

**Oracle® Communications MetaSolv Solution**

Database Change Reference

Release 6.2.1

**E41393-04**

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# Preface

This document contains the database changes for the Oracle Communications MetaSolv Solution (MSS) 6.2.1 release. Database changes for each subsequent maintenance releases will be added to this guide as they are released.

## Audience

This document is for database administrators responsible for installing or maintaining MSS and ensuring the software is operating as required.

## Related Documents

For more information, see the following documents in the MSS 6.2.1 documentation set:

- *MSS Planning Guide*: Describes information you need to consider in planning your MetaSolv Solution environment prior to installation.
- *MSS Installation Guide*: Describes system requirements and installation procedures for installing MetaSolv Solution.
- *MSS System Administrator's Guide*: Describes post-installation tasks and administrative tasks such as maintaining user security.
- *MSS Network Grooming User's Guide*: Provides information about the MSS Network Grooming tool.
- *MSS Technology Module Guide*: Describes each of the MetaSolv Solution technology modules.
- *MSS Data Selection Tool How-to Guide*: Provides an overview of the Data Selection Tool, and procedures on how it used to migrate the product catalog, equipment specifications, and provisioning plans from one release of your environment to another.
- *MSS Operational Reports*: Provides an overview of using Operational Reports and Business Objects with MSS, and procedures for running reports, updating universes, and simple maintenance.
- *MSS CORBA API Developer's Reference*: Describes how MetaSolv Solution APIs work, high-level information about each API, and instructions for using the APIs to perform specific tasks.
- *MSS Custom Extensions Developer's Reference*: Describes how to extend the MetaSolv Solution business logic with custom business logic through the use of custom extensions.

- *MSS XML API Developer's Reference*: Describes how to integrate MetaSolv Solution with other Oracle products, or with external applications, through the use of APIs.
- *MSS Flow-through Packages Guide*: Describes information and procedures you need to install and work with the flow-through packages provided by Oracle as an example of how to integrate MetaSolv Solution with ASAP for flow-through activation.

For step-by-step instructions for tasks you perform in MSS, log into the application to see the online Help.

## 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

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<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.

## Database Changes in 6.2.1 Patches

Table 1–1 lists the database changes that were included in 6.2.1 patches. The build number where the change was first introduced is referenced.

**Table 1–1 Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b240	13463161.SQL	Modify Columns	alter table ASAP.NETWORK_NODE modify IP_ADDRESS VarChar2(39)
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NETWORK_TYPE Char(1) null
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NODE_1 VarChar2(4) null
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NODE_2 VarChar2(4) null
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NODE_3 VarChar2(4) null
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NODE_4 VarChar2(4) null
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NODE_5 VarChar2(4) null
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NODE_6 VarChar2(4) null
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NODE_7 VarChar2(4) null
6.2.1.b240	13463161.SQL	New Columns	alter table ASAP.NI_IP_ADDR add IPV6NODE_8 VarChar2(4) null
6.2.1.b240	13949971.SQL	Modify Columns	alter table ASAP.SPECIAL_ACCESS modify PROFILE_EGRESS VarChar2(30) alter table ASAP.SPECIAL_ACCESS modify PROFILE_INGRESS VarChar2(30) alter table ASAP.ACI_SRSI modify PROFILE_EGRESS VarChar2(30) alter table ASAP.ACI_SRSI modify PROFILE_INGRESS VarChar2(30)

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b240	13949971.SQL	New Columns	alter table ASAP.SPECIAL_ACCESS add BUM_OPTION CHAR(1) null alter table ASAP.SPECIAL_ACCESS add BUNDLING_INDICATOR CHAR(1) null alter table ASAP.ACI_SRSI add BUM_OPTION CHAR(1) null alter table ASAP.ACI_SRSI add BUNDLING_INDICATOR CHAR(1) null alter table ASAP.EVC_UNI_MAP add OEC_TERMINATING VarChar2(4) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_1 CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_2 CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_3 CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_4 CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_5 CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_6 CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_7 CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_8 CHAR(1) null alter table ASAP.EVC_UNI_MAP add CUST_EDGE_VACT_9 CHAR(1) null
6.2.1.b296	14754431.SQL	Modify Columns	alter table ASAP.ITEM_SPEC_EQUIP_SPEC_REL Modify PRIORITY_SEQ NUMBER(3)
6.2.1.b296	14737246.SQL	Modify Columns	alter table ASAP.EVC_UNI_MAP modify STACKED_VLAN VarChar2(9)

