The **Performance Diagnostic Plugin (OLTP) Summary** screen displays.

Figure 1-1 Performance Diagnostics Plugin (OLTP) Summary

Performance Diagnostic Plugin (OLTP) Summary

Search

Advanced Search

Reset

Clear All

Records per page15

Search (Case Sensitive)

Authorization Status

Function Id

Record Status

Action

User ID

Trace Value

Search Results

Lock Columns0

☐

Authorization Status

☐

Record Status

☐

User ID

☐

Function Id☐☐

No data to display.

Page1Of1&lt;&lt;1&gt;&gt;

Exit

2. On the **Performance Diagnostic Plugin (OLTP) Summary** screen, specify the fields.

**Note**

The fields, which are marked with an asterisk, are mandatory.

For more information on fields, refer to the field description table.

Table 1-1 Performance Diagnostic Plugin (OLTP) Summary - Field Description

Field	Description
Authorization Status	Select the authorization status from the drop-down list: <ul style="list-style-type: none"><li>Authorized</li><li>Unauthorized</li><li>Rejected</li></ul>
Record Status	Specify the record status from the drop-down list: <ul style="list-style-type: none"><li>Open</li><li>Closed</li></ul>
User ID	Click <b>Search</b> and select the <b>User ID</b> from the list of values displayed.
Action	Click <b>Search</b> and select the <b>Action</b> .
Function ID	Click <b>Search</b> and select the <b>Function ID</b> .
Trace Value	Specify the trace value from the drop-down list: <ul style="list-style-type: none"><li>Process Timing at Database Level</li><li>Process Timing at Application Level</li><li>Application Logs</li><li>ALL</li></ul>

3. Click **Search** after specifying the search parameters.
- The system identifies all records satisfying the specified criteria and displays the same.
4. Click **Exit** to end the transaction.

1.2 Simulation

This topic describes the performance issue, issue results, process timings for easy analysis, and application logs.

After the maintenance in STDAPPDP, a particular user facing the performance issue needs to simulate the case within the system to capture the required performance lag reports or process timings. The below sections, depict a sample performance issue faced by a user at both screen level as well as external transaction/gateway level.

This topic has the following sub-topics:

- [Performance Issue at Screen Level](#)  
This topic describes the performance issues faced at the screen level.

## 1.2.1 Performance Issue at Screen Level

This topic describes the performance issues faced at the screen level.

This topic contains the following sub-topics:

- [Problem Description](#)  
This topic describes the problem description.
- [Problem Simulation](#)  
This topic describes the problem simulation in performance issues faced at the screen level.
- [Results Captured](#)  
This topic describes the results captured in performance issues faced at the screen level.

### 1.2.1.1 Problem Description

This topic describes the problem description.

The user **TEST\_USER** is facing a problem during executing query operation in the **Customer Maintenance** screen. The query operation takes more time to display the record and the support team has asked the user to share the process timings at both the Database and Application level, TKPROF, and Application Log to analyze the same.

### 1.2.1.2 Problem Simulation

This topic describes the problem simulation in performance issues faced at the screen level.

1. To capture the performance lag reports along with process timing, the user needs to maintain these details in the system under the **Performance Diagnostic Plugin (OLTP) Maintenance** screen as specified under Maintain Performance Diagnostic Plugin.

**Table 1-2 Performance Diagnostic Plugin (OLTP) Maintenance - Example**

Field	Description
User ID	TEST_USER
Function ID	STDCIF
Action	EXECUTEQUERY

As per the requirement, the user needs to capture process timings, TKPROF and Application Log. The selected trace value would be **ALL** that is it is a combination of all the trace value options.

**Figure 1-2 Performance Diagnostic Plugin (OLTP) Maintenance**

2. Once the above maintenance is completed, the user must log in to the **Customer Maintenance** screen with user ID **TEST\_USER**, and query for a customer record. Click **Enter Query** and input the customer number. later, click **Execute Query**.
3. Due to the performance issue faced by the user, fetching of the customer details might takes few minutes. Once the details are displayed, the required performance lag reports are captured into their respective folders/tables as configured.

