

Oracle Utilities Cloud Services
Database Changes Guide
For 20B Releases
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Oracle Utilities Cloud Services 20B Database Changes Guide

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Chapter 1

Introduction

This document describes changes in the database in the 20A 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 20A release of Oracle Utilities Customer Cloud Service. This includes:

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

New Tables

Table_Name

C1_BI_SA_SNAPSHOT

New Indexes

Table_Name	Index_Name
------------	------------

C1_BI_SA_SNAPSHOT	C1M020P0
-------------------	----------

C1_BI_SA_SNAPSHOT	C1M020S1
-------------------	----------

C1_BI_SA_SNAPSHOT	C1M020S2
-------------------	----------

C1_BI_SA_SNAPSHOT	C1M020S3
-------------------	----------

C1_BI_SA_SNAPSHOT	C1M020S4
-------------------	----------

CI_BCHG_UP_READ	XT270S1
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New Views

View
C1_BI_COLLEVTTYPE_VW
C1_BI_COLLPROC_VW
C1_BI_SEVPROC_VW

New Columns

Table_Name (View_Name)	Column_Name	Data Type	Data Length
C1_BI_COLLEVTTYPE_VW	COLLECTIBLE_EVT_TYPE_CD	CHAR	12
C1_BI_COLLEVTTYPE_VW	DESCR	VARCHAR2	60
C1_BI_COLLPROC_VW	ACCT_ID	CHAR	10
C1_BI_COLLPROC_VW	ACTIVE_COLL_PROC_CNT	NUMBER	
C1_BI_COLLPROC_VW	ACTIVE_SEV_PROC_CNT	NUMBER	
C1_BI_COLLPROC_VW	ARS_AT_END_AMT	NUMBER	15,2
C1_BI_COLLPROC_VW	ARS_AT_START_AMT	NUMBER	15,2
C1_BI_COLLPROC_VW	ARS_DIFF_AMT	NUMBER	15,2
C1_BI_COLLPROC_VW	CANCL_SYS_COLL_PROC_CNT	NUMBER	
C1_BI_COLLPROC_VW	CANCL_USER_COLL_PROC_CNT	NUMBER	
C1_BI_COLLPROC_VW	COLLECTIBLE_ARS_AT_END_AMT	NUMBER	15,2
C1_BI_COLLPROC_VW	COLLECTIBLE_ARS_DIFF_AMT	NUMBER	15,2
C1_BI_COLLPROC_VW	COLLECTIBLE_DURATION	NUMBER	5,0
C1_BI_COLLPROC_VW	COLLECTIBLE_PROC_COMPL_DT	DATE	7
C1_BI_COLLPROC_VW	COLL_ARS_DT	DATE	7
C1_BI_COLLPROC_VW	COLL_CAT_PRIO_FLG	CHAR	2
C1_BI_COLLPROC_VW	COLL_CL_CNTL_CD	CHAR	20
C1_BI_COLLPROC_VW	COLL_PROC_CNT	NUMBER	
C1_BI_COLLPROC_VW	COLL_PROC_COMPL_DT	DATE	7
C1_BI_COLLPROC_VW	COLL_PROC_DURATION	NUMBER	5,0
C1_BI_COLLPROC_VW	COLL_PROC_ID	CHAR	10
C1_BI_COLLPROC_VW	COLL_PROC_TMPL_CD	CHAR	12
C1_BI_COLLPROC_VW	COLL_STATUS_FLG	CHAR	2

C1_BI_COLLPROC_VW	COLL_STAT_RSN_FLG	CHAR	2
C1_BI_COLLPROC_VW	COMMENTS	VARCHAR2	254
C1_BI_COLLPROC_VW	COMPL_COLL_PROC_CNT	NUMBER	
C1_BI_COLLPROC_VW	CRE_DTTM	DATE	7
C1_BI_COLLPROC_VW	CRIT_PRIO_FLG	CHAR	2
C1_BI_COLLPROC_VW	CURRENCY_CD	CHAR	3
C1_BI_COLLPROC_VW	CURR_ARS_AMT	NUMBER	15,2
C1_BI_COLLPROC_VW	CURR_COLLECTIBLE_EVT_TYPE_CD	CHAR	12
C1_BI_COLLPROC_VW	CURR_COLL_EVT_TYP_CD	CHAR	12
C1_BI_COLLPROC_VW	CURR_SEV_EVT_TYPE_CD	CHAR	12
C1_BI_COLLPROC_VW	EFF_COLLECTIBLE_EVT_TYPE_CD	CHAR	12
C1_BI_COLLPROC_VW	EFF_COLL_EVT_TYP_CD	CHAR	12
C1_BI_COLLPROC_VW	EFF_SEV_EVT_TYPE_CD	CHAR	12
C1_BI_COLLPROC_VW	INACTIVE_COLLECTIBLE_CNT	NUMBER	
C1_BI_COLLPROC_VW	INACTIVE_COLL_PROC_CNT	NUMBER	
C1_BI_COLLPROC_VW	INACTIVE_SEV_PROC_CNT	NUMBER	
C1_BI_COLLPROC_VW	OVERALL_ACTIVE_COLL_CNT	NUMBER	
C1_BI_COLLPROC_VW	OVERALL_COLLECTIBLE_STAT_FLG	CHAR	4
C1_BI_COLLPROC_VW	OVERALL_EFF_COLL_CNT	NUMBER	
C1_BI_COLLPROC_VW	OVERALL_INEFF_COLL_CNT	NUMBER	
C1_BI_COLLPROC_VW	PER_ID	CHAR	10
C1_BI_COLLPROC_VW	SEV_PROC_CNT	NUMBER	
C1_BI_SA_SNAPSHOT	ACCT_ID	CHAR	10
C1_BI_SA_SNAPSHOT	ARS_AMT1	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT10	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT2	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT3	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT4	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT5	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT6	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT7	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT8	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ARS_AMT9	NUMBER	15,2
C1_BI_SA_SNAPSHOT	C1_SNAPSHOT_DT	DATE	7

