

Oracle Utilities Cloud Services

Database Changes Guide



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Introduction

Welcome to the Oracle Utilities Cloud Services Database Changes Guide. This document describes changes in the database in the 26.10 release of the following Oracle Utilities cloud services:

- [Oracle Utilities Billing Cloud Service](#)
- [Oracle Utilities Customer Care and Billing Cloud Service](#)
- [Oracle Utilities Customer Cloud Service](#)
- [Oracle Utilities Customer Program Management Cloud Service](#)
- [Oracle Utilities Market Settlements Management Cloud Service](#)
- [Oracle Utilities Meter Solution Cloud Service](#)
- [Oracle Utilities Rate Cloud Service](#)
- [Oracle Utilities Work and Asset Cloud Service](#)

This document includes the following:

- [Customer-Related Database Changes](#)
- [Meter-Related Database Changes](#)
- [Work and Asset-Related Database Changes](#)
- [Application Framework Database Changes](#)

About New Tables and New Columns

New tables and columns listed in this document are associated with new features introduced in the 26.10 release of the above listed Oracle Utilities cloud services. For more information about new features introduced in this release, visit the [Oracle Cloud Applications Readiness](#) site.

Cloud Services and Database Changes

This section outlines the database changes that apply to each of the following cloud services:

- [Oracle Utilities Billing Cloud Service](#)
- [Oracle Utilities Customer Care and Billing Cloud Service](#)
- [Oracle Utilities Customer Cloud Service](#)
- [Oracle Utilities Customer Program Management Cloud Service](#)
- [Oracle Utilities Market Settlements Management Cloud Service](#)
- [Oracle Utilities Meter Solution Cloud Service](#)
- [Oracle Utilities Rate Cloud Service](#)
- [Oracle Utilities Work and Asset Cloud Service](#)

Billing Cloud Service

The following database changes apply to Oracle Utilities Billing Cloud Service:

- [Customer-Related Database Changes](#)
- [Meter-Related Database Changes](#)
- [Application Framework Database Changes](#)

Customer Care and Billing Cloud Service

The following database changes apply to Oracle Utilities Customer Care and Billing Cloud Service:

- [Customer-Related Database Changes](#)
- [Application Framework Database Changes](#)

Customer Cloud Service

The following database changes apply to Oracle Utilities Customer Cloud Service:

- [Customer-Related Database Changes](#)
- [Meter-Related Database Changes](#)
- [Work and Asset-Related Database Changes](#)
- [Application Framework Database Changes](#)

Customer Program Management Cloud Service

The following database changes apply to Oracle Utilities Customer Program Management Cloud Service:

- [Customer-Related Database Changes](#)
- [Meter-Related Database Changes](#)
- [Work and Asset-Related Database Changes](#)
- [Application Framework Database Changes](#)

Market Settlements Management Cloud Service

The following database changes apply to Oracle Utilities Market Settlements Management Cloud Service:

- [Meter-Related Database Changes](#)
- [Application Framework Database Changes](#)

Meter Solution Cloud Service

The following database changes apply to Oracle Utilities Meter Solution Cloud Service:

- [Meter-Related Database Changes](#)
- [Work and Asset-Related Database Changes](#)
- [Application Framework Database Changes](#)

Rate Cloud Service

The following database changes apply to Oracle Utilities Rate Cloud Service:

- [Customer-Related Database Changes](#)
- [Application Framework Database Changes](#)

Work and Asset Cloud Service

The following database changes apply to Oracle Utilities Work and Asset Cloud Service:

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

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Customer-Related Database Changes

This chapter provides lists of customer-related database changes in the 26.10 release of Oracle Utilities cloud services. This includes:

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

New Tables

Table	Name	Description
C1_CUST_PROF	Customer Profile	Used to define and capture customer profiles
C1_CUST_PROF_ATTR	Customer Profile Attribute	Used to capture attributes associated with a customer profile
C1_CUST_PROF_ATTR_REL_OBJ	Customer Profile Attribute Related Object	Used to store objects related to customer profile attributes
C1_CUST_PROF_ATTR_TYPE	Customer Profile Attribute Type	Used to capture attribute types associated with a customer profile
C1_CUST_PROF_ATTR_TYPE_L	Customer Profile Attribute Type Language	Used to store labels for the Customer Profile Attribute Type table
C1_CUST_PROF_ATTR_TYPE_REL_OBJ	Customer Profile Attribute Type Related Object	Used to store objects related to customer profile attribute types
C1_CUST_PROF_K	Customer Profile Key	Used to capture the relationship between customer profiles and an environment
C1_CUST_PROF_LOG	Customer Profile Log	Used to capture log details for customer profiles
C1_CUST_PROF_LOG_PARM	Customer Profile Log Parameters	Used to capture log parameters for customer profiles
C1_CUST_PROF_TYPE	Customer Profile Type	Used to define types of customer profiles
C1_CUST_PROF_TYPE_ATTR	Customer Profile Type Valid Attribute	Used to define valid attributes for a customer profile type
C1_CUST_PROF_TYPE_L	Customer Profile Type Language	Used to store labels for the Customer Profile Type table

New Columns

Table_Name	Column_Name	Data Type	Length
C1_CALC_RULE_CRT	EFF_DATE_SRCE_FLG	CHAR	4

Table_Name	Column_Name	Data Type	Length
C1_CUST_PROF	ACCT_ID	CHAR	10
C1_CUST_PROF	BO_STATUS_CD	CHAR	12
C1_CUST_PROF	BO_STATUS_REASON_CD	VARCHAR	30
C1_CUST_PROF	BO_XML_DATA_AREA	XML	1073741824
C1_CUST_PROF	BUS_OBJ_CD	CHAR	30
C1_CUST_PROF	CRE_DTTM	DTTM	26
C1_CUST_PROF	CUST_PROF_ID	CHAR	12
C1_CUST_PROF	CUST_PROF_TYPE_CD	CHAR	12
C1_CUST_PROF	STATUS_UPD_DTTM	DTTM	26
C1_CUST_PROF	VERSION	NUMBER	5,0
C1_CUST_PROF_ATTR	BO_XML_DATA_AREA	XML	1073741824
C1_CUST_PROF_ATTR	CRE_DTTM	DTTM	26
C1_CUST_PROF_ATTR	CUST_PROF_ATTR_TYPE_CD	CHAR	30
C1_CUST_PROF_ATTR	CUST_PROF_ATTR_VAL	VARCHAR	254
C1_CUST_PROF_ATTR	CUST_PROF_ID	CHAR	12
C1_CUST_PROF_ATTR	LAST_UPDATE_DTTM	DTTM	26
C1_CUST_PROF_ATTR	SEQNO	NUMBER	5,0
C1_CUST_PROF_ATTR	VERSION	NUMBER	5,0
C1_CUST_PROF_ATTR	CUST_PROF_ATTR_REL_OBJ_SEQ	NUMBER	5,0
C1_CUST_PROF_ATTR	CUST_PROF_ATTR_REL_OBJ_TYP_	CHAR	4
C1_CUST_PROF_ATTR	REL_OBJ_FLG		
C1_CUST_PROF_ATTR	CUST_PROF_ATTR_TYPE_CD	CHAR	30
C1_CUST_PROF_ATTR	CUST_PROF_ID	CHAR	12
C1_CUST_PROF_ATTR	MAINT_OBJ_CD	CHAR	12
C1_CUST_PROF_ATTR	PK_VALUE1	VARCHAR	254
C1_CUST_PROF_ATTR	PK_VALUE2	VARCHAR	254
C1_CUST_PROF_ATTR	PK_VALUE3	VARCHAR	254
C1_CUST_PROF_ATTR	PK_VALUE4	VARCHAR	254
C1_CUST_PROF_ATTR	PK_VALUE5	VARCHAR	254
C1_CUST_PROF_ATTR	SEQNO	NUMBER	5,0
C1_CUST_PROF_ATTR	VERSION	NUMBER	5,0
C1_CUST_PROF_ATTR	BO_XML_DATA_AREA	XML	1073741824
C1_CUST_PROF_ATTR	BUS_OBJ_CD	CHAR	30
C1_CUST_PROF_ATTR	CUST_PROF_ATTR_OCCUR_FLG	CHAR	4
C1_CUST_PROF_ATTR	CUST_PROF_ATTR_STAT_FLG	CHAR	4