### 1.2.1.3 Results Captured

This topic describes the results captured in performance issues faced at the screen level.

- **Process Timings** - Captured process timings for the **Execute Query** operation are inserted into the table **GWTB\_DBTIME\_LOG** for both the Database and Application level as per the selection of the **Trace Value** in the maintenance screen. The below image shows the timing details captured for the entire operation of the **Execute Query**.

**Figure 1-3 Process Timings**

USERID	FUNCTION_ID	ACTION	CHANNEL	LAYER	START_TIMESTAMP	END_TIMESTAMP	TRN_INFO
TEST_USER	STDCIF	EXECUTEQUERY	UI	APP_TIMING	17-JUN-21 11.30.56.641000000 AM	17-JUN-21 11.30.57.553000000 AM	EXECUTEQUERY_SUCCESS
TEST_USER	STDCIF	EXECUTEQUERY	UI	Database Timings	17-JUN-21 11.30.56.768634000 AM	17-JUN-21 11.30.57.487362000 AM	EXECUTEQUERY_SUCCESS

- **Application Log** - Captured application logs are placed under application log directories. Refer to the **TEST\_USER\_STDCIF\_EXECUTEQUERY.log** file for more information.

## 1.3 Results

This topic provides the information results captured by the system.

Results captured by the system are subjected to the maintenance of Trace. All files/timings captured are placed under configured directories/tables.

This topic contains the following sub-topics:

- [Process Timings](#)  
This topic describes the process timings for easy analysis.
- [Application Logs](#)  
This topic describes application logs generated by the system.
- [TEST\\_USER\\_STDCIF\\_EXECUTEQUERY](#)  
This topic provides details of the file TEST\_USER\_STDCIF\_EXECUTEQUERY.

## 1.3.1 Process Timings

This topic describes the process timings for easy analysis.

The Performance Diagnostic Plugin facilitates the capture of process timings for easy analysis and the timings captured at both Database and Application/Infra level based on the selection of the Trace Value. All the process timings are captured under the table **GWTB\_DBTIME\_LOG**.

**Figure 1-4 GWTB\_DBTIME\_LOG Table**

KEYID	USERID	FUNCTION_ID	ACTION	CHANNEL	LAYER	START_TIMESTAMP	END_TIMESTAMP	TRN_INFO

For more information on fields, refer to field description table.

**Table 1-3 GWTB\_DBTIME\_LOG Table Description**

Field	Description
<b>User ID</b>	This column displays the <b>User ID</b> of the simulating user facing performance issues.
<b>Function ID</b>	This column displays the <b>Function ID</b> used during the simulation of the issue.
<b>Action</b>	This column displays the operation for which the performance issue is being faced.
<b>Channel</b>	This column displays the channel via which the operation is carried out. <ul style="list-style-type: none"> <li><b>UI</b> - Operation via Screen</li> <li><b>GW</b> - External System or Gateway</li> </ul>
<b>Layer</b>	This column displays the layer at which the transaction timings were captured. <ul style="list-style-type: none"> <li><b>Application Timings = Application layer</b></li> <li><b>Database Timings = Database Layer</b></li> </ul>
<b>Start Timestamp</b>	This column displays the start timing of the operation.
<b>End Timestamp</b>	This column displays the end timing of the operation.
<b>Transaction Info</b>	This column specifies if the process was successful or failure along with the operation being pre-fixed.

Capturing of process timings happens on a selection of the below trace:

- **Process Timing at Database Level**
- **Process Timing at Application Level**
- **All**

## 1.3.2 Application Logs

This topic describes application logs generated by the system.

Application logs are the Java-level debug files generated by the system to capture the code flow along with errors for analysis in the Java layer. These logs are similar to the existing application-level logs generated but consist only of operation-level details.

The Performance Diagnostic Plugin captures the application logs for the specific user, function ID and operation as specified during the maintenance. These logs are not dependent on enabling/disabling at the **CSTB\_DEBUG\_USERS** table but are generated automatically on the selection of specific trace values during the maintenance of that operation.