C1_BI_SA_SNAPSHOT	C1_SNAPSHOT_TYPE_FLG	CHAR	4
C1_BI_SA_SNAPSHOT	CURRENCY_CD	CHAR	3
C1_BI_SA_SNAPSHOT	CUR_BAL	NUMBER	15,2
C1_BI_SA_SNAPSHOT	ILM_ARCH_SW	CHAR	1
C1_BI_SA_SNAPSHOT	ILM_DT	DATE	7
C1_BI_SA_SNAPSHOT	NEW_CHG_BAL	NUMBER	15,2
C1_BI_SA_SNAPSHOT	PER_ID	CHAR	10
C1_BI_SA_SNAPSHOT	SA_ID	CHAR	10
C1_BI_SA_SNAPSHOT	SA_SNAPSHOT_CNT	NUMBER	
C1_BI_SA_SNAPSHOT	TOT_BAL	NUMBER	15,2
C1_BI_SA_SNAPSHOT	VERSION	NUMBER	5,0
C1_BI_SEVPROC_VW	ACCT_ID	CHAR	10
C1_BI_SEVPROC_VW	ACTIVE_SEV_PROC_CNT	NUMBER	
C1_BI_SEVPROC_VW	ARS_AT_END_AMT	NUMBER	
C1_BI_SEVPROC_VW	ARS_AT_START_AMT	NUMBER	
C1_BI_SEVPROC_VW	ARS_DIFF_AMT	NUMBER	
C1_BI_SEVPROC_VW	CANCL_SYS_SEV_PROC_CNT	NUMBER	
C1_BI_SEVPROC_VW	CANCL_USER_SEV_PROC_CNT	NUMBER	
C1_BI_SEVPROC_VW	COLL_PROC_ID	CHAR	10
C1_BI_SEVPROC_VW	COMMENTS	VARCHAR2	254
C1_BI_SEVPROC_VW	COMPLETED_SEV_PROC_CNT	NUMBER	
C1_BI_SEVPROC_VW	COMPLETE_DT	DATE	7
C1_BI_SEVPROC_VW	CRE_DTTM	DATE	7
C1_BI_SEVPROC_VW	CURRENCY_CD	CHAR	3
C1_BI_SEVPROC_VW	CURR_ARS_AMT	NUMBER	
C1_BI_SEVPROC_VW	CURR_SEV_EVT_TYPE_CD	VARCHAR2	12
C1_BI_SEVPROC_VW	DISCONN_CNT	NUMBER	
C1_BI_SEVPROC_VW	DISCONN_WARN_CNT	NUMBER	
C1_BI_SEVPROC_VW	DISCONN_WARN_DT	DATE	7
C1_BI_SEVPROC_VW	EFF_SEV_EVT_TYPE_CD	VARCHAR2	12
C1_BI_SEVPROC_VW	EVT_SEQ	NUMBER	3,0
C1_BI_SEVPROC_VW	INACTIVE_SEV_PROC_CNT	NUMBER	
C1_BI_SEVPROC_VW	MESSAGE_CAT_NBR	NUMBER	5,0
C1_BI_SEVPROC_VW	MESSAGE_NBR	NUMBER	5,0

C1_BI_SEVPROC_VW	PER_ID	CHAR	10
C1_BI_SEVPROC_VW	PREM_ID	VARCHAR2	10
C1_BI_SEVPROC_VW	RECONN_CNT	NUMBER	
C1_BI_SEVPROC_VW	SA_ID	CHAR	10
C1_BI_SEVPROC_VW	SEV_ARS_DT	DATE	7
C1_BI_SEVPROC_VW	SEV_PROC_CNT	NUMBER	
C1_BI_SEVPROC_VW	SEV_PROC_DURATION	NUMBER	
C1_BI_SEVPROC_VW	SEV_PROC_ID	CHAR	10
C1_BI_SEVPROC_VW	SEV_PROC_TMPL_CD	CHAR	12
C1_BI_SEVPROC_VW	SEV_STATUS_FLG	CHAR	2
C1_BI_SEVPROC_VW	SEV_STAT_RSN_FLG	CHAR	2
C1_BI_SEVPROC_VW	SVC_DISCONN_DT	DATE	7
C1_BI_SEVPROC_VW	SVC_RECONN_DT	DATE	7
CI_ID_TYPE	ALLOW_PRIMARY_FLG	CHAR	4
CI_ID_TYPE	BO_DATA_AREA	CLOB	4000
CI_ID_TYPE	BUS_OBJ_CD	CHAR	30
CI_ID_TYPE	DELIMITER	CHAR	1
CI_ID_TYPE	FIELD_NAME	CHAR	30
CI_ID_TYPE	ID_PREFIX_FLG	CHAR	4
CI_INSTALLATION	NAME_SEPARATOR	CHAR	1
CI_INSTALLATION	USE_NAME_SEPARATOR_SW	CHAR	1
X1_BI_USG_EXCEPTION_VW	ILM_DT	DATE	7

Column Format Changes

Table_Name	Column_Name	Old Data Type and Data Length		New Data Type and Data Length	
C1_MKT_RP	MKT_JURIS	CHAR	30	VARCHAR2	30
C1_MKT_RP	MKT_ORG	CHAR	10	VARCHAR2	30
C1_MKT_RP	MKT_REG_NBR	CHAR	30	VARCHAR2	30
C1_MKT_RP	MKT_SVC_TYPE	CHAR	30	VARCHAR2	30

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 20A release of Oracle Utilities Meter Solution Cloud Service. This includes:

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

New Tables

Table_Name
D1_ACTIVITY_TYPE_FLD_TASK_TYPE
D1_DVC_EQPMNT
D1_SP_TYPE_FIELD_TASK_TYPE

New Indexes

Table_Name	Index_Name
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	D1C631P0
D1_DVC_EQPMNT	D1M629P0
D1_DVC_EQPMNT	D1M629S0
D1_SP_TYPE_FIELD_TASK_TYPE	D1M630P0