Table_Name	Column_Name	Data Type	Length
C1_CUST_PROF_ATTR_TYPE	CUST_PROF_ATTR_TYPE_CD	CHAR	30
C1_CUST_PROF_ATTR_TYPE	FLD_NAME	CHAR	30
C1_CUST_PROF_ATTR_TYPE	VERSION	NUMBER	5,0
C1_CUST_PROF_ATTR_TYPE_L	CUST_PROF_ATTR_TYPE_CD	CHAR	30
C1_CUST_PROF_ATTR_TYPE_L	DESCR100	VARCHAR	100
C1_CUST_PROF_ATTR_TYPE_L	DESCRLONG	VARCHAR	4000
C1_CUST_PROF_ATTR_TYPE_L	LANGUAGE_CD	CHAR	3
C1_CUST_PROF_ATTR_TYPE_L	VERSION	NUMBER	5,0
C1_CUST_PROF_ATTR_TYPE_REL_OBJ	CUST_PROF_ATTR_REL_OBJ_TYP_FLG	CHAR	4
C1_CUST_PROF_ATTR_TYPE_REL_OBJ	CUST_PROF_ATTR_TYPE_CD	CHAR	30
C1_CUST_PROF_ATTR_TYPE_REL_OBJ	MAINT_OBJ_CD	CHAR	12
C1_CUST_PROF_ATTR_TYPE_REL_OBJ	VERSION	NUMBER	5,0
C1_CUST_PROF_K	CUST_PROF_ID	CHAR	12
C1_CUST_PROF_K	ENV_ID	NUMBER	6,0
C1_CUST_PROF_LOG	ADHOC_CHAR_VAL	VARCHAR	254
C1_CUST_PROF_LOG	BO_STATUS_CD	CHAR	12
C1_CUST_PROF_LOG	BO_STATUS_REASON_CD	VARCHAR	30
C1_CUST_PROF_LOG	CHAR_TYPE_CD	CHAR	8
C1_CUST_PROF_LOG	CHAR_VAL	CHAR	16
C1_CUST_PROF_LOG	CHAR_VAL_FK1	VARCHAR	50
C1_CUST_PROF_LOG	CHAR_VAL_FK2	VARCHAR	50
C1_CUST_PROF_LOG	CHAR_VAL_FK3	VARCHAR	50
C1_CUST_PROF_LOG	CHAR_VAL_FK4	VARCHAR	50
C1_CUST_PROF_LOG	CHAR_VAL_FK5	VARCHAR	50
C1_CUST_PROF_LOG	CUST_PROF_ID	CHAR	12
C1_CUST_PROF_LOG	DESCRLONG	VARCHAR	4000
C1_CUST_PROF_LOG	LOG_DTTM	DTTM	26
C1_CUST_PROF_LOG	LOG_ENTRY_TYPE_FLG	CHAR	4
C1_CUST_PROF_LOG	MESSAGE_CAT_NBR	NUMBER	5,0
C1_CUST_PROF_LOG	MESSAGE_NBR	NUMBER	5,0
C1_CUST_PROF_LOG	SEQNO	NUMBER	5,0
C1_CUST_PROF_LOG	USER_ID	CHAR	8
C1_CUST_PROF_LOG	VERSION	NUMBER	5,0
C1_CUST_PROF_LOG_PARM	CUST_PROF_ID	CHAR	12
C1_CUST_PROF_LOG_PARM	MSG_PARM_TYP_FLG	CHAR	4