These logs are generated under a specific directory configured during the initial setup which is **APPLICATION\_WORK\_AREA** specified under the **fcubs.properties** file. Generated logs follow a standard naming convention <USERID>\_<FUNCTIONID>\_<ACTION>.log

The generation of Application logs happens on the selection of the below trace values:

- **Application Logs**
- **ALL**

For the sample of the Application Log, refer to the **TEST\_USER\_STDCIF\_EXECUTEQUERY.log** file.

## 1.3.3 TEST\_USER\_STDCIF\_EXECUTEQUERY

This topic provides details of the file TEST\_USER\_STDCIF\_EXECUTEQUERY.

```
[20210621 12:52:39 718]FCClientHandler.doPost-->User Debug true - pdpDbg_chk
true
[20210621 12:52:39 718]FCClientHandler.doPost-->Processing FCJ screen
[20210621 12:52:39 718]FCClientHandler.doPost-->contentLength=776
[20210621 12:52:39 718]FCClientHandler.doPost:param_operation-->Validating
the CSRF token
[20210621 12:52:39 718]FCClientHandler.doPost-->msgType=null
[20210621 12:52:39 719]FCClientHandler.doPost-->Validating request xml with
validateJavascript
[20210621 12:52:39 720]FCClientHandler.doPost-->userID=TEST_USER
[20210621 12:52:39 720]FCClientHandler.doPost-->FunctionId=STDCIF
[20210621 12:52:39 720]FCClientHandler.doPost-->Operation=EXECUTEQUERY
[20210621 12:52:39 720]FCClientHandler.doPost:param_operation--
>PARAM_OPERATIONnull
[20210621 12:52:39 720]FCClientHandler.doPost-->DbUpload=FALSE
[20210621 12:52:39 720]FCClientHandler.doPost-->dmsRefNo=null
[20210621 12:52:39 721]FCClientHandler.Trace Value fetched from
SMTB_USER_FUNCTION_TRACE
[20210621 12:52:39 721]FCClientHandler.doPost-->PDP check - Time capture
started
[20210621 12:52:39 721]FCClientHandler.doPost-->PDP check - Debug capture
started
[20210621 12:52:39 721]BranchLogger.renameDebugFile-->Log File rename
successfull - TEST_USER_2021-06-21_12-52-39
[20210621 12:52:39 721]FCClientHandler.doPost-->refreshing the request XML
header with session variables.
```

```

[20210621 12:52:39 725]FCClientHandler.doPost-->calling callHostServerNew
[20210621 12:52:39 725]FCClientHandler.doPost-->calling callHostServerNew for
New or Modify or ExecuteQuery
[20210621 12:52:39 725]ToHostDispatcher.callHostServer-->calling
callHostServer
[20210621 12:52:39 725]CentralizedCall.CentralizedCall-->calling host upload
servlet in centralized mode...
[20210621 12:52:39 725]CentralizedCall.CentralizedCall.callHostServer--
>oprationCode=EXECUTEQUERY
[20210621 12:52:39 726]HostUpload.processMsg-->***** APPSERVER LOG START *****
[20210621 12:52:39 726]HostUpload.processMsg-->getting FCUserGlobals from