New Views

View

D1_ACT_DVC_SP_VW

New Columns

Table_Name	Column_Name	Data Type	Data Length
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	ACTIVITY_TYPE_CD	VARCHAR2	30
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	SP_DVC_COND_FLG	CHAR	4
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	SEQNO	NUMBER	3
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	SP_CATEGORY_FLG	CHAR	4
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	D1_SP_TYPE_CD	VARCHAR2	30
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	FIELD_TASK_TYPE	VARCHAR2	254
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	DISCONN_LOC_FLG	CHAR	4
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	DEVICE_INSTALLED_AT_SP_SW	CHAR	1
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	SP_CONNECTED_SW	CHAR	1
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	EXEC_OVRD_ALG_SW	CHAR	1
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	INSTALL_EVENT_STATUS_OVERRI DE	VARCHAR2	254
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	ACTIVITY_BO_TO_CREATE	CHAR	30
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	ALTERNATE_FIELD_TASK_TYPE	VARCHAR2	254
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	BO_DATA_AREA	CLOB	
D1_ACTIVITY_TYPE_FLD_TASK_TYPE	VERSION	NUMBER	5
D1_DVC_EQPMNT	D1_EQPMNT_ID	CHAR	12
D1_DVC_EQPMNT	D1_DEVICE_ID	CHAR	12
D1_DVC_EQPMNT	D1_INSTALL_DTTM	DATE	
D1_DVC_EQPMNT	MEASR_COMP_ID	CHAR	12
D1_DVC_EQPMNT	D1_REMOVAL_DTTM	DATE	
D1_DVC_EQPMNT	EQPMNT_CNT	NUMBER	11,2
D1_DVC_EQPMNT	COMMENTS	VARCHAR2	254
D1_DVC_EQPMNT	BO_DATA_AREA	CLOB	
D1_DVC_EQPMNT	VERSION	NUMBER	5

D1_SP_TYPE_FIELD_TASK_TYPE	D1_SP_TYPE_CD	VARCHAR2	30
D1_SP_TYPE_FIELD_TASK_TYPE	FIELD_TASK_TYPE	VARCHAR2	254
D1_SP_TYPE_FIELD_TASK_TYPE	BO_DATA_AREA	CLOB	
D1_SP_TYPE_FIELD_TASK_TYPE	VERSION	NUMBER	5
D1_ACT_DVC_SP_VW	D1_PK_VALUE	VARCHAR2	254
D1_ACT_DVC_SP_VW	D1_ACTIVITY_ID	CHAR	14
D1_ACT_DVC_SP_VW	MAINT_OBJ_CD	CHAR	12
D1_ACT_DVC_SP_VW	ACCESS_GRP_CD	CHAR	12
D1_ACTIVITY_TYPE	SP_DVC_COND_SRC_FLG	CHAR	4
D1_CONS_EXT_TYPE	INTERVAL_SCALAR_FLG	CHAR	4
D1_DVC_TYPE	ATTACHED_TO_FLG	CHAR	4
D1_SP_EQPMNT	BO_DATA_AREA	CLOB	

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 20A release of Oracle Utilities Work and Asset Cloud Service. This includes:

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

Note: The new tables, new indexes, new columns, modified columns, and dropped columns described in this chapter, as well as the [Application Framework Database Changes](#), also apply to Oracle Utilities Operational Device Cloud Service.

New Tables

Table_Name
W1_CHANGE_REQ
W1_CHANGE_REQ_CHAR
W1_CHANGE_REQ_DOCUMENT
W1_CHANGE_REQ_LOG
W1_CHANGE_REQ_LOG_PARM
W1_CHANGE_REQ_APPR_PROF
W1_CHANGE_REQ_TYPE
W1_CHANGE_REQ_TYPE_CHAR
W1_CHANGE_REQ_TYPE_L
W1_CREW_STR_ASSN
W1_PROCESS

W1_PROCESS_CHAR
W1_PROCESS_DOCUMENT
W1_PROCESS_IDENTIFIER
W1_PROCESS_LOC
W1_PROCESS_LOG
W1_PROCESS_LOG_PARM
W1_PROCESS_TYPE
W1_PROCESS_TYPE_CHAR
W1_PROCESS_TYPE_L
W1_RCPT_LINE_SHIP_DEFICIENCY
W1_SHIP_DEFICIENCY_TYPE
W1_SHIP_DEFICIENCY_TYPE_CHAR
W1_SHIP_DEFICIENCY_TYPE_L
W1_VENDOR_LOG
W1_VENDOR_LOG_PARM

New Indexes

Table_Name	Index_Name
W1_ACPT_LINE	W1T475S2
W1_ACPT_LINE	W1T475S2
W1_BC_LINE	W1T355S2
W1_BC_LINE	W1T355S2
W1_BC_LINE	W1T355S3
W1_BC_LINE	W1T355S3
W1_BC_LINE	W1T355S3
W1_CHANGE_REQ	W1T936P0
W1_CHANGE_REQ	W1T936S1
W1_CHANGE_REQ	W1T936S1
W1_CHANGE_REQ	W1T936S1
W1_CHANGE_REQ	W1T936S2
W1_CHANGE_REQ	W1T936S2
W1_CHANGE_REQ	W1T936S3

