

Oracle Utilities Cloud Services

Database Changes Guide

For 21C Releases

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Oracle Utilities Cloud Services 21C Database Changes Guide

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Chapter 1

Cloud Services Database Changes Guide

This document describes changes in the database in the 21C release of Oracle Utilities cloud services. This includes:

- [Customer Cloud Service Database Changes](#)
- [Meter Solution Cloud Service Database Changes](#)
- [Work and Asset Cloud Service Database Changes](#)
- [Application Framework Database Changes](#)

Chapter 2

Customer Cloud Service Database Changes

This chapter provides lists of database changes in the 21C release of Oracle Utilities Customer Cloud Service. This includes:

- [New Tables](#)
- [New Indexes](#)
- [Deleted Indexes](#)
- [New Columns](#)
- [Dropped Columns](#)
- [Other Database Changes](#)

Note: Database changes in this release of Oracle Utilities Customer Cloud Service also apply to the 21C releases of the following cloud services:

- Oracle Utilities Billing Cloud Service
- Oracle Utilities Customer Care and Billing Cloud Service
- Oracle Utilities Rate Cloud Service

New Tables

Table_Name
C1_BI_FTGL_MONTHLY_A
C1_BI_FT_MONTHLY_A
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_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

Deleted Indexes

Table_Name	Index_Name
F1_PROC_STORE	C1T747S1

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
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_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_PER_CONTDDET	CONTACT_EXT_ID	VARC	254
C1_PER_SS_PAYOPT	PER_PAY_OPT_NAME	VARC	254
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

Other Database Changes

This release of Oracle Utilities Customer Cloud Service also includes the following database changes:

- [Meter Solution Cloud Service Database Changes](#)
- [Work and Asset Cloud Service Database Changes](#)
- [Application Framework Database Changes](#)

Chapter 3

Meter Solution Cloud Service Database Changes

This chapter provides lists of database changes in the 21C release of Oracle Utilities Meter Solution Cloud Service. This includes:

- [New Columns](#)
- [Modified Columns](#)
- [Dropped Columns](#)
- [Other Database Changes](#)

New Columns

Table_Name	Column_Name	Data Type	Data Length
D1_ACTIVITY_TYPE	THROTTLE_OPT_FLG	CHAR	4
D1_SVC_TYPE	STC_SVC_TYLE_FLG	CHAR	4

Modified Columns

Table_Name	Column_Name	From	To
D1_SP	D1_LS_SL_DESCR	NOT NULLABLE	NULLABLE

Dropped Columns

Table_Name	Column_Name	Data Type	Data Length
D1_SVC_TYPE	STD_MSRMT_IDENTIFIER	VARCHAR	254

Other Database Changes

This release of Oracle Utilities Meter Solution Cloud Service also includes the following database changes:

- [Work and Asset Cloud Service Database Changes](#)
- [Application Framework Database Changes](#)

Chapter 4

Work and Asset Cloud Service Database Changes

This chapter provides lists of database changes in the 21B release of Oracle Utilities Work and Asset Cloud Service. This includes:

- [New Tables](#)
- [New Columns](#)
- [New Indexes](#)
- [Other Database Changes](#)

Note: Database changes in this release of Oracle Utilities Work and Asset Cloud Service also apply to the 21C release of Oracle Utilities Operational Device Cloud Service.

New Tables

Table_Name
W1_EU_TIMESHEET
W1_VENDOR_LOC_PAYTO_LOC

New Columns

Table_Name	Column_Name	Data Type	Data Length
W1_EU	AUTO_TS_CREATION_FLG	CHAR	4
W1_EU_TIMESHEET	EU_DT	DATE	7
W1_EU_TIMESHEET	EU_ID	CHAR	12
W1_EU_TIMESHEET	HOURS	NUMBER	22
W1_EU_TIMESHEET	VERSION	NUMBER	22

W1_TIMESHEET_DETAIL	EU_ID	CHAR	12
W1_VENDOR_LOC_PAYTO_LOC	PAY_TO_LOC	CHAR	12
W1_VENDOR_LOC_PAYTO_LOC	VENDOR_LOC_ID	CHAR	12
W1_VENDOR_LOC_PAYTO_LOC	VERSION	NUMBER	22

New Indexes

Table_Name	Index_Name	Column_Name
W1_EU_TIMESHEET	W1M961P0	EU_DT
W1_EU_TIMESHEET	W1M961P0	EU_ID
W1_NODE	W1M205S11	BUILDING
W1_PI_CNT_MST	W1T324S3	STOCK_ITEM_DTL_ID
W1_TIMESHEET_DETAIL	W1M595S3	EU_ID
W1_VENDOR_LOC_PAYTO_LOC	W1M955P0	PAY_TO_LOC
W1_VENDOR_LOC_PAYTO_LOC	W1M955P0	VENDOR_LOC_ID
W1_WO	W1T232S14	PARENT_WO_ID

Other Database Changes

This release of Oracle Utilities Work and Asset Cloud Service also includes the following database changes:

- [Application Framework Database Changes](#)

Chapter 5

Application Framework Database Changes

This chapter provides lists of database changes in Oracle Utilities Application Framework included with the 21C release of Oracle Utilities cloud services. This includes:

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

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

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
F1_EXTSYS_OUTMSG_PROF	OWNER_FLG	CHAR	4
CI_XAI_SENDER	OWNER_FLG	CHAR	4
CI_XAI_SENDER_L	OWNER_FLG	CHAR	4
CI_XAI_SNDR_CTX	OWNER_FLG	CHAR	4