Table_Name	Column_Name	Data Type	Length
C1_CUST_PROF_LOG_PARM	MSG_PARM_VAL	VARCHAR	2000
C1_CUST_PROF_LOG_PARM	PARM_SEQ	NUMBER	3,0
C1_CUST_PROF_LOG_PARM	SEQNO	NUMBER	5,0
C1_CUST_PROF_LOG_PARM	VERSION	NUMBER	5,0
C1_CUST_PROF_TYPE	BO_XML_DATA_AREA	XML	1073741824
C1_CUST_PROF_TYPE	BUS_OBJ_CD	CHAR	30
C1_CUST_PROF_TYPE	CUST_PROF_TYPE_CD	CHAR	12
C1_CUST_PROF_TYPE	CUST_PROF_TYPE_STAT_FLG	CHAR	4
C1_CUST_PROF_TYPE	TRANS_BUS_OBJ_CD	CHAR	30
C1_CUST_PROF_TYPE	VERSION	NUMBER	5,0
C1_CUST_PROF_TYPE_ATTR	CUST_PROF_ATTR_TYPE_CD	CHAR	30
C1_CUST_PROF_TYPE_ATTR	CUST_PROF_TYPE_CD	CHAR	12
C1_CUST_PROF_TYPE_ATTR	VERSION	NUMBER	5,0
C1_CUST_PROF_TYPE_L	CUST_PROF_TYPE_CD	CHAR	12
C1_CUST_PROF_TYPE_L	DESCR100	VARCHAR	100
C1_CUST_PROF_TYPE_L	DESCRLONG	VARCHAR	4000
C1_CUST_PROF_TYPE_L	LANGUAGE_CD	CHAR	3
C1_CUST_PROF_TYPE_L	VERSION	NUMBER	5,0
C1_NTF_PREF_SA	SP_ID	CHAR	10
CI_CC	NTF_PREF_SA_ID	CHAR	14

Dropped Columns

Table_Name	Column_Name
C1_NTF_PREF_SA	SP_ID

New Indexes

Table_Name	Index_Name
C1_CUST_PROF	C1T177P0
C1_CUST_PROF	C1T177S1
C1_CUST_PROF	C1T177S2
C1_CUST_PROF	C1T177S3
C1_CUST_PROF	C1T177S4
C1_CUST_PROF_ATTR	C1T179P0
C1_CUST_PROF_ATTR	C1T179S1

Table_Name	Index_Name
C1_CUST_PROF_ATTR	C1T179S2
C1_CUST_PROF_ATTR_REL_OBJ	C1T180P0
C1_CUST_PROF_ATTR_REL_OBJ	C1T180S1
C1_CUST_PROF_ATTR_REL_OBJ	C1T180S2
C1_CUST_PROF_ATTR_TYPE	C1C177P0
C1_CUST_PROF_ATTR_TYPE	C1C177S1
C1_CUST_PROF_ATTR_TYPE_L	C1C178P0
C1_CUST_PROF_ATTR_TYPE_REL_OBJ	C1C179P0
C1_CUST_PROF_K	C1T178P0
C1_CUST_PROF_LOG	C1T181P0
C1_CUST_PROF_LOG	C1T181S1
C1_CUST_PROF_LOG	C1T181S2
C1_CUST_PROF_LOG_PARM	C1T182P0
C1_CUST_PROF_TYPE	C1C174P0
C1_CUST_PROF_TYPE	C1C174S1
C1_CUST_PROF_TYPE	C1C174S2
C1_CUST_PROF_TYPE_ATTR	C1C176P0
C1_CUST_PROF_TYPE_L	C1C175P0
C1_PER_CONTDDET	C1T009S5
CI_ADJ	XT012S5
CI_BSEG	XT048S5
CI_BSEG	XT048S6
CI_BILL_ROUTING	XT075S2
CI_FT_GL	XT113S2
CI_PAY_SEG	XT165S3