W1_CHANGE_REQ	W1T936S3
W1_CHANGE_REQ	W1T936S4
W1_CHANGE_REQ	W1T936S4
W1_CHANGE_REQ	W1T936S4
W1_CHANGE_REQ	W1T936S5
W1_CHANGE_REQ	W1T936S5
W1_CHANGE_REQ	W1T936S6
W1_CHANGE_REQ	W1T936S6
W1_CHANGE_REQ_APPR_PROF	W1C935P0
W1_CHANGE_REQ_APPR_PROF	W1C935P0
W1_CHANGE_REQ_CHAR	W1T937P0
W1_CHANGE_REQ_CHAR	W1T937P0
W1_CHANGE_REQ_CHAR	W1T937P0
W1_CHANGE_REQ_CHAR	W1T937S1
W1_CHANGE_REQ_DOCUMENT	W1T940P0
W1_CHANGE_REQ_DOCUMENT	W1T940P0
W1_CHANGE_REQ_DOCUMENT	W1T940P0
W1_CHANGE_REQ_K	W1T941P0
W1_CHANGE_REQ_K	W1T941P0
W1_CHANGE_REQ_LOG	W1T938P0
W1_CHANGE_REQ_LOG	W1T938P0
W1_CHANGE_REQ_LOG	W1T938S1
W1_CHANGE_REQ_LOG	W1T938S1
W1_CHANGE_REQ_LOG	W1T938S2
W1_CHANGE_REQ_LOG	W1T938S2
W1_CHANGE_REQ_LOG_PARM	W1T939P0
W1_CHANGE_REQ_LOG_PARM	W1T939P0
W1_CHANGE_REQ_LOG_PARM	W1T939P0
W1_CHANGE_REQ_TYPE	W1C932P0
W1_CHANGE_REQ_TYPE_CHAR	W1C934P0
W1_CHANGE_REQ_TYPE_CHAR	W1C934P0
W1_CHANGE_REQ_TYPE_CHAR	W1C934P0
W1_CHANGE_REQ_TYPE_CHAR	W1C934S1
W1_CHANGE_REQ_TYPE_L	W1C933P0

W1_CHANGE_REQ_TYPE_L	W1C933P0
W1_CREW_STR_ASSN	W1M919P0
W1_CREW_STR_ASSN	W1M919P0
W1_INVOICE_LINE	W1T509S2
W1_INVOICE_LINE	W1T509S2
W1_MAT_RET_LINE	W1T400S1
W1_MAT_RET_LINE	W1T400S1
W1_ODC_DTL	W1T340S2
W1_ODC_DTL	W1T340S2
W1_PI_CNT_LINE	W1T329S2
W1_PI_CNT_LINE	W1T329S2
W1_PI_CNT_MST	W1T324S2
W1_PI_CNT_MST	W1T324S2
W1_PO_LINE	W1T418S2
W1_PO_LINE	W1T418S2
W1_PO_LINE	W1T418S3
W1_PO_LINE	W1T418S3
W1_PROCESS	W1M923P0
W1_PROCESS_CHAR	W1M926P0
W1_PROCESS_CHAR	W1M926P0
W1_PROCESS_CHAR	W1M926P0
W1_PROCESS_DOCUMENT	W1M930P0
W1_PROCESS_DOCUMENT	W1M930P0
W1_PROCESS_DOCUMENT	W1M930P0
W1_PROCESS_IDENTIFIER	W1M927P0
W1_PROCESS_IDENTIFIER	W1M927P0
W1_PROCESS_K	W1M924P0
W1_PROCESS_K	W1M924P0
W1_PROCESS_LOC	W1M925P0
W1_PROCESS_LOC	W1M925P0
W1_PROCESS_LOG	W1M928P0
W1_PROCESS_LOG	W1M928P0
W1_PROCESS_LOG_PARM	W1M929P0
W1_PROCESS_LOG_PARM	W1M929P0

W1_PROCESS_LOG_PARM	W1M929P0
W1_PROCESS_TYPE	W1C920P0
W1_PROCESS_TYPE_CHAR	W1C921P0
W1_PROCESS_TYPE_CHAR	W1C921P0
W1_PROCESS_TYPE_CHAR	W1C921P0
W1_PROCESS_TYPE_L	W1C922P0
W1_PROCESS_TYPE_L	W1C922P0
W1_PR_LINE	W1T443S2
W1_PR_LINE	W1T443S2
W1_RCPT_LINE	W1T468S2
W1_RCPT_LINE	W1T468S2
W1_RCPT_LINE_SHIP_DEFICIENCY	W1T916P0
W1_RCPT_LINE_SHIP_DEFICIENCY	W1T916P0
W1_SHIPPING_LINE	W1T911S6
W1_SHIPPING_LINE	W1T911S6
W1_SHIP_DEFICIENCY_TYPE	W1C923P0
W1_SHIP_DEFICIENCY_TYPE_CHAR	W1C924P0
W1_SHIP_DEFICIENCY_TYPE_CHAR	W1C924P0
W1_SHIP_DEFICIENCY_TYPE_CHAR	W1C924P0
W1_SHIP_DEFICIENCY_TYPE_CHAR	W1C924S1
W1_SHIP_DEFICIENCY_TYPE_L	W1C925P0
W1_SHIP_DEFICIENCY_TYPE_L	W1C925P0
W1_TIMESHEET_DETAIL	W1M595S2
W1_TIMESHEET_DETAIL	W1M595S2
W1_VENDOR_LOG	W1M943P0
W1_VENDOR_LOG	W1M943P0
W1_VENDOR_LOG	W1M943S1
W1_VENDOR_LOG	W1M943S1
W1_VENDOR_LOG	W1M943S2
W1_VENDOR_LOG	W1M943S2
W1_VENDOR_LOG_PARM	W1M944P0
W1_VENDOR_LOG_PARM	W1M944P0
W1_VENDOR_LOG_PARM	W1M944P0