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b296	14737246.SQL	New Columns	alter table ASAP.ACCESS_SERVICE_REQUEST add NETWORK_ACCESS_GROOM CHAR(1) null alter table ASAP.SPECIAL_ACCESS add LINK_AGGREGATION_GRP_PROTECT VarChar2(2) null alter table ASAP.CLARIFICATION_REQUEST add SUBSEQUENT_DISPATCH_INDICATOR CHAR(1) null alter table ASAP.FIRM_ORDER_CONFIRMATION add LINK_AGGREGATION_GROUP_ID VarChar2(24) null alter table ASAP.EVC_UNI_MAP add S_VACT CHAR(1) null alter table ASAP.EVC_UNI_MAP add S_VACT1 CHAR(1) null alter table ASAP.EVC_UNI_MAP add S_VLAN1 VarChar2(9) null alter table ASAP.EVC_UNI_MAP add S_VACT2 CHAR(1) null alter table ASAP.EVC_UNI_MAP add S_VLAN2 VarChar2(9) null alter table ASAP.EVC_DETAIL add SVLAN_ID_PRESERVATION CHAR(1) null
6.2.1.b337	14336877.SQL	Modify Columns	Alter Table ASAP.CUST_ACCT Modify (COMPANY_NAME VARCHAR2(125))
6.2.1.b337	14336877.SQL	Modify Columns	Alter Table ASAP.CUST_ACCT_ADDR Modify (COMPANY_NAME VARCHAR2(125))
6.2.1.b348	15900554.SQL	New Index	create index ASAP.IDX_DCDL_BLOCK_IND on ASAP.DLR_CIRCUIT_DESIGN_LINE (SUBSTR(block_ind,1,2)) tablespace INDEXES
6.2.1.b394	16627050.SQL	Modify Columns	alter table ASAP.ASR_CONTACT_INFORMATION modify BILLING_PHONE_NMBR VarChar2(17) alter table ASAP.ASR_CONTACT_INFORMATION modify INITIATOR_PHONE_NMBR VarChar2(17) alter table ASAP.ASR_CONTACT_INFORMATION modify DESIGNER_PHONE_NMBR VarChar2(17) alter table ASAP.ACCESS_BILLING_DATA modify CABS_BILL_CONTACT_PHONE VarChar2(17) alter table ASAP.FOC_EVC modify STACKED_VLAN VARCHAR2(9)
6.2.1.b394	16627050.SQL	New Columns	alter table ASAP.SPECIAL_ACCESS add SUPPLEMENTAL_BANDWIDTH VarChar2(7) null alter table ASAP.SPECIAL_ACCESS add SUPPLEMENTAL_BANDWIDTH_UOM CHAR(1) null alter table ASAP.SPECIAL_ACCESS add INDEPENDENT_CO_LOCATION VarChar2(8) null alter table ASAP.FIRM_ORDER_CONFIRMATION add NETWORK_FAC_REQUIRE_TYPE_1 CHAR(1) null alter table ASAP.FIRM_ORDER_CONFIRMATION add NETWORK_FAC_REQUIRE_TYPE_2 CHAR(1) null alter table ASAP.EVC_UNI_MAP add ENNI_INDICATOR CHAR(1) null alter table ASAP.FOC_EVC add S_VLAN1 VARCHAR2(9) null alter table ASAP.FOC_EVC add S_VLAN2 VARCHAR2(9) null



**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

<b>Release</b>	<b>Prodfixsql File</b>	<b>Change</b>	<b>SQL</b>
6.2.1.b654	16535471.SQL	New Synonym	CREATE PUBLIC SYNONYM SQ_ACU_LOG FOR ASAP:SQ_ACU_LOG
6.2.1.b654	16535471.SQL	New Index	CREATE INDEX PFXPK_ACT_END_USER_LOC ON DLR_CIRCUIT_DESIGN_LINE (END_USER_LOCATION_ID asc, LOCATION_ID asc) Tablespace INDEXES nologging
6.2.1.b696	18542980.SQL	New Columns	alter table ASAP.ACCESS_SERVICE_REQUEST add Switched_Ethernet_Indicator Char(1) null
6.2.1.b696	18542980.SQL	New Columns	alter table ASAP.FIRM_ORDER_CONFIRMATION add Ethernet_Service_Point NUMBER(9) null
6.2.1.b696	18542980.SQL	New Columns	alter table ASAP.EVC_UNI_MAP add Autonomous_System_Number VarChar2(5) null
6.2.1.b696	18542980.SQL	New Columns	alter table ASAP.EVC_UNI_MAP add VPN_Identifier_Activity Char(1) null
6.2.1.b696	18542980.SQL	New Columns	alter table ASAP.EVC_UNI_MAP add VPN_Identifier VarChar2(10) null

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b696	18542980.SQL	New Table	<pre>CREATE TABLE ASAP.Switched_Ethernet_Service ( DOCUMENT_NUMBER NUMBER(9) not null, SEC_NETWORK_CHANNEL_INTERFACE VarChar2(12) null, Special_Routing_Code_PriLoc Char(1) null, Special_Routing_Code_Io_Fac Char(1) null, Special_Routing_Code_Secloc Char(1) null, Supplemental_Bandwidth VarChar2(7) null, Supplemental_Bandwidth_Uom Char(1) null, BUM_option Char(1) null, Bundling_Indicator Char(1) null, Egress_Scheduler Char(1) null, Profile_Egress VarChar2(30) null, Profile_Ingress VarChar2(30) null, Link_Aggregation_Group_ID VarChar2(24) null, Link_Aggregation_Grp_Protect VarChar2(2) null, Diverse_Circuit_ID VarChar2(36) null, Diverse_PON VarChar2(16) null, Cross_Connect_Eq_Assign VarChar2(60) null, Gen_Exch_Tariff_Opt_ses Char(1) null, Gen_Exch_Tar_Opt_Bill_Tel_Nmbr VarChar2(10) null, GEN_EXCH_TARIFF_OPT_CONTACT_NM VarChar2(25) null, GEN_EXCHG_TARIFF_OPT_TEL_NBR VarChar2(14) null, IP_Address VarChar2(39) null, INT_PROTOCOL_ADDRESS_IDENT Char(1) null, Subnet_Mask VarChar2(15) null, Ethernet_Service_Point Number(9) null, Other_Exchange_Company VarChar2(4) null, LAST_MODIFIED_USERID VarChar2(20) not null, LAST_MODIFIED_DATE DATE not null ) tablespace DATA</pre>
6.2.1.b696	18542980.SQL	New Index	<pre>create unique index ASAP.PFXPK_SES on Switched_Ethernet_Service (DOCUMENT_NUMBER asc) tablespace INDEXES</pre>
6.2.1.b696	18542980.SQL	New Constraint	<pre>alter table ASAP.Switched_Ethernet_Service add constraint PFXPK_SES primary key (DOCUMENT_NUMBER)</pre>
6.2.1.b696	18542980.SQL	New Constraint	<pre>alter table ASAP.Switched_Ethernet_Service add constraint PFXFK_SES_ACC_SERV_REQ foreign key (DOCUMENT_NUMBER) references ACCESS_SERVICE_REQUEST (DOCUMENT_NUMBER)</pre>
6.2.1.b696	18542980.SQL	New Synonym	<pre>create public synonym Switched_Ethernet_Service for ASAP.Switched_Ethernet_Service</pre>
6.2.1.b738	19168504.SQL	Modify Columns	<pre>ALTER table ASAP.SERV_ITEM Modify TRUNK_SEG Varchar2(5)</pre>
6.2.1.b738	19168504.SQL	Modify Columns	<pre>ALTER table ASAP.SERV_REQ_SI Modify TRUNK_SEG Varchar2(5)</pre>