Deleted Indexes

Table_Name	Index_Name
C1_NTF_PREF_SA	C1T172S2

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Meter-Related Database Changes

This chapter provides lists of meter-related database changes in the 26.10 release of Oracle Utilities cloud services. This includes:

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

New Columns

Table_Name	Column_Name	Data Type	Length
D1_SP_ENTITY_GRP_V W	EFF_DTTM	DATE	7
D1_SP_ENTITY_GRP_V W	EXPIRATION_DTTM	DATE	7
D1_US	D1_CUSTOMER_CLASS	VARCHAR2	1016
D1_US	D1_IB_BASE_TM_DAY_FLG	CHAR	8
D1_US	D1_IB_SA_CUTOFF_TM	CHAR	7

New Indexes

Table_Name	Index_Name
D1_EVT_PARTICIPATION*	D1T639S4

* Used by Customer Program Management Cloud Service

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Work and Asset-Related Database Changes

This chapter provides lists of work and asset-related database changes in the 26.10 release of Oracle Utilities cloud services. This includes:

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

New Tables

Table	Name	Description
W1_ASSET_TYPE_MEASUREMENT_TYPE	Asset Type Measurement Type	Used to define types of measurements used with asset types.

New Columns

Table_Name	Column_Name	Data Type	Length
W1_BC_LINE	BC_LINE_SEQ_NUM	NUMBER	5,0
W1_ASSET_TYPE_MEASUREMENT_TYPE	ASSET_TYPE_CD	VARCHAR2	30
W1_ASSET_TYPE_MEASUREMENT_TYPE	MEASUREMENT_TYPE_CD	VARCHAR2	30
W1_ASSET_TYPE_MEASUREMENT_TYPE	VERSION	NUMBER	5,0

New Indexes

Table_Name	Index_Name
W1_ASSET_TYPE_MEASUREMENT_TYPE	W1C983P0
W1_INVOICE_LINE	W1M595S5
W1_PROJECT	W1M601S13
W1_TIMESHEET_DETAIL	W1M595S5

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Application Framework Database Changes

This chapter provides lists of database changes in Oracle Utilities Application Framework included with the 26.4 release of Oracle Utilities cloud services. This includes:

- [New Tables](#)
- [New Columns](#)
- [New Indexes](#)
- [Updated Indexes](#)

New Tables

Table	Name	Description
F1_OUTMSG_TYPE_FLDTEXT	Outbound Message Type Help Text Field	Used to store help text for outbound message types.

New Columns

Table_Name	Column_Name	Data Type	Length
F1_INSIGHT_TYPE_USER_ACT	ACCESS_MODE	CHAR	16
F1_INSIGHT_TYPE_USER_ACT	APP_SVC_ID	CHAR	80
F1_OUTMSG_TYPE_FLTEXT	EXAMPLE_TEXT	VARCHAR2	16000
F1_OUTMSG_TYPE_FLTEXT	FLD_NAME	CHAR	120
F1_OUTMSG_TYPE_FLTEXT	OUTMSG_HELP_TXT	VARCHAR2	16000
F1_OUTMSG_TYPE_FLTEXT	OUTMSG_TYPE_CD	CHAR	48
F1_OUTMSG_TYPE_FLTEXT	OWNER_FLG	CHAR	16
F1_OUTMSG_TYPE_FLTEXT	TEXT_NAME	CHAR	120
F1_OUTMSG_TYPE_FLTEXT	VERSION	NUMBER	22

New Indexes

Table_Name	Index_Name	Notes
F1_SVC_TASK	F1C474S4	CRE_DTTM,F1_STASK_TYPE_CD,F1_SVC_TASK_ID

Updated Indexes

Table_Name	Index_Name	Notes
F1_SVC_TASK	F1C474S1	Added F1_SVC_TASK_ID
F1_SVC_TASK	F1C474S2	Added CRE_DTTM, F1_SVC_TASK_ID

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