New Columns

Table_Name	Column_Name	Data Type	Data Length
W1_ASSET	CALENDAR_PM_RESET_DT	DATE	7
W1_ASSET_NODE	ACT_ID	CHAR	14
W1_CHANGE_REQ	CHANGE_REQ_ID	CHAR	14
W1_CHANGE_REQ	DESCR100	VARCHAR2	100
W1_CHANGE_REQ	W1_DESCR100_UPR	VARCHAR2	100
W1_CHANGE_REQ	DESCRLONG	VARCHAR2	4000
W1_CHANGE_REQ	CHANGE_REQ_TYPE_CD	VARCHAR2	30
W1_CHANGE_REQ	CHANGE_REQ_NUM	VARCHAR2	14
W1_CHANGE_REQ	APPROVAL_PROF_CD	VARCHAR2	30
W1_CHANGE_REQ	MAINT_OBJ_CD	CHAR	12
W1_CHANGE_REQ	PK_VALUE1	VARCHAR2	254
W1_CHANGE_REQ	PK_VALUE2	VARCHAR2	254
W1_CHANGE_REQ	PK_VALUE3	VARCHAR2	254
W1_CHANGE_REQ	PK_VALUE4	VARCHAR2	254
W1_CHANGE_REQ	PK_VALUE5	VARCHAR2	254
W1_CHANGE_REQ	BUS_OBJ_CD	CHAR	30
W1_CHANGE_REQ	BO_STATUS_CD	CHAR	12
W1_CHANGE_REQ	BO_STATUS_REASON_CD	VARCHAR2	30
W1_CHANGE_REQ	CRE_DTTM	DATE	7
W1_CHANGE_REQ	STATUS_UPD_DTTM	DATE	7
W1_CHANGE_REQ	FINAL_DTTM	DATE	7
W1_CHANGE_REQ	BO_DATA_AREA	CLOB	4000
W1_CHANGE_REQ	VERSION	NUMBER	22
W1_CHANGE_REQ	REQUIRED_BY_DT	DATE	7
W1_CHANGE_REQ	JUSTIFICATION	VARCHAR2	4000
W1_CHANGE_REQ	IMPACT	VARCHAR2	4000
W1_CHANGE_REQ	USER_ID	CHAR	8
W1_CHANGE_REQ	REQUESTOR_ID	CHAR	8
W1_CHANGE_REQ_APPR_PROF	CHANGE_REQ_TYPE_CD	VARCHAR2	30
W1_CHANGE_REQ_APPR_PROF	APPROVAL_PROF_CD	VARCHAR2	30

W1_CHANGE_REQ_APPR_PROF	VERSION	NUMBER	22
W1_CHANGE_REQ_CHAR	CHANGE_REQ_ID	CHAR	14
W1_CHANGE_REQ_CHAR	CHAR_TYPE_CD	CHAR	8
W1_CHANGE_REQ_CHAR	SEQ_NUM	NUMBER	22
W1_CHANGE_REQ_CHAR	CHAR_VAL	CHAR	16
W1_CHANGE_REQ_CHAR	ADHOC_CHAR_VAL	VARCHAR2	254
W1_CHANGE_REQ_CHAR	CHAR_VAL_FK1	VARCHAR2	50
W1_CHANGE_REQ_CHAR	CHAR_VAL_FK2	VARCHAR2	50
W1_CHANGE_REQ_CHAR	CHAR_VAL_FK3	VARCHAR2	50
W1_CHANGE_REQ_CHAR	CHAR_VAL_FK4	VARCHAR2	50
W1_CHANGE_REQ_CHAR	CHAR_VAL_FK5	VARCHAR2	50
W1_CHANGE_REQ_CHAR	SRCH_CHAR_VAL	VARCHAR2	50
W1_CHANGE_REQ_CHAR	VERSION	NUMBER	22
W1_CHANGE_REQ_DOCUMENT	CHANGE_REQ_ID	CHAR	14
W1_CHANGE_REQ_DOCUMENT	ATTACHMENT_ID	CHAR	14
W1_CHANGE_REQ_DOCUMENT	DOCUMENT_ID	CHAR	12
W1_CHANGE_REQ_DOCUMENT	CRE_DTTM	DATE	7
W1_CHANGE_REQ_DOCUMENT	USER_ID	CHAR	8
W1_CHANGE_REQ_DOCUMENT	VERSION	NUMBER	22
W1_CHANGE_REQ_K	CHANGE_REQ_ID	CHAR	14
W1_CHANGE_REQ_K	ENV_ID	NUMBER	22
W1_CHANGE_REQ_LOG	CHANGE_REQ_ID	CHAR	14
W1_CHANGE_REQ_LOG	SEQNO	NUMBER	22
W1_CHANGE_REQ_LOG	CHAR_TYPE_CD	CHAR	8
W1_CHANGE_REQ_LOG	CHAR_VAL	CHAR	16
W1_CHANGE_REQ_LOG	ADHOC_CHAR_VAL	VARCHAR2	254
W1_CHANGE_REQ_LOG	CHAR_VAL_FK1	VARCHAR2	50
W1_CHANGE_REQ_LOG	CHAR_VAL_FK2	VARCHAR2	50
W1_CHANGE_REQ_LOG	CHAR_VAL_FK3	VARCHAR2	50
W1_CHANGE_REQ_LOG	CHAR_VAL_FK4	VARCHAR2	50
W1_CHANGE_REQ_LOG	CHAR_VAL_FK5	VARCHAR2	50
W1_CHANGE_REQ_LOG	DESCRLONG	VARCHAR2	4000
W1_CHANGE_REQ_LOG	LOG_DTTM	DATE	7
W1_CHANGE_REQ_LOG	LOG_ENTRY_TYPE_FLG	CHAR	4

