

Oracle Utilities Customer Care and Billing

Database Changes Guide

Release 2.9.0.0.0

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Oracle Utilities Customer Care and Billing 2.9.0.0.0 Database Changes Guide

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Preface

Welcome to the Oracle Utilities Customer Care and Billing Database Changes Guide.

This guide provides the list of database changes in the following:

- Oracle Utilities Customer Care and Billing V2.9.0.0.0
- Oracle Utilities Application Framework from V4.4.0.3.0 to V4.5.0.0.0

The preface includes the following:

- [Audience](#)
- [Related Documents](#)
- [Updates to this Documentation](#)
- [Conventions](#)
- [Acronyms](#)
- [Documentation Accessibility](#)

Audience

This guide is intended for database administrators who will be installing and maintaining the database for Oracle Utilities Customer Care and Billing.

Related Documents

For more information, refer to these Oracle documents:

Installation Guides and Release Notes

- *Oracle Utilities Customer Care and Billing Release Notes*
- *Oracle Utilities Customer Care and Billing Quick Install Guide*
- *Oracle Utilities Customer Care and Billing Installation Guide*
- *Oracle Utilities Customer Care and Billing Database Administrator's Guide*
- *Oracle Utilities Customer Care and Billing Database Changes Guide*
- *Oracle Utilities Customer Care and Billing Optional Products Installation Guide*
- *Oracle Utilities Customer Care and Billing Licensing Information User Manual*

Administrative and Business User Guides

- *Oracle Utilities Customer Care and Billing Administrative User Guide*
- *Oracle Utilities Customer Care and Billing Business User Guide*

Supplemental Documents

- *Oracle Utilities Customer Care and Billing Server Administration Guide*
- *Oracle Utilities Customer Care and Billing Security Guide*

Updates to this Documentation

This documentation is provided with the version of the product indicated. Additional and updated information about the operations and configuration of the product is available from the Knowledge Base section of My Oracle Support (<http://support.oracle.com>). Please refer to My Oracle Support for more information.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

Convention	Meaning
<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.

Acronyms

The following terms are used in this document:

Term	Expanded form
CCB	Oracle Utilities Customer Care and Billing
OUAF	Oracle Utilities Application Framework

Documentation Accessibility

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Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For more information, visit [My Oracle Support](#) or [Oracle Accessibility Learning and Support](#) if you are hearing impaired.

Chapter 1

Oracle Utilities Customer Care and Billing Database Changes Guide

Welcome to the Oracle Utilities Customer Care and Billing Database Changes Guide. This document describes changes in the Oracle Utilities Customer Care and Billing database for this release. This document includes the following:

- [Oracle Utilities Customer Care and Billing Database Changes](#)
- [Oracle Utilities Application Framework Database Changes](#)

Chapter 2

Oracle Utilities Customer Care and Billing Database Changes

This chapter provides lists of database changes in the 2.9.0.0.0 release of Oracle Utilities Customer Care and Billing. It includes the following:

- [New Tables](#)
- [New Indexes](#)
- [Deleted Indexes](#)
- [Modified Indexes](#)
- [New Views](#)
- [New Columns](#)
- [Dropped Columns](#)
- [Column Format Changes](#)
- [Other Database Changes](#)

New Tables

Table_Name
C1_BI_FTGL_MONTHLY_A
C1_BI_FT_MONTHLY_A
C1_OFFCYC_BGEN_BSEG
ERR\$_C1_BI_FTGL_MONTHLY_A
ERR\$_C1_BI_FT_MONTHLY_A