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b751	13341865.SQL	New Table	CREATE GLOBAL TEMPORARY TABLE map_circuit_pos_processed (circuit_id NUMBER(9,0), equipment_id NUMBER(9,0), port_address_seq NUMBER(9,0) ) ON COMMIT DELETE ROWS
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.SPECIAL_ACCESS add LAYER2_CTRL_PROTOCOL_PEERING VarChar2(25) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.SPECIAL_ACCESS add LAYER2_CTRL_PROTOCOL_ADDRESS VarChar2(5) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.SPECIAL_ACCESS add UNI_MAX_SERVICE_FRAME_SIZE VarChar2(5) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.ACI_SRSI add SYNCHRONOUS_MODE Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.ACI_SRSI add UNI_MAX_SERVICE_FRAME_SIZE VarChar2(5) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add HIGH_VOLTAGE_PROTECTION Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add LAYER2_CTRL_PROTOCOL_PEERING VarChar2(25) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add LAYER2_CTRL_PROTOCOL_ADDRESS VarChar2(5) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add SYNCHRONOUS_MODE Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add UNI_MAX_SERVICE_FRAME_SIZE VarChar2(5) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_UNI_MAP add BROADCAST_FRAME_DELIVERY Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_UNI_MAP add UNICAST_FRAME_DELIVERY Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_UNI_MAP add MULTICAST_FRAME_DELIVERY Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_DETAIL add CEVLAN_ID_PRESERVATION Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_DETAIL add CEVLAN_COS_PRESERVATION Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_DETAIL add MAX_SERVICE_FRAME_SIZE VarChar2(5) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_LVL_SERV add COMMITTED_INFO_RATE_INGRESS VarChar2(6) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_LVL_SERV add COMMITTED_INFO_RATE INGR_UOM Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_LVL_SERV add COMMITTED_BURST_SIZE_INGRESS VarChar2(7) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAPEVC_LVL_SERV add EXCESS_INFO_RATE_INGRESS VarChar2(6) null

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.EVC_LVL_SERV add EXCESS_INFO_RATE_INGRESS_UOM Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.EVC_LVL_SERV add EXCESS_BURST_SIZE_INGRESS VarChar2(7) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.EVC_LVL_SERV add COLOR_MODE_IDENTIFIER_INGRESS Char(1) null
6.2.1.b804	19856022.SQL	New Columns	alter table ASAP.EVC_LVL_SERV add BDW_COUPLING_FLAG_INGRESS Char(1) null
6.2.1.b849	20342947.SQL	New Columns	ALTER TABLE ASAP.EVENT ADD CUST_SQL_IND CHAR(1) DEFAULT "N"
6.2.1.b849	20342947.SQL	New Columns	ALTER TABLE ASAP.EVENT ADD CUST_SQL_EXPRESSION_VALUE VARCHAR2(4000)
6.2.1.b849	20342947.SQL	Modify Columns	ALTER TABLE ASAP.EVENT MODIFY CUST_SQL_IND CHAR(1) NOT NULL
6.2.1.870	18191708.SQL	New Columns	Alter Table ASAP.NST_CONFIGURATION_TYPE ADD DISABLE_DELETE_GRAPHICS Char(1) null
6.2.1.b914	20954197.SQL	Modify Columns	alter table ASAP.ACCESS_SERVICE_REQUEST modify CASE_NUMBER Varchar2(16)
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACCESS_SERVICE_REQUEST add END_USER_INDICATOR Char(1) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACCESS_SERVICE_REQUEST add PVC_IND Char(1) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACCESS_SERVICE_REQUEST add NBR_OF_PERM_VIRTUAL_CONN Varchar2(2) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACI_SRSI add OPTICAL_FIBER_CONN_PRILOC VarChar2(15) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACI_SRSI add OPTICAL_FIBER_CONN_SECLOC VarChar2(15) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACI_SRSI add IP_ADDRESS2 VarChar2(39) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACI_SRSI add INT_PROTOCOL_ADDRESS_IDENT2 Char(1) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACI_SRSI add SUBNET_MASK2 VarChar2(15) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACI_SRSI add ACCESS_CIRCUIT_ID VarChar2(42) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACI_SRSI add ETH_ACCESS_SUPPL_BANDWIDTH VarChar2(7) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.ACI_SRSI add ETH_ACCESS_SUPPL_BANDWIDTH_UOM Char(1) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add WORK_AUTH_CKT_DETAIL_LINK_1 VarChar2(36) null
6.2.1.b914	20954197.SQL	Modify Columns	alter table ASAP.RCONF_ECHO modify CASE_NUMBER VarChar2(16)
6.2.1.b914	20954197.SQL	New Columns	alter table EBOND.FOC_PROVIDER_CIRCUIT add ACCESS_CIRCUIT_ORDER_NUMBER VarChar2(17) null