W1_CHANGE_REQ_LOG	MESSAGE_CAT_NBR	NUMBER	22
W1_CHANGE_REQ_LOG	MESSAGE_NBR	NUMBER	22
W1_CHANGE_REQ_LOG	USER_ID	CHAR	8
W1_CHANGE_REQ_LOG	BO_STATUS_CD	CHAR	12
W1_CHANGE_REQ_LOG	BO_STATUS_REASON_CD	VARCHAR2	30
W1_CHANGE_REQ_LOG	VERSION	NUMBER	22
W1_CHANGE_REQ_LOG_PARM	CHANGE_REQ_ID	CHAR	14
W1_CHANGE_REQ_LOG_PARM	SEQNO	NUMBER	22
W1_CHANGE_REQ_LOG_PARM	PARM_SEQ	NUMBER	22
W1_CHANGE_REQ_LOG_PARM	MSG_PARM_TYP_FLG	CHAR	4
W1_CHANGE_REQ_LOG_PARM	F1_MSG_PARM_VLONG	VARCHAR2	2000
W1_CHANGE_REQ_LOG_PARM	VERSION	NUMBER	22
W1_CHANGE_REQ_TYPE	CHANGE_REQ_TYPE_CD	VARCHAR2	30
W1_CHANGE_REQ_TYPE	REL_OBJ_FLG	VARCHAR2	254
W1_CHANGE_REQ_TYPE	BUS_OBJ_CD	CHAR	30
W1_CHANGE_REQ_TYPE	CHANGE_REQ_BUS_OBJ_CD	CHAR	30
W1_CHANGE_REQ_TYPE	BO_DATA_AREA	CLOB	4000
W1_CHANGE_REQ_TYPE	VERSION	NUMBER	22
W1_CHANGE_REQ_TYPE_CHAR	CHANGE_REQ_TYPE_CD	VARCHAR2	30
W1_CHANGE_REQ_TYPE_CHAR	CHAR_TYPE_CD	CHAR	8
W1_CHANGE_REQ_TYPE_CHAR	SEQ_NUM	NUMBER	22
W1_CHANGE_REQ_TYPE_CHAR	CHAR_VAL	CHAR	16
W1_CHANGE_REQ_TYPE_CHAR	ADHOC_CHAR_VAL	VARCHAR2	254
W1_CHANGE_REQ_TYPE_CHAR	CHAR_VAL_FK1	VARCHAR2	50
W1_CHANGE_REQ_TYPE_CHAR	CHAR_VAL_FK2	VARCHAR2	50
W1_CHANGE_REQ_TYPE_CHAR	CHAR_VAL_FK3	VARCHAR2	50
W1_CHANGE_REQ_TYPE_CHAR	CHAR_VAL_FK4	VARCHAR2	50
W1_CHANGE_REQ_TYPE_CHAR	CHAR_VAL_FK5	VARCHAR2	50
W1_CHANGE_REQ_TYPE_CHAR	SRCH_CHAR_VAL	VARCHAR2	50
W1_CHANGE_REQ_TYPE_CHAR	VERSION	NUMBER	22
W1_CHANGE_REQ_TYPE_L	CHANGE_REQ_TYPE_CD	VARCHAR2	30
W1_CHANGE_REQ_TYPE_L	LANGUAGE_CD	CHAR	3
W1_CHANGE_REQ_TYPE_L	DESCR100	VARCHAR2	100
W1_CHANGE_REQ_TYPE_L	VERSION	NUMBER	22

W1_CREW_STR_ASSN	W1_CREW_ID	CHAR	12
W1_CREW_STR_ASSN	NODE_ID	CHAR	12
W1_CREW_STR_ASSN	STOREROOM_CAT_FLG	CHAR	4
W1_CREW_STR_ASSN	PRIMARY_FLG	CHAR	4
W1_CREW_STR_ASSN	VERSION	NUMBER	22
W1_NODE_TYPE	STOREROOM_CAT_FLG	CHAR	4
W1_PROCESS	PROCESS_ID	CHAR	12
W1_PROCESS	PROCESS_TYPE_CD	VARCHAR2	30
W1_PROCESS	DESCR100	VARCHAR2	100
W1_PROCESS	W1_DESCR100_UPR	VARCHAR2	100
W1_PROCESS	DESCRLONG	VARCHAR2	4000
W1_PROCESS	BUS_OBJ_CD	CHAR	30
W1_PROCESS	BO_STATUS_CD	CHAR	12
W1_PROCESS	CRE_DTTM	DATE	7
W1_PROCESS	BO_STATUS_REASON_CD	VARCHAR2	30
W1_PROCESS	STATUS_UPD_DTTM	DATE	7
W1_PROCESS	MAINTMGR_CD	VARCHAR2	30
W1_PROCESS	PLANNER_CD	VARCHAR2	30
W1_PROCESS	BO_DATA_AREA	CLOB	4000
W1_PROCESS	VERSION	NUMBER	22
W1_PROCESS_CHAR	PROCESS_ID	CHAR	12
W1_PROCESS_CHAR	CHAR_TYPE_CD	CHAR	8
W1_PROCESS_CHAR	SEQ_NUM	NUMBER	22
W1_PROCESS_CHAR	CHAR_VAL	CHAR	16
W1_PROCESS_CHAR	ADHOC_CHAR_VAL	VARCHAR2	254
W1_PROCESS_CHAR	CHAR_VAL_FK1	VARCHAR2	50
W1_PROCESS_CHAR	CHAR_VAL_FK2	VARCHAR2	50
W1_PROCESS_CHAR	CHAR_VAL_FK3	VARCHAR2	50
W1_PROCESS_CHAR	CHAR_VAL_FK4	VARCHAR2	50
W1_PROCESS_CHAR	CHAR_VAL_FK5	VARCHAR2	50
W1_PROCESS_CHAR	SRCH_CHAR_VAL	VARCHAR2	50
W1_PROCESS_CHAR	VERSION	NUMBER	22
W1_PROCESS_DOCUMENT	PROCESS_ID	CHAR	12
W1_PROCESS_DOCUMENT	DOCUMENT_ID	CHAR	12