New Indexes

Table_Name	Index_Name
C1_BI_FTGL_MONTHLY_A	C1T159P0
C1_BI_FT_MONTHLY_A	C1T158P0
C1_CONT_PROD	C1T032S1
C1_CS_REQ_SVC_LOC	C1T049S2
C1_CS_REQ_SVC_LOC_CONT_PROD	C1T052S1
C1_CS_REQ_SVC_LOC_CONT_PROD	C1T052S2
C1_OFFCYC_BGEN_BSEG	C1T160P0
C1_MKTMSG_CHG_REL_OBJ	C1T138S1
C1_MKTMSG_PAY_REL_OBJ	C1T132S1
C1_MKTMSG_USG_REL_OBJ	C1T126S1
C1_MKT_RP	C1M009S7
C1_MKT_RP_REL_OBJ	C1M014S1
C1_PER_SS_PAYOPT	C1M007S2
C1_PA_RQST	C1T020S2
C1_WEB_USER	C1T036S1
C1_WEB_USER	C1T036S2
C1_WEB_USER	C1T036S3
CI_CUT_PROC	XT324S2
CI_FT	XT112S8
CI_OD_PROC	XT315S1

Table_Name	Index_Name
F1_PROC_STORE	C1T747S1

Deleted Indexes

Table_Name	Index_Name
F1_PROC_STORE	C1T747S1

Modified Indexes

Table_Name	Index_Name
CI_PAY_EVENT	XT159S1

New Views

View
CI_BI_WOPROC_VW

New Columns

Table_Name	Column_Name	Data Type	Data Length
C1_BI_BILL_VW	ILM_DT	DATE	10
C1_BI_BILL_VW	ILM_ARCH_SW	CHAR	1
C1_BI_BILLED_USAGE_VW	ILM_DT	DATE	10
C1_BI_BILLED_USAGE_VW	ILM_ARCH_SW	CHAR	1
C1_BI_FTGL_MONTHLY_A	ACCOUNTING_MONTH	NUMBER	6
C1_BI_FTGL_MONTHLY_A	BEGIN_ACCOUNTING_DT	DATE	10
C1_BI_FTGL_MONTHLY_A	CIS_DIVISION	CHAR	5

Table_Name	Column_Name	Data Type	Data Length
C1_BI_FTGL_MONTHLY_A	CUST_CL_CD	CHAR	8
C1_BI_FTGL_MONTHLY_A	DST_ID	CHAR	10
C1_BI_FTGL_MONTHLY_A	FT_GL_AMT	NUMBER	15
C1_BI_FTGL_MONTHLY_A	FT_GL_CNT	NUMBER	10
C1_BI_FTGL_MONTHLY_A	FT_GL_CREDIT_AMT	NUMBER	15
C1_BI_FTGL_MONTHLY_A	FT_GL_DEBIT_AMT	NUMBER	15
C1_BI_FTGL_MONTHLY_A	FT_GL_REV_AMT	NUMBER	15
C1_BI_FTGL_MONTHLY_A	FT_GL_TAX_AMT	NUMBER	15
C1_BI_FTGL_MONTHLY_A	FT_TYPE_FLG	CHAR	2
C1_BI_FTGL_MONTHLY_A	GL_ACCT	VARC	254
C1_BI_FTGL_MONTHLY_A	GL_DIVISION	CHAR	5
C1_BI_FTGL_MONTHLY_A	RS_CD	CHAR	8
C1_BI_FTGL_MONTHLY_A	SA_TYPE_CD	CHAR	8
C1_BI_FTGL_MONTHLY_A	STATISTIC_AMT	NUMBER	15
C1_BI_FT_MONTHLY_A	ACCOUNTING_MONTH	NUMBER	6
C1_BI_FT_MONTHLY_A	BEGIN_ACCOUNTING_DT	DATE	10
C1_BI_FT_MONTHLY_A	CIS_DIVISION	CHAR	5
C1_BI_FT_MONTHLY_A	CUR_AMT	NUMBER	15
C1_BI_FT_MONTHLY_A	CUST_CL_CD	CHAR	8
C1_BI_FT_MONTHLY_A	FT_CNT	NUMBER	10
C1_BI_FT_MONTHLY_A	FT_GL_REV_AMT	NUMBER	15
C1_BI_FT_MONTHLY_A	FT_GL_TAX_AMT	NUMBER	15
C1_BI_FT_MONTHLY_A	FT_OTHER_AMT	NUMBER	15
C1_BI_FT_MONTHLY_A	FT_TYPE_FLG	CHAR	2
C1_BI_FT_MONTHLY_A	GL_DIVISION	CHAR	5
C1_BI_FT_MONTHLY_A	RS_CD	CHAR	8
C1_BI_FT_MONTHLY_A	SA_TYPE_CD	CHAR	8
C1_BI_FT_MONTHLY_A	TOT_AMT	NUMBER	15
C1_BI_WOPROC_VW	ACCT_ID	CHAR	10
C1_BI_WOPROC_VW	ACTIVE_WO_PROC_CNT	NUMBER	9
C1_BI_WOPROC_VW	ARS_AT_END	NUMBER	15,2
C1_BI_WOPROC_VW	ARS_AT_START	NUMBER	15,2