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

<b>Release</b>	<b>Prodfixsql File</b>	<b>Change</b>	<b>SQL</b>
6.2.1.b914	20954197.SQL	New Columns	alter table EBOND.FOC_PROVIDER_CIRCUIT add ACCESS_CIRCUIT_ID VarChar2(42) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.END_USER_LOCATION_USAGE add OPTICAL_FIBER_CONN VarChar2(15) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.EVC_DETAIL add EGRESS_PROFILE_SELECTION VarChar2(30) null
6.2.1.b914	20954197.SQL	New Columns	alter table ASAP.EVC_UNI_MAP add VPN_NAME VarChar2(30) null
6.2.1.b914	20954197.SQL	Drop Constraint	alter table ASAP.FOC_EVC_DETAIL drop constraint PFXFK_EVC_DETAIL__FOC_EVC_DET
6.2.1.b914	20954197.SQL	Modify Columns	alter table ASAP.SERV_REQ modify CASE_NUMBER Varchar2(16)

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b914	20954197.SQL	New Table	<pre>CREATE TABLE ASAP.DEDICATED_INTERNET_SERVICE ( DOCUMENT_NUMBER NUMBER(9,0) not null, SEC_NETWORK_CHANNEL_INTERFACE VarChar2(12) null, SPECIAL_ROUTING_CODE_PRILOC Char(1) null, SPECIAL_ROUTING_CODE_IO_FAC Char(1) null, SPECIAL_ROUTING_CODE_SECLOC Char(1) null, SUPPLEMENTAL_BANDWIDTH VarChar2(7) null, SUPPLEMENTAL_BANDWIDTH_UOM Char(1) null, ETH_ACCESS_SUPPL_BANDWIDTH VarChar2(7) null, ETH_ACCESS_SUPPL_BANDWIDTH_UOM Char(1) null, ACCESS_TYPE VARCHAR2(12) null, LINK_AGGREGATION_GROUP_ID VarChar2(24) null, LINK_AGGREGATION_GRP_PROTECT VarChar2(2) null, ROUTER Number(9,0) null, PROFILE_EGRESS VarChar2(30) null, AUTONOMOUS_SYSTEM_NUMBER Varchar2(10) null, INT_PROTOCOL_ADDRESS_IDENT Char(1) null, IP_ADDRESS VarChar2(39) null, SUBNET_MASK VarChar2(15) null, INT_PROTOCOL_ADDRESS_IDENT_2 Char(1) null, IP_ADDRESS_2 VarChar2(39) null, SUBNET_MASK_2 VarChar2(15) null, CROSS_CONNECT_EQ_ASSIGN VarChar2(60) null, GEN_EXCH_TARIFF_OPT_DIS Char(1) null, GEN_EXCH_TAR_OPT_BILL_TEL_NMBR VarChar2(10) null, GEN_EXCH_TARIFF_OPT_CONTACT_NM VarChar2(25) null, GEN_EXCHG_TARIFF_OPT_TEL_NBR VarChar2(14) null, DIVERSE_CIRCUIT_ID VarChar2(36) null, DIVERSE_PON VarChar2(16) null, SECLOC Number(9,0) null, OTHER_EXCHANGE_COMPANY VarChar2(4) null, LAST_MODIFIED_USERID VarChar2(8) not null, LAST_MODIFIED_DATE DATE not null ) tablespace DATA</pre>
6.2.1.b914	20954197.SQL	New Index	<pre>create unique index ASAP.PFXPK_DIS on DEDICATED_ INTERNET_SERVICE (DOCUMENT_NUMBER asc) tablespace INDEXES</pre>
6.2.1.b914	20954197.SQL	New Constraint	<pre>alter table ASAP.DEDICATED_INTERNET_SERVICE add constraint PFXPK_DIS primary key (DOCUMENT_NUMBER)</pre>
6.2.1.b914	20954197.SQL	New Constraint	<pre>alter table ASAP.DEDICATED_INTERNET_SERVICE add constraint PFXFK_DIS__ACC_SERV_REQ foreign key (DOCUMENT_NUMBER) references ACCESS_SERVICE_ REQUEST (DOCUMENT_NUMBER)</pre>