W1_PROCESS_DOCUMENT	ATTACHMENT_ID	CHAR	14
W1_PROCESS_DOCUMENT	USER_ID	CHAR	8
W1_PROCESS_DOCUMENT	CRE_DTTM	DATE	7
W1_PROCESS_DOCUMENT	VERSION	NUMBER	22
W1_PROCESS_IDENTIFIER	PROCESS_ID	CHAR	12
W1_PROCESS_IDENTIFIER	PROCESS_ID_TYPE_FLG	CHAR	4
W1_PROCESS_IDENTIFIER	W1_ID_VALUE	VARCHAR2	60
W1_PROCESS_IDENTIFIER	VERSION	NUMBER	22
W1_PROCESS_K	PROCESS_ID	CHAR	12
W1_PROCESS_K	ENV_ID	NUMBER	22
W1_PROCESS_LOC	PROCESS_ID	CHAR	12
W1_PROCESS_LOC	NODE_ID	CHAR	12
W1_PROCESS_LOC	W1_INCL_CHILD_FLG	CHAR	4
W1_PROCESS_LOC	VERSION	NUMBER	22
W1_PROCESS_LOG	PROCESS_ID	CHAR	12
W1_PROCESS_LOG	SEQNO	NUMBER	22
W1_PROCESS_LOG	BO_STATUS_CD	CHAR	12
W1_PROCESS_LOG	BO_STATUS_REASON_CD	VARCHAR2	30
W1_PROCESS_LOG	ADHOC_CHAR_VAL	VARCHAR2	254
W1_PROCESS_LOG	CHAR_TYPE_CD	CHAR	8
W1_PROCESS_LOG	CHAR_VAL	CHAR	16
W1_PROCESS_LOG	CHAR_VAL_FK1	VARCHAR2	50
W1_PROCESS_LOG	CHAR_VAL_FK2	VARCHAR2	50
W1_PROCESS_LOG	CHAR_VAL_FK3	VARCHAR2	50
W1_PROCESS_LOG	CHAR_VAL_FK4	VARCHAR2	50
W1_PROCESS_LOG	CHAR_VAL_FK5	VARCHAR2	50
W1_PROCESS_LOG	DESCRLONG	VARCHAR2	4000
W1_PROCESS_LOG	LOG_DTTM	DATE	7
W1_PROCESS_LOG	LOG_ENTRY_TYPE_FLG	CHAR	4
W1_PROCESS_LOG	MESSAGE_CAT_NBR	NUMBER	22
W1_PROCESS_LOG	MESSAGE_NBR	NUMBER	22
W1_PROCESS_LOG	USER_ID	CHAR	8
W1_PROCESS_LOG	VERSION	NUMBER	22
W1_PROCESS_LOG_PARM	PROCESS_ID	CHAR	12

W1_PROCESS_LOG_PARM	SEQNO	NUMBER	22
W1_PROCESS_LOG_PARM	PARAM_SEQ	NUMBER	22
W1_PROCESS_LOG_PARM	MSG_PARM_TYP_FLG	CHAR	4
W1_PROCESS_LOG_PARM	F1_MSG_PARM_VLONG	VARCHAR2	2000
W1_PROCESS_LOG_PARM	VERSION	NUMBER	22
W1_PROCESS_TYPE	PROCESS_TYPE_CD	VARCHAR2	30
W1_PROCESS_TYPE	BUS_OBJ_CD	CHAR	30
W1_PROCESS_TYPE	PROCESS_BUS_OBJ_CD	CHAR	30
W1_PROCESS_TYPE	BO_DATA_AREA	CLOB	4000
W1_PROCESS_TYPE	VERSION	NUMBER	22
W1_PROCESS_TYPE_CHAR	PROCESS_TYPE_CD	VARCHAR2	30
W1_PROCESS_TYPE_CHAR	CHAR_TYPE_CD	CHAR	8
W1_PROCESS_TYPE_CHAR	SEQ_NUM	NUMBER	22
W1_PROCESS_TYPE_CHAR	CHAR_VAL	CHAR	16
W1_PROCESS_TYPE_CHAR	ADHOC_CHAR_VAL	VARCHAR2	254
W1_PROCESS_TYPE_CHAR	CHAR_VAL_FK1	VARCHAR2	50
W1_PROCESS_TYPE_CHAR	CHAR_VAL_FK2	VARCHAR2	50
W1_PROCESS_TYPE_CHAR	CHAR_VAL_FK3	VARCHAR2	50
W1_PROCESS_TYPE_CHAR	CHAR_VAL_FK4	VARCHAR2	50
W1_PROCESS_TYPE_CHAR	CHAR_VAL_FK5	VARCHAR2	50
W1_PROCESS_TYPE_CHAR	SRCH_CHAR_VAL	VARCHAR2	50
W1_PROCESS_TYPE_CHAR	VERSION	NUMBER	22
W1_PROCESS_TYPE_L	PROCESS_TYPE_CD	VARCHAR2	30
W1_PROCESS_TYPE_L	LANGUAGE_CD	CHAR	3
W1_PROCESS_TYPE_L	DESCR100	VARCHAR2	100
W1_PROCESS_TYPE_L	VERSION	NUMBER	22
W1_RCPT_LINE_SHIP_DEFICIENCY	RCPT_LINE_ID	CHAR	14
W1_RCPT_LINE_SHIP_DEFICIENCY	SHIPMENT_DEFICIENCY_TYPE_CD	VARCHAR2	30
W1_RCPT_LINE_SHIP_DEFICIENCY	COMMENT_LONG	VARCHAR2	2000
W1_RCPT_LINE_SHIP_DEFICIENCY	RESOLVED_FLG	CHAR	4
W1_RCPT_LINE_SHIP_DEFICIENCY	VERSION	NUMBER	22
W1_RCPT_LINE_SHIP_DEFICIENCY	RESOLVED_DT	DATE	7
W1_RCPT_LINE_SHIP_DEFICIENCY	INITIATION_DT	DATE	7
W1_SHIP_DEFICIENCY_TYPE	SHIPMENT_DEFICIENCY_TYPE_CD	VARCHAR2	30