Table_Name	Column_Name	Data Type	Data Length
C1_BI_WOPROC_VW	ARS_DIFF	NUMBER	15,2
C1_BI_WOPROC_VW	CANCL_SYS_WO_PROC_CNT	NUMBER	9
C1_BI_WOPROC_VW	CANCL_USER_WO_PROC_CNT	NUMBER	9
C1_BI_WOPROC_VW	COMMENTS	VARCHAR	254
C1_BI_WOPROC_VW	COMPL_WO_PROC_CNT	NUMBER	9
C1_BI_WOPROC_VW	CRE_DTTM	DTTM	10
C1_BI_WOPROC_VW	CURRENCY_CD	CHAR	3
C1_BI_WOPROC_VW	EFF_WO_EVT_TYP_CD	CHAR	12
C1_BI_WOPROC_VW	EFF_WO_PROC_CNT	NUMBER	9
C1_BI_WOPROC_VW	INACTIVE_WO_PROC_CNT	NUMBER	9
C1_BI_WOPROC_VW	INEFF_WO_PROC_CNT	NUMBER	9
C1_BI_WOPROC_VW	NEXT_WO_EVT_TRIGGER_DT	DATE	10
C1_BI_WOPROC_VW	NEXT_WO_EVT_TYP_CD	CHAR	12
C1_BI_WOPROC_VW	PER_ID	CHAR	10
C1_BI_WOPROC_VW	UNCOLL_PROC_DUR	NUMBER	5
C1_BI_WOPROC_VW	UNCOLL_PROC_ID	CHAR	10
C1_BI_WOPROC_VW	UNCOLL_PROC_STAT_FLG	CHAR	4
C1_BI_WOPROC_VW	WO_CNTL_CD	CHAR	20
C1_BI_WOPROC_VW	WO_PROC_ACT_SA_CNT	NUMBER	9
C1_BI_WOPROC_VW	WO_PROC_CNT	NUMBER	9
C1_BI_WOPROC_VW	WO_PROC_COMPL_DT	DATE	10
C1_BI_WOPROC_VW	WO_PROC_INACT_SA_CNT	NUMBER	9
C1_BI_WOPROC_VW	WO_PROC_TMPL_CD	CHAR	12
C1_BI_WOPROC_VW	WO_PROC_TOT_SA_CNT	NUMBER	9
C1_BI_WOPROC_VW	WO_STATUS_FLG	CHAR	2
C1_BI_WOPROC_VW	WO_STAT_RSN_FLG	CHAR	2
C1_CIS_DIV_RTYP	OVRD_WEB_DEBIT_ACCT_VAL_ALG_CD	CHAR	12
C1_CS_REQ	C1_CREATED_BY_USER	CHAR	8
C1_CS_REQ	C1_FINAL_DTTM	DATE	26
C1_CS_REQ	C1_FINAL_USER	CHAR	8
C1_OFFCYC_BGEN_ADJ	SEQNO	NUMBER	5