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.DEDICATED_INTERNET_SERVICE add constraint PFXFK_DIS__NET_LOC_ROUTER foreign key (ROUTER) references NETWORK_LOCATION (LOCATION_ID)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.DEDICATED_INTERNET_SERVICE add constraint PFXFK_DIS__NET_LOC_SECLOC foreign key (SECLOC) references NETWORK_LOCATION (LOCATION_ID)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.DEDICATED_INTERNET_SERVICE add constraint PFXFK_DIS__NCI_SECNCI foreign key (SEC_NETWORK_CHANNEL_INTERFACE) references NETWORK_CHANNEL_INTERFACE (NETWORK_CHANNEL_INTERFACE_CODE)
6.2.1.b914	20954197.SQL	New Synonym	create public synonym DEDICATED_INTERNET_SERVICE for ASAP.DEDICATED_INTERNET_SERVICE
6.2.1.b914	20954197.SQL	New Table	CREATE TABLE ASAP.PRIVATE_INTERNET_PROTOCOL ( DOCUMENT_NUMBER NUMBER(9,0) not null, SEC_NETWORK_CHANNEL_INTERFACE VarChar2(12) null, SPECIAL_ROUTING_CODE_PRILOC Char(1) null, SPECIAL_ROUTING_CODE_IO_FAC Char(1) null, SPECIAL_ROUTING_CODE_SECLOC Char(1) null, ACCESS_TYPE VARCHAR2(12) null, INT_PROTOCOL_ADDRESS_IDENT Char(1) null, INT_PROTOCOL_ADDRESS_IDENT_2 Char(1) null, ETH_ACCESS_SUPPL_BANDWIDTH VarChar2(7) null, ETH_ACCESS_SUPPL_BANDWIDTH_UOM Char(1) null, LINK_MGMT_PROTOCOL Char(1) null, ROUTER Number(9,0) null, EGRESS_SCHEDULER Char(1) null, PROFILE_EGRESS VarChar2(30) null, ACCESS_CIRCUIT_ID VarChar2(42) null, CROSS_CONNECT_EQ_ASSIGN VarChar2(60) null, GEN_EXCH_TARIFF_OPT_PIP Char(1) null, GEN_EXCH_TAR_OPT_BILL_TEL_NMBR VarChar2(10) null, GEN_EXCH_TARIFF_OPT_CONTACT_NM VarChar2(25) null, GEN_EXCHG_TARIFF_OPT_TEL_NBR VarChar2(14) null, DIVERSE_CIRCUIT_ID VarChar2(36) null, DIVERSE_PON VarChar2(16) null, SECLOC Number(9,0) null, OTHER_EXCHANGE_COMPANY VarChar2(4) null, LAST_MODIFIED_USERID VarChar2(8) not null, LAST_MODIFIED_DATE DATE not null) tablespace DATA
6.2.1.b914	20954197.SQL	New Index	create unique index ASAP.PFXPK_PIP on PRIVATE_INTERNET_PROTOCOL (DOCUMENT_NUMBER asc) tablespace INDEXES

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PRIVATE_INTERNET_PROTOCOL add constraint PFXPK_PIP primary key (DOCUMENT_NUMBER)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PRIVATE_INTERNET_PROTOCOL add constraint PFXFK_PIP__ACC_SERV_REQ foreign key (DOCUMENT_NUMBER) references ACCESS_SERVICE_REQUEST (DOCUMENT_NUMBER)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PRIVATE_INTERNET_PROTOCOL add constraint PFXFK_PIP__NET_LOC_ROUTER foreign key (ROUTER) references NETWORK_LOCATION (LOCATION_ID)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PRIVATE_INTERNET_PROTOCOL add constraint PFXFK_PIP__NET_LOC_SECLOC foreign key (SECLOC) references NETWORK_LOCATION (LOCATION_ID)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PRIVATE_INTERNET_PROTOCOL add constraint PFXFK_PIP__NCI_SECNCI foreign key (SEC_NETWORK_CHANNEL_INTERFACE) references NETWORK_CHANNEL_INTERFACE (NETWORK_CHANNEL_INTERFACE_CODE)
6.2.1.b914	20954197.SQL	New Synonym	create public synonym PRIVATE_INTERNET_PROTOCOL for ASAP.PRIVATE_INTERNET_PROTOCOL, 40, 'CREATE TABLE ASAP.PVC_COMMON ( DOCUMENT_NUMBER NUMBER(9,0) not null, PVC_COMMON_ID NUMBER(9,0) not null, NETWORK_CHANNEL_SERVICE_CODE VarChar2(2) null, NETWORK_CHANNEL_OPTION_CODE VarChar2(2) null, NETWORK_CHANNEL_INTERFACE_CODE VarChar2(12) null, RELATED_PORT_IDENTIFIER VarChar2(28) null, LAST_MODIFIED_USERID VarChar2(8) not null, LAST_MODIFIED_DATE DATE not null) tablespace DATA
6.2.1.b914	20954197.SQL	New Index	create unique index ASAP.PFXPK_PVC_COMMON on PVC_COMMON (DOCUMENT_NUMBER asc, PVC_COMMON_ID asc) tablespace INDEXES
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PVC_COMMON add constraint PFXPK_PVC_COMMON primary key (DOCUMENT_NUMBER, PVC_COMMON_ID)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PVC_COMMON add constraint PFXFK_PVC_COM__ACC_SERV_REQ foreign key (DOCUMENT_NUMBER) references ACCESS_SERVICE_REQUEST (DOCUMENT_NUMBER)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PVC_COMMON add constraint PFXFK_PVC_COM__NE_CH_OP foreign key (NETWORK_CHANNEL_SERVICE_CODE,NETWORK_CHANNEL_OPTION_CODE) references NETWORK_CHANNEL_OPTION (NETWORK_CHANNEL_SERVICE_CODE,NETWORK_CHANNEL_OPTION_CODE)
6.2.1.b914	20954197.SQL	New Constraint	alter table ASAP.PVC_COMMON add constraint PFXFK_PVC_COM__NCI foreign key (NETWORK_CHANNEL_INTERFACE_CODE) references NETWORK_CHANNEL_INTERFACE (NETWORK_CHANNEL_INTERFACE_CODE)