FCApplicationGlobals.getFCUserGlobals
[20210621 12:52:39 726]HostUpload.processLaunchScreen-->Calling isLoginValid
[20210621 12:52:39 726]FCJSMSBean.isLoginValid-->userId = TEST_USER
branchCode = 000
[20210621 12:52:39 726]SMSOracleDAO.getUserLogStatus-->userId = TEST_USER
[20210621 12:52:39 726]SMSOracleDAO.getUserLogStatus-->signOnSerial = 38996
[20210621 12:52:39 727]SMSOracleDAO.getUserLogStatus-->loginCount = 1
[20210621 12:52:39 727]HostUpload.processLaunchScreen-->txnBranch=000
[20210621 12:52:39 727]HostUpload.processMsg-->Creating FCControllerSMS
[20210621 12:52:39 727]HostUpload.processMsg-->Creating
FCControllerSMS.handleRequest
[20210621 12:52:39 727]FCControllerMaint.handleRequest-->just Entered
[20210621 12:52:39 727]FCControllerMain.handleRequest-->checking
smsActionAccess in smsLocal
[20210621 12:52:39 727]FCControllerMain.handleRequest-->bActionAccess=true
[20210621 12:52:39 727]FCControllerMain.handleRequest-->calling
fcController.handleRequest -- NEWROUTE
[20210621 12:52:39 727]FCController.handleRequest-->calling parseRequest
[20210621 12:52:39 727]FCHandlerMaintenance.execute-->creating fcjebb and
miscjbb
[20210621 12:52:39 727]FCHandlerMaintenance.execute-->calling StaxParseUtility
[20210621 12:52:39 728]FCHandlerMaintenance.processMsgUBS-->just Entered
[20210621 12:52:39 728]FCHandlerMaintenance.processMsgUBS-->calling
preProcessMessage
[20210621 12:52:39 728]FCHandlerMaintenance.preProcessMsg-->Inside
preProcessMsg
[20210621 12:52:39 728]XmlAttachmentsParser.getUserName--> just Entered
[20210621 12:52:39 728]FCHandlerMaintenance.processMsgUBS-->calling
processBasedonRoutingType
[20210621 12:52:39 728]FCHandlerMaintenance.processBasedonRoutingType--
>Inside processBasedonRoutingType
[20210621 12:52:39 729]FCHandlerMaintenance.processBasedonRoutingType--
>Tanking is not Enabled,calling processJavaSrcRouter
[20210621 12:52:39 729]FCHandlerMaintenance.processJavaSrcRouter-->Calling
gwpsksServiceRouter.processReqMsg
[20210621 12:52:39 729]GwpsksServiceRouter.ProcessReqMsg()-->Just Entered..
[20210621 12:52:39 729]FCUtilityBean.getReleaseSmtbParameters()--
>Query=select /*+ result_cache */ nvl(release_type,'CUSTOM') from
smtb_parameters
[20210621 12:52:39 730]CspksReqGlobal().MsgInit()-->ReleaseType=CUSTOM
[20210621 12:52:39 730]GwpsksServiceRouter.ProcessReqMsg()-->Calling
PrInitHeader()..
[20210621 12:52:39 730]GwpsksServiceRouterMain.PrInitHeader()-->Initializing
Headers..
[20210621 12:52:39 730]GwpsksServiceRouterMain.extractAddlTag()-->JustEntered..