W1_SHIP_DEFICIENCY_TYPE	BUS_OBJ_CD	CHAR	30
W1_SHIP_DEFICIENCY_TYPE	BO_DATA_AREA	CLOB	4000
W1_SHIP_DEFICIENCY_TYPE	VERSION	NUMBER	22
W1_SHIP_DEFICIENCY_TYPE_CHAR	ADHOC_CHAR_VAL	VARCHAR2	254
W1_SHIP_DEFICIENCY_TYPE_CHAR	SHIPMENT_DEFICIENCY_TYPE_CD	VARCHAR2	30
W1_SHIP_DEFICIENCY_TYPE_CHAR	CHAR_TYPE_CD	CHAR	8
W1_SHIP_DEFICIENCY_TYPE_CHAR	CHAR_VAL	CHAR	16
W1_SHIP_DEFICIENCY_TYPE_CHAR	CHAR_VAL_FK1	VARCHAR2	50
W1_SHIP_DEFICIENCY_TYPE_CHAR	CHAR_VAL_FK2	VARCHAR2	50
W1_SHIP_DEFICIENCY_TYPE_CHAR	CHAR_VAL_FK3	VARCHAR2	50
W1_SHIP_DEFICIENCY_TYPE_CHAR	CHAR_VAL_FK4	VARCHAR2	50
W1_SHIP_DEFICIENCY_TYPE_CHAR	CHAR_VAL_FK5	VARCHAR2	50
W1_SHIP_DEFICIENCY_TYPE_CHAR	SEQ_NUM	NUMBER	22
W1_SHIP_DEFICIENCY_TYPE_CHAR	SRCH_CHAR_VAL	VARCHAR2	50
W1_SHIP_DEFICIENCY_TYPE_CHAR	VERSION	NUMBER	22
W1_SHIP_DEFICIENCY_TYPE_L	SHIPMENT_DEFICIENCY_TYPE_CD	VARCHAR2	30
W1_SHIP_DEFICIENCY_TYPE_L	DESCR100	VARCHAR2	100
W1_SHIP_DEFICIENCY_TYPE_L	LANGUAGE_CD	CHAR	3
W1_SHIP_DEFICIENCY_TYPE_L	VERSION	NUMBER	22
W1_STOCK_ITEM_DTL	EXPENSE_CD	VARCHAR2	30
W1_VENDOR_LOG	VENDOR_CD	VARCHAR2	30
W1_VENDOR_LOG	SEQNO	NUMBER	22
W1_VENDOR_LOG	CHAR_TYPE_CD	CHAR	8
W1_VENDOR_LOG	CHAR_VAL	CHAR	16
W1_VENDOR_LOG	ADHOC_CHAR_VAL	VARCHAR2	254
W1_VENDOR_LOG	CHAR_VAL_FK1	VARCHAR2	50
W1_VENDOR_LOG	CHAR_VAL_FK2	VARCHAR2	50
W1_VENDOR_LOG	CHAR_VAL_FK3	VARCHAR2	50
W1_VENDOR_LOG	CHAR_VAL_FK4	VARCHAR2	50
W1_VENDOR_LOG	CHAR_VAL_FK5	VARCHAR2	50
W1_VENDOR_LOG	DESCRLONG	VARCHAR2	4000
W1_VENDOR_LOG	LOG_DTTM	DATE	7
W1_VENDOR_LOG	LOG_ENTRY_TYPE_FLG	CHAR	4
W1_VENDOR_LOG	MESSAGE_CAT_NBR	NUMBER	22

W1_VENDOR_LOG	MESSAGE_NBR	NUMBER	22
W1_VENDOR_LOG	USER_ID	CHAR	8
W1_VENDOR_LOG	BO_STATUS_CD	CHAR	12
W1_VENDOR_LOG	BO_STATUS_REASON_CD	VARCHAR2	30
W1_VENDOR_LOG	VERSION	NUMBER	22
W1_VENDOR_LOG_PARM	VENDOR_CD	VARCHAR2	30
W1_VENDOR_LOG_PARM	SEQNO	NUMBER	22
W1_VENDOR_LOG_PARM	PARM_SEQ	NUMBER	22
W1_VENDOR_LOG_PARM	MSG_PARM_TYP_FLG	CHAR	4
W1_VENDOR_LOG_PARM	F1_MSG_PARM_VLONG	VARCHAR2	2000
W1_VENDOR_LOG_PARM	VERSION	NUMBER	22

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 20A release of Oracle Utilities cloud services. This includes:

- [New Columns](#)

New Columns

Table_Name	Column_Name	Data Type	Data Length
F1_LGCY_OBJ*	LGCY_CAT_FLG	CHAR	4
F1_LGCY_OBJ*	CHANGE_REF_NAME	VARCHAR2	30
F1_MD_BI_TBL	F1_BI_HIER_DEFN	VARCHAR2	4000
CI_MD_FLD_L	CONTEXT_LABEL_TYPE1	CHAR	4
CI_MD_FLD_L	CONTEXT_LABEL_TYPE2	CHAR	4
CI_MD_FLD_L	CONTEXT_LABEL_TYPE3	CHAR	4
CI_MD_FLD_L	CONTEXT_LABEL1	VARCHAR2	60
CI_MD_FLD_L	CONTEXT_LABEL2	VARCHAR2	60
CI_MD_FLD_L	CONTEXT_LABEL3	VARCHAR2	60
CI_MD_FLD_L	OVRD_CONTEXT_LABEL1	VARCHAR2	60
CI_MD_FLD_L	OVRD_CONTEXT_LABEL2	VARCHAR2	60
CI_MD_FLD_L	OVRD_CONTEXT_LABEL3	VARCHAR2	60
CI_BATCH_INST	FILE_DETAILS	CLOB	
CI_BATCH_JOB	SUBMIT METH_FLG	CHAR	4
CI_BATCH_JOB	SUBMIT_USER_ID	CHAR	8

*Table used by internal processes.