**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.b914	20661032.SQL	New Synonym	CREATE PUBLIC SYNONYM SQ_ASR_SUPPLEMENT_HISTORY FOR ASAP.SQ_ASR_SUPPLEMENT_HISTORY
6.2.1.b914	20661032.SQL	New Columns	alter table ASAP.SERV_REQ add SR_AUDIT_IND Char(1) null
6.2.1.1005	21958448.sql	New Columns	alter table ASAP.ACCESS_SERVICE_REQUEST add WIRELESS_SITE_IND_PRILOC Char(1) null
6.2.1.1005	21958448.sql	Modify Columns	alter table ASAP.ACCESS_SERVICE_REQUEST modify BILLING_ACCOUNT_NUMBER Varchar2(13)
6.2.1.1005	21958448.sql	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add COLOR_IDENTIFIER Varchar2(3) null
6.2.1.1005	21958448.sql	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add MULTI_CHAS_LINK_AGGR_GROUP Char(1) null
6.2.1.1005	21958448.sql	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add MULTI_CHAS_LINK_AGGR_GROUP_ID VarChar2(24) null
6.2.1.1005	21958448.sql	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add MULTI_CHAS_LINK_AGGR_GROUP_P VarChar2(2) null
6.2.1.1005	21958448.sql	Modify Columns	alter table ASAP.FIRM_ORDER_CONFIRMATION modify BILLING_ACCOUNT_NUMBER Varchar2(13)
6.2.1.1005	21958448.sql	New Columns	alter table ASAP.FIRM_ORDER_CONFIRMATION add MULTI_CHAS_LINK_AGGR_GROUP_ID VarChar2(24) null
6.2.1.1005	21958448.sql	Modify Columns	alter table ASAP.END_USER_LOCATION_USAGE modify ALT_ACC_TEL_NBR VarChar2(17)
6.2.1.1005	21958448.sql	Modify Columns	alter table ASAP.END_USER_LOCATION_USAGE modify ALT_CONTACT_TEL_NBR VarChar2(17)
6.2.1.1005	21958448.sql	Modify Columns	alter table ASAP.END_USER_LOCATION_USAGE modify ADDL_ALT_CONTACT_TEL_NBR VarChar2(17)
6.2.1.1005	21958448.sql	New Columns	alter table ASAP.EVC_LVL_SERV add PRIORITY_BIT_COLOR_INGRESS VarChar2(8) null
6.2.1.1005	21958448.sql	New Columns	alter table ASAP.EVC_LVL_SERV add PRIORITY_BIT_COLOR_EGRESS VarChar2(2) null
6.2.1.1005	21958448.sql	Modify Columns	alter table ASAP.ACCESS_PROVIDER_ROLE modify BILLING_ACCOUNT_NUMBER VarChar2(13)
6.2.1.1005	21958448.sql	Modify Columns	alter table ASAP.ACCESS_BILLING_CIRCUIT_DATA modify CABS_BILLING_NUMBER VarChar2(13)
6.2.1.1005	21958448.sql	Modify Columns	alter table ASAP.ACCESS_BILLING_DATA modify BILLING_ACCOUNT_NUMBER VarChar2(13)
6.2.1.1039	22239114.sql	New Columns	ALTER TABLE ASAP.TEL_NUM_CATEGORY_TYPE_SUBTYPE ADD ASSIGNABLE_IND CHAR(1) DEFAULT 'Y'
6.2.1.1067	23220010.sql	New Columns	alter table ASAP.ACI_SRSI add RELATED_CIRCUIT_ID VarChar2(28) null
6.2.1.1067	23220010.sql	New Columns	alter table ASAP.ACI_SRSI add POWER_TYPE_AND_VOLTAGE
6.2.1.1067	23220010.sql	New Columns	alter table ASAP.SPECIAL_ACCESS add RELATED_CIRCUIT_ID Varchar2(28) null
6.2.1.1067	23220010.sql	New Columns	alter table ASAP.SPEC_ACCESS_AND_LINE_DETAIL add RELATED_CIRCUIT_ID Varchar2(28) null