```



```

[20210621 12:52:39 730]GwpksServiceRouterMain.extractAddlTag()-->Executes
When Source="FLEXBRANCH"
[20210621 12:52:39 730]GwpksServiceRouterMain.extractAddlTag()-->return
success from fn_extract_addl_tag()
[20210621 12:52:39 730]GwpksServiceRouterMain.extractAddlTag()-->Returning
from Extract_Addl_Tag..
[20210621 12:52:39 730]GwpksServiceRouter.ProcessReqMsg()-->Calling
populateMsgID()..
[20210621 12:52:39 730]FCUtilityBean.getPopulateMsgId()-->Query : SELECT
fcj_incoming.NEXTVAL from dual
[20210621 12:52:39 732]GwpksServiceRouterMain.populateMsgID()-->Message
ID=6121172000076994
[20210621 12:52:39 732]GwpksServiceRouter.ProcessReqMsg()-->Calling
dedupeLogMsg()..
[20210621 12:52:39 732]GwpksServiceRouter.ProcessReqMsg()-->Calling
enrichHeader()..
[20210621 12:52:39 732]GwpksServiceRouterMain.enrichHeader()-->Just Entered..
[20210621 12:52:39 732]GwpksServiceRouterMain.enrichHeader()-->Processing for
Functionid and Action..
[20210621 12:52:39 732]GwpksServiceRouterMain.enrichHeader()-->Calling
getRoutingTypeSmtbsMenu
[20210621 12:52:39 732]FCUtilityBean.getRoutingTypeSmtbsMenu()--
>Query=SELECT /*+ result_cache */ nvl(routing_type, 'O'),nvl(logging_reqd,
'N'),type_string, nvl(Tank_modifications,'N') from smtbs_menu WHERE
function_id= ?
[20210621 12:52:39 733]GwpksServiceRouterMain.enrichHeader()-->lRoutingType=X
[20210621 12:52:39 733]GwpksServiceRouterMain.enrichHeader()-->lRoutingType=X
[20210621 12:52:39 733]GwpksServiceRouterMain.enrichHeader()-->ENTERED
[20210621 12:52:39 733]GwpksServiceRouter.ProcessReqMsg()-->setting the
enriched header into reqGlobal
[20210621 12:52:39 733]GwpksServiceRouter.ProcessReqMsg()--
>STDCIF,EXECUTEQUERY
[20210621 12:52:39 733]GwpksServiceRouter.ProcessReqMsg()-->Calling
processRequests()..
[20210621 12:52:39 733]GwpksServiceRouter.processRequests()-->calling
ProcessRequest()
[20210621 12:52:39 733]GwpksServiceRouter.ProcessRequest()-->The Operation/
Action isnull/EXECUTEQUERY
[20210621 12:52:39 733]GwpksServiceRouter.ProcessRequest()-->Calling
cspksReqHandler.processMsg()..
[20210621 12:52:39 733]CspksReqHandler.processMsg()-->Preparing ~ seperated
Header nodes and Values..
[20210621 12:52:39 733]CspksReqHandler.processMsg()-->25956930 :: l_msg_id ::
[20210621 12:52:39 733]CspksReqHandler.processMsg()-->FCUBS_MSG_ID ::
6121172000076994
[20210621 12:52:39 733]CspksReqHandler.processMsg()-->25956930 :: inside
if ::
[20210621 12:52:39 733]CspksReqHandler.processMsg()-->headerNames--
>SOURCE~USERID~BRANCH~SERVICE~OPERATION~MULTITRIPID~FUNCTIONID~ACTION~MSGSTAT~
MODULEID~MSGID~DEBUG_MODE~PKVALS~SOURCE_OPERATION~MSG_XCHANGE_PATTERN~MFA_AUTH
ENTICATED~MAKERREMARKS~CHECKERREMARKS~SNAPSHOTID~CORRELID~CORRELATION_PATTERN~
EXT_TRIP_ID~
[20210621 12:52:39 733]CspksReqHandler.processMsg()-->headerValues--
>FLEXCUBE~TEST_USER~000~~~6121172000076994~STDCIF~EXECUTEQUERY~~ST~61211720000
76994~N~~~IOFS~N~~~~~
[20210621 12:52:39 733]CspksReqHandler.processMsg()-->calling

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cspksXmlParser.fcdataParser()