Table_Name	Column_Name	Data Type	Data Length
C1_OFFCYC_BGEN_BCHG	SEQNO	NUMBER	5
C1_OFFCYC_BGEN_BSEG	BO_XML_DATA_AREA	XMLTYPE	1073741824
C1_OFFCYC_BGEN_BSEG	BSEG_CLASS_FLG	CHAR	4
C1_OFFCYC_BGEN_BSEG	BSEG_ID	CHAR	12
C1_OFFCYC_BGEN_BSEG	OFFCYC_BGEN_ID	CHAR	12
C1_OFFCYC_BGEN_BSEG	VERSION	NUMBER	5
C1_OFFCYC_BGEN_SA	SEQNO	NUMBER	5
C1_PER_CONTDDET	CONTACT_EXT_ID	VARC	254
C1_PER_SS_PAYOPT	PER_PAY_OPT_NAME	VARC	254
CI_APAY_CLR_STG	PRENOTE_SW	CHAR	1
CI_APAY_RT_TYPE	WEB_DEBIT_ACCT_VAL_ALG_CD	CHAR	12
CI_APAY_SRC	PRENOTE_TENDER_TYPE_CD	CHAR	4
CI_CC_TYPE	BUS_OBJ_CD	CHAR	30
X1_BI_CASE_VW	ILM_DT	DATE	10
X1_BI_CASE_VW	ILM_ARCH_SW	CHAR	1

Dropped Columns

Table_Name	Column_Name
CI_APAY_CLR_STG	PRENOTE_SW

Column Format Changes

Table_Name	Column_Name	Frome	To
C1_MKTMSG_USG_DTL	BSEG_ID	NOT NULLABLE	NULLABLE
C1_MKTMSG_CHG_DTL	MKT_ACT_DMD_QTY	NOT NULLABLE	NULLABLE
C1_PROV_CONFIG_SATY	SUBSA_CIS_DIVISION	NOT NULLABLE	NULLABLE
C1_PROV_CONFIG_SATY	SUBSA_SA_TYPE_CD	NOT NULLABLE	NULLABLE

Other Database Changes

This release of Oracle Utilities Customer Care and Billing also includes the following database changes:

- [Oracle Utilities Application Framework Database Changes](#)

Chapter 3

Oracle Utilities Application Framework Database Changes

This chapter provides lists of database changes in Oracle Utilities Application Framework V4.5.0.0.0 included with the 2.9.0.0.0 release of Oracle Utilities Customer Care and Billing.

It includes the following:

- [New Tables](#)
- [New Columns](#)
- [New Views](#)

New Tables

Table_Name
CI_MD_IDX
CI_MD_IDX_FLD
CI_MD_TBL_ADDTL
F1_IWS_SVC_SCHEMA
F1_IWS_SVC_FLDTEXT
F1_IWS_SVC_OPER_L
F1_IWS_SVC_OPER_OPT
F1_MD_UPD_BACKLOG
F1_TAG
F1_TAG_CHAR
F1_TAG_L
F1_TAGGED_ENTITY
SEC_INVENTORY

New Columns

Table_Name	Column_Name	Data Type	Data Length
CI_NT_XID	OWNER_FLG	CHAR	4
CI_NT_XID_L	OWNER_FLG	CHAR	4
CI_PORTAL_ZONE	ZONE_LAYOUT	CHAR (4)	N
CI_PORTAL_ZONE	ZONE_ROWS	CHAR (4)	N
CI_PORTAL_ZONE	ZONE_WIDTH_FLG	CHAR (4)	N
CI_PORTAL_ZONE	ZONE_HEIGHT_FLG	CHAR (4)	N
CI_PORTAL_ZONE	ZONE_MAX_HEIGHT_PCT	NUMBER (3)	N
CI_XAI_SENDER	OWNER_FLG	CHAR	4
CI_XAI_SENDER_L	OWNER_FLG	CHAR	4
CI_XAI_SNDR_CTX	OWNER_FLG	CHAR	4

Table_Name	Column_Name	Data Type	Data Length
F1_EXTSYS_OUTM SG_PROF	OWNER_FLG	CHAR	4
F1_IWS_SVC	PUBLISH_FLG	CHAR (4)	N
F1_IWS_SVC_OPER	SEQ_NUM	NUMBER (3)	N
F1_IWS_SVC_OPER	MAINT_OBJ_CD	CHAR (12)	N
F1_MIGR_DATA_ST	MIGR_FILEVERSION	NUMBER (2)	N

New Views

View
F1_BATCH_CONF_VW
F1_BATCH_RUN_HIST_VW
F1_BATCH_THD_CAP_VW
F1_BATCH_THD_HIST_VW
F1_BATCH_VOL_VW