**Table 1–1 (Cont.) Database Changes in 6.2.1 Patches**

Release	Prodfixsql File	Change	SQL
6.2.1.1067	23220010.sql	New Columns	alter table ASAP.SWITCHED_ETHERNET_SERVICE add POWER_TYPE_AND_VOLTAGE VarChar2(5) null
6.2.1.1135	24786270.sql	New Columns	alter table ASAP.ASR_CONTACT_INFORMATION add SITE_CONTACT_NAME VarChar2(15) null
6.2.1.1135	24786270.sql	New Columns	alter table ASAP.ASR_CONTACT_INFORMATION add SITE_PHONE_NMBR Varchar2(17) null
6.2.1.1135	24786270.sql	New Columns	alter table ASAP.ASR_CONTACT_INFORMATION add SITE_EMAIL_ADDR Varchar2(60) null
6.2.1.1135	24921842.sql	Modify Columns	ALTER TABLE ASAP.EQUIPMENT MODIFY WORK_ORDER_NUMBER VARCHAR2(17)
6.2.1.1135	24756742.sql	Drop Index	DROP INDEX ASAP.SYS_C0054464
6.2.1.1182	25509095.sql	New Columns	ALTER TABLE ASAP.EQUIPMENT_SPEC ADD EQUIP_SPEC_CREATE_DATE DATE
6.2.1.1182	25529139.sql	Modify Columns	ALTER TABLE ASAP.CHECKPOINT_RESTART MODIFY (LAST_ROW_SAVED VarChar2(7))
6.2.1.1182	25542417.sql	New Columns	ALTER TABLE ASAP.DESIGN ADD ACCESS_CUST_TERMINAL_LOCATION VarChar2(20) null
6.2.1.1182	25542417.sql	New Columns	ALTER TABLE ASAP.DESIGN ADD ADDITIONAL_POINT_OF_TERMINATIO VarChar2(20)
6.2.1.1182	25542417.sql	New Columns	ALTER TABLE ASAP.DESIGN ADD NETWORK_CHANNEL_CODE VarChar2(4)
6.2.1.1182	25542417.sql	New Columns	ALTER TABLE ASAP.DESIGN ADD NETWORK_CHANNEL_OPTION_CODE VarChar2(2)
6.2.1.1182	25542417.sql	New Columns	ALTER TABLE ASAP.DESIGN ADD NETWORK_CHANNEL_INTERFACE_CODE VarChar2(12)
6.2.1.1182	25542417.sql	New Columns	ALTER TABLE ASAP.DESIGN ADD SEC_NETWORK_CHANNEL_INTERFACE VarChar2(12)
6.2.1.1182	25962277.sql	Modify Columns	alter table asap.circuit_position modify (ADDITIONAL_ASSIGNMENT_SEQ_NBR number(3))
6.2.1.1182	25962277.sql	Modify Columns	alter table asap.dlr_notes modify (DLR_NOTES_SEQUENCE_NBR number(5))



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## Database Changes in 6.2.1 GA

[Table 2–1](#) lists the database changes that were included in 6.0.16 and 6.2.0 patches, and the 6.2.1 release. There were no database changes made in the 6.0.15 patches. For changes delivered in patches, the build number where the change was first introduced is referenced. If you have installed 6.0.x or 6.2, refer to the build number to determine if you have already implemented the changes that are listed.



**Table 2–1 (Cont.) Database Changes in 6.0.16 and 6.2.0 Patches, and the 6.2.1 Release**

Release	Prodfixsql File	Change	SQL
6.2.0.b210	12328184.sql	New Table	<pre> CREATE TABLE ASAP.STD_ITEM_EQUIP_SPEC_REL ( ITEM_TYPE_CD VARCHAR2(10 BYTE) NOT NULL, ITEM_CD VARCHAR2(10 BYTE) NOT NULL, ITEM_SEQ NUMBER(3,0) NOT NULL, EQUIPMENT_SPEC_ID NUMBER(9,0) NOT NULL, SIESR_SEQ NUMBER(3,0) NOT NULL, LAST_MODIFIED_DATE DATE NOT NULL, LAST_MODIFIED_USERID VARCHAR2(32 BYTE) NOT NULL, CONSTRAINT PK_STD_ITEM_EQUIP_SPEC_REL PRIMARY KEY (ITEM_TYPE_CD, ITEM_CD, ITEM_SEQ, SIESR_SEQ), CONSTRAINT FK_ST_IT_EQ_SP_REL_EQ_SP FOREIGN KEY (EQUIPMENT_SPEC_ID) REFERENCES ASAP.EQUIPMENT_SPEC (EQUIPMENT_SPEC_ID), CONSTRAINT FK_ST_IT_EQ_SP_REL_ST_IT FOREIGN KEY (ITEM_TYPE_CD, ITEM_CD, ITEM_SEQ) REFERENCES ASAP.STD_ITEM (ITEM_TYPE_CD, ITEM_ CD, ITEM_SEQ)) / </pre>
6.2.0.b210	12328184.sql	New Index	<pre> CREATE INDEX ASAP.FKIDX_ST_IT_EQ_SP_REL_EQ_SP ON ASAP.STD_ITEM_EQUIP_SPEC_REL (EQUIPMENT_ SPEC_ID) /  CREATE UNIQUE INDEX ASAP.PK_STD_ITEM_EQUIP_ SPEC_REL ON ASAP.STD_ITEM_EQUIP_SPEC_REL (ITEM_TYPE_CD, ITEM_CD, ITEM_SEQ, SIESR_SEQ) / </pre>
6.2.0.b213	11070076A.sql	New Columns	<pre> alter table ASAP.EVENT add EXPRESSION_VALUE VarChar2(4000) null / </pre>

**Table 2-1 (Cont.) Database Changes in 6.0.16 and 6.2.0 Patches, and the 6.2.1 Release**

Release	Prodfixsql File	Change	SQL
6.2.0.b217	12325004.sql	New Columns	<pre> alter table ASAP.SPECIAL_ACCESS add INT_PROTOCOL_ADDRESS_IDENT Char(1) null / alter table ASAP.SPECIAL_ACCESS add EGRESS_SCHEDULER Char(1) null / alter table ASAP.SPECIAL_ACCESS add PROFILE_EGRESS VarChar2(25) null / alter table ASAP.SPECIAL_ACCESS add PROFILE_INGRESS VarChar2(25) null / alter table ASAP.ASR_SRSI add INT_PROTOCOL_ADDRESS_IDENT Char(1) null / alter table ASAP.ACI_SRSI add INT_PROTOCOL_ADDRESS_IDENT Char(1) null / alter table ASAP.ACI_SRSI add EGRESS_SCHEDULER Char(1) null / alter table ASAP.ACI_SRSI add PROFILE_EGRESS VarChar2(25) null / alter table ASAP.ACI_SRSI add PROFILE_INGRESS VarChar2(25) null / alter table ASAP.FIRM_ORDER_CONFIRMATION add FRAME_DUE_TIME VarChar2(6) null / alter table ASAP.FIRM_ORDER_CONFIRMATION add TIME_ZONE_CODE CHAR(1) null / alter table ASAP.FIRM_ORDER_CONFIRMATION add CONF_BRIDGE_TEL_NO VarChar2(10) null / alter table ASAP.FIRM_ORDER_CONFIRMATION add CONF_BRIDGE_PASSCODE VarChar2(15) null / alter table ASAP.ASR_CONTACT_INFORMATION add MAINT_CONTACT_EMAIL VarChar2(60) null / </pre>