[20210621 12:52:39 733]CspksXmlParser.fcDataParser()-->JustEntered..
[20210621 12:52:39 733]CspksReqHandler.processMsg()-->calling
cspksReqWrapper.processmsg()
[20210621 12:52:39 733]CspksReqWrapper.processmsg()-->Just Entered..
[20210621 12:52:39 734]CspksReqWrapper.execFun()-->Just Entered..
[20210621 12:52:39 734]CspksReqWrapper.execFun()-->tagNames=null
[20210621 12:52:39 734]CspksReqWrapper.execFun()--
>tagValues=N~000022~I~~~~~000~~~~~
~~~~~N~~~~~N~~~~~N~~~~~
~~~~~
[20210621 12:52:39 734]CspksReqWrapper.execFun()-->parentsList=BLK_CUSTOMER
[20210621 12:52:39 734]CspksReqWrapper.execFun()-->Calling processDBMain
[20210621 12:52:39 734]CspksReqWrapper.execFun()-->request passing to
dbmain..<?xml version="1.0" encoding="UTF-8"?
><FCUBS_REQ_ENV><FCUBS_HEADER><SOURCE>FLEXCUBE</SOURCE><UBSCOMP>FCUBS</
UBSCOMP><USERID>TEST_USER</USERID><BRANCH>000</BRANCH><SERVICE></OPERATION/
><MULTITRIPID></FUNCTIONID>STDCIF</FUNCTIONID><ACTION>EXECUTEQUERY</
ACTION><MSGSTAT></MODULEID>ST</MODULEID><MSGID></DEBUG_MODE>N</
DEBUG_MODE><ENTITY>ENTITY_ID1</ENTITY><MAKERREMARKS></MAKEROVDREMARKS/
><CHECKERREMARKS></SNAPSHOTID></PKVALS>000022~000</
PKVALS><PKFIELDS>BLK_CUSTOMER_CUSTNO~BLK_CUSTOMER_LBRN</
PKFIELDS><SQNO>38997</SQNO></FCUBS_HEADER><FCUBS_BODY><REC
TYPE="BLK_CUSTOMER" RECID="1"><FV><!
[CDATA[N~000022~I~~~~~000~~~~~
~~~~~N~~~~~N~~~~~N~~~~~
~]]></FV></REC><MISC><REMARKS></MISC></FCUBS_BODY></FCUBS_REQ_ENV>
[20210621 12:52:39 734]FCMainProcEJBBean.execFun()-->Just Entered..
[20210621 12:52:39 734]FCMainProcEJBBean.execFun()-->processDBMain-->calling
GWPKS_RESET_PKG.PR_RESET_PKG()***
[20210621 12:52:39 735]FCMainProcEJBBean.execFun()-->Setting Auto Commit to
False..
[20210621 12:52:39 735]FCMainProcEJBBean.execFun()-->OracleConnection before
wrap:null
[20210621 12:52:39 735]FCMainProcEJBBean.execFun()-->OracleConnection in
if:weblogic.jdbc.wrapper.PoolConnection_oracle_jdbc_driver_T4CConnection@18743
ab
[20210621 12:52:39 736]FCMainProcEJBBean.execFun()--
>l_storedProcedureName=cspks_req_global_wrapper.Pr_Process_RequestJ***
[20210621 12:52:39 737]FCMainProcEJBBean.execFun()-->gatewayType::
[20210621 12:52:39 737]FCMainProcEJBBean.execFun()-->DB_TIMEOUT::0
[20210621 12:52:40 374]FCMainProcEJBBean.execFun()-->Executed Sucessfully
[20210621 12:52:40 375]FCMainProcEJBBean.execFun()-->EXT Call Required:null
[20210621 12:52:40 375]FCMainProcEJBBean.execFun()-->Calling Commit
[20210621 12:52:40 377]FCMainProcEJBBean.execFun()-->Commit is done
[20210621 12:52:40 377]FCMainProcEJBBean.execFun()-->Sucesfully returned from
Main Package
[20210621 12:52:40 377]FCMainProcEJBBean.execFun()-->Setting SetAutoCommit
true
[20210621 12:52:40 377]FCMainProcEJBBean.execFun()-->Setting of SetAutoCommit
done
[20210621 12:52:40 377]CspksReqHandler.processMsg()-->ADDLINFO
NAMES=KEY_ID>TANKED_DATA, ADDLINFO VALUES=~STTM_CUSTOMER~000022~>FALSE
[20210621 12:52:40 377]CspksCreator.create()-->In Create
[20210621 12:52:40 377]CspksCreator.create()-->Calling in CreateFcXml()..
[20210621 12:52:40 377]CspksCreator.createFcXml()-->Just Entered..

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[20210621 12:52:40 377]CspksCreator.buildHeader()-->PSTATUS :S
[20210621 12:52:40 377]CspksCreator.buildHeader()-->Just Entered..
[20210621 12:52:40 377]CspksCreator.buildHeader()-->25956930 :: l_msgId :
[20210621 12:52:40 377]CspksCreator.buildHeader()-->FCUBS_MSG_ID :
6121172000076994
[20210621 12:52:40 377]CspksCreator.buildHeader()-->CORRELATION_PATTERN:
[20210621 12:52:40 377]CspksCreator.buildHeader()-->CORRELID 1:
[20210621 12:52:40 377]CspksCreator.buildHeader()-->CORRELID 2:*
[20210621 12:52:40 377]CspksCreator.buildHeader()-->pstatus ->S, Fcdata req :Y
[20210621 12:52:40 377]CspksCreator.buildErrorNodes()-->Just Entered..
[20210621 12:52:40 377]CspksReqHandler.processMsg()-->calling
cspksReqUtils.populateAuditLog()
[20210621 12:52:40 377]CspksReqHandler.processMsg()-->calling
cspksReqUtils.updateOvdRemarks()
[20210621 12:52:40 377]CspksReqUtils.updateOvdRemarks()-->Just
Entered6121172000076994/1/EXECUTEQUERY
[20210621 12:52:40 378]CspksReqUtils.updateOvdRemarks()-->Maker/Checkler
Remarks :/
[20210621 12:52:40 378]CspksReqUtils.updateOvdRemarks()-->calling
cspksReqWrapperDao.updateRemarksCstbRequestOvdMaster
[20210621 12:52:40 378]FCUtilityBean.updateRemarksCstbRequestOvdMaster()--
>Query : Update Cstb_Request_Ovd_Master set Maker_Remarks = Nvl(?,
Maker_Remarks),Checker_Remarks = Nvl(?, Checker_Remarks) where Msg_Id = ? AND
Req_Seq_No = ?
[20210621 12:52:40 378]CspksReqUtils.updateOvdRemarks()-->Maker and Checker
remarks Updated
[20210621 12:52:40 378]CspksReqUtils.updateOvdRemarks()-->Returning Success
in updateOvdRemarks>>>>
[20210621 12:52:40 378]GwpksServiceRouter.ProcessReqMsg()-->Calling
logMessage()..
[20210621 12:52:40 379]FCUtilityBean.insertCstbsMsgLog()-->Query=insert into
cstbs_msg_log(msg_id,source_code,msg_type,request,
response,fc_response,status) values(?, ?, ?, ?, ?,?,?)
[20210621 12:52:40 383]GwpksServiceRouterMain.logMessage()-->Inserted CSPKS
Req and CSPKS Res
[20210621 12:52:40 383]GwpksServiceRouter.ProcessReqMsg()-->Calling
dedupeLogMsg()..
[20210621 12:52:40 383]FCHandlerMaintenance.processMsgUBS-->calling
postProcessMessage
[20210621 12:52:40 383]FCHandlerMaintenance.inside postProcessMsg
[20210621 12:52:40 383]FCHandlerMaintenance.processMsgUBS-->processing for
function=STDCIF
[20210621 12:52:40 383]FCHandlerMaintenance.processMsgUBS-->getting response
SUCCESS
[20210621 12:52:40 383]FCHandlerMaintenance.processMsgUBS-->calling
fcCtx.destroyContext
[20210621 12:52:40 383]FCJMSCEJBBean.getSMSDAO-->Creating connection
[20210621 12:52:40 383]FCJMSCEJBBean.getSMSDAO--> connection created
[20210621 12:52:40 383]SMSOracleDAO.getActionOnSequence-->select
SMSQS_SMS_ACTION_LOG.nextval from dual
[20210621 12:52:40 384]HostUpload.appendDebugs-->Calling insertActionLog
[20210621 12:52:40 384]FCJMSCEJBBean.getSMSDAO-->Creating connection
[20210621 12:52:40 384]FCJMSCEJBBean.getSMSDAO--> connection created
[20210621 12:52:40 384]FCJMSCEJBBean.insertActionLog-->sequence=169330
[20210621 12:52:40 384]FCJMSCEJBBean.insertActionLog-->msgStatus= SUCCESS
[20210621 12:52:40 384]FCJMSCEJBBean.insertActionLog-->Calling

```