**Table 2–1 (Cont.) Database Changes in 6.0.16 and 6.2.0 Patches, and the 6.2.1 Release**

Release	Prodfixsql File	Change	SQL
6.2.0.b217	12325004.sql	Modify Columns	<pre> alter table ASAP.SPECIAL_ACCESS modify IP_ADDRESS VarChar2(39) / alter table ASAP.ASR_SRSI modify IP_ADDRESS VarChar2(39) / alter table ASR_CONTACT_INFORMATION modify CONF_ BRIDGE_TEL_NO Varchar2(10) / alter table ASAP.ACI_SRSI modify IP_ADDRESS VarChar2(39) / </pre>
6.2.0.b251	13331576.sql	New Columns	<pre> alter table ASAP.ACCESS_SERVICE_REQUEST add LOCATION_ID_JPR NUMBER(9) null / alter table ASAP.ACCESS_SERVICE_REQUEST add EARLY_DATE_ACCEPTANCE Char(1) null / alter table ASAP.FIRM_ORDER_CONFIRMATION add NETWORK_FACILITY_REQUIREMENT Char(1) null / alter table ASAP.END_USER_LOCATION_USAGE add LOCAL_CONTACT_EMAIL VarChar2(60) null / alter table ASAP.END_USER_LOCATION_USAGE add ADDL_ALT_CONTACT_TEL_NBR VarChar2(14) null / alter table ASAP.END_USER_LOCATION_USAGE add ALT_LOCAL_CONTACT_EMAIL VarChar2(60) null / alter table ASAP.EVC_UNI_MAP add EVC_MEET_POINT_ ID VarChar2(42) null / </pre>
6.2.0.b251	13331576.sql	Modify Columns	<pre> alter table ASAP.END_USER_LOCATION_USAGE modify ADDITIONAL_LOCATION_DETAILS VarChar2(150) / </pre>

**Table 2–1 (Cont.) Database Changes in 6.0.16 and 6.2.0 Patches, and the 6.2.1 Release**

Release	Prodfixsql File	Change	SQL
6.2.1 GA	10071290. sql	New Table	<pre> alter table TASK add ( TASK_LABEL_2 VarChar2(255) null, TASK_LABEL_3 VarChar2(255) null, TASK_LABEL_4 VarChar2(255) null, TASK_LABEL_5 VarChar2(255) null, TASK_LABEL_6 VarChar2(255) null, TASK_LABEL_7 VarChar2(255) null, TASK_LABEL_8 VarChar2(255) null, TASK_LABEL_9 VarChar2(255) null, TASK_LABEL_10 VarChar2(255) null, TASK_LABEL_11 VarChar2(255) null, TASK_LABEL_12 VarChar2(255) null, TASK_LABEL_13 VarChar2(255) null, TASK_LABEL_14 VarChar2(255) null, TASK_LABEL_15 VarChar2(255) null, TASK_LABEL_16 Date null, TASK_LABEL_17 Date null, TASK_LABEL_18 Date null, TASK_LABEL_19 Date null, TASK_LABEL_20 Date null ) / </pre>

**Table 2–1 (Cont.) Database Changes in 6.0.16 and 6.2.0 Patches, and the 6.2.1 Release**

Release	Prodfixsql File	Change	SQL
6.2.1 GA	10071290.sql	Modify Columns	alter table TASK modify TASK_LABEL VarChar2(255) /
6.2.1 GA	11732166.sql	New Columns	ALTER TABLE TASK ADD ( EXPEDITED_COMPLETION_DAYS NUMBER(2,0), EXPEDITED_COMPLETION_HOURS NUMBER(2,0), EXPEDITED_COMPLETION_MINUTES NUMBER(2,0) ) / ALTER TABLE PROVISIONING_PLAN_TASK ADD ( EXPEDITED_COMPLETION_DAYS NUMBER(2,0), EXPEDITED_COMPLETION_HOURS NUMBER(2,0), EXPEDITED_COMPLETION_MINUTES NUMBER(2,0) ) / ALTER TABLE BEHAVIOR_TASK_TYPE ADD ( EXPEDITED_COMPLETION_DAYS NUMBER(2,0), EXPEDITED_COMPLETION_HOURS NUMBER(2,0), EXPEDITED_COMPLETION_MINUTES NUMBER(2,0) ) /
6.2.1 GA	11904365.sql	New Columns	ALTER TABLE ASAP.GT_DSG_TRANS_CKT_CKT_POS ADD ( CKT_ALLOCATION_PARAMS VARCHAR2(100), NST_COMP_TYPE_CON_ID NUMBER(9) ) /



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## Database Changes in 6.2

[Table 3–1](#) lists the database changes that were included in 6.0.15 and 6.0.16 patches, and the 6.2.0 release. For changes delivered in