```
insertSmtbActionLog
[20210621 12:52:40 384]SMSOracleDAO.insertSmtbActionLog-->Query=insert into
SMTB_SMS_ACTION_LOG (SEQUENCE_NO, ACTION_SEQUENCE_NO,ACTION, EXITFLAG,
DESCRIPTION,PKVALS, CURR_BRANCH, HOME_BRANCH, TXN_BRANCH,
REQ_TIME,OBIEE_STATUS,USER_ID,LOGIN_SEQUENCE_NO,MODULE_CODE,REQ_XML,RESP_XML)
values(?,?, ?, ?, ?,?,?,?,?,,?,,?,,?)
[20210621 12:52:40 388]FCClientHandler.doPost-->Checking respXML
[20210621 12:52:40 388]FCClientHandler.doPost-->calling updateToRES_FCUBS
[20210621 12:52:40 392]FCClientHandler.doPost-->PDP check - Time Captured
Successfully
[20210621 12:52:40 392]FCClientHandler.doPost-->PDP check - Logs Captured
Successfully
```

# 2

## Error Code and Messages

This topic describes a list of error codes and their messages.

**Table 2-1 Error Codes**

Function ID	Error Code	Message
STDAPPDP	ST-PDP-001	Invalid Trace Value

# 3

## Frequently Asked Questions

This topic provides a list of frequently asked questions.

**Table 3-1 FAQs**

Questions	Answers
What is the <b>SMTB_USER_FUNCTION_TRACE</b> table? and How are values inserted into the <b>SMTB_USER_FUNCTION_TRACE</b> table?	The <b>SMTB_USER_FUNCTION_TRACE</b> table is a data store for capturing the function IDs related to maintenance for the Performance Diagnostic Plugin functionality which stores <b>Function ID</b> , <b>Action</b> , <b>User ID</b> , and <b>Trace Value</b> . Based on these parameters, <b>Time Lag Report</b> is generated. The data can be captured using the newly designed function ID <b>STDAPPDP</b> .
What is the use of the <b>CSTB_PARAM</b> flag? and When will the <b>CSTB_PARAM</b> be set to <b>Y</b> (Enabled)?	The <b>CSTB_PARAM</b> table have a Performance Diagnostic Plugin (PDP) specific flag called <b>TIME_LOG</b> , which is used to enable or disable the functionality of PDP (that is capturing of any performance lag reports or process timings or even specific application log) in the system. By default, the value is set as <b>N</b> . Currently, the Performance Diagnostic Plugin works for OLTP processes only.
What is the mechanism used to obtain the Application Log?	Existing Infra level functionality is used to capture the application log by retaining any existing logs related to the user and capturing a new log based on a specific naming convention ( <b>&lt;USERID&gt;_&lt;FUNCTIONID&gt;_&lt;ACTION&gt;.log</b> ) for a particular operation specified during maintenance. Application logs are enabled/disabled automatically at the infra level and generated application log will be written on the server as a file.
Is trace value <b>ALL</b> a combination of other trace values? and If yes, can this combination be achieved by inserting multiple records with the required trace values?	Yes, trace value <b>ALL</b> is a combination of other trace values specified like the capture of process timings, and application log to be obtained in one go. The code is designed to pick only one trace value for a combination of <b>User ID</b> , <b>Function ID</b> , and <b>Action</b> , due to which multiple record maintenance is not allowed. These trace values help to keep the table clean and away from confusion for the Bank IT team during maintenance.
Is this PDP functionality specific to any product?	No, this enhancement is in the Infra Layer and it is supported in all ODT framework-based products processors.
Provide a brief insight on results obtained for each trace value.	For more information on results of the trace values, refer to the below Trace Value Results table.

**Table 3-2 Trace Value Results**

Trace Value	Process Timing	Application Log	Trace File	HPROF File
Process Timing at Database Level	Y	N	N	N
Process Timing at Application Level	Y	N	N	N
Application Logs	N	Y		N
ALL	Y	Y	Y	N

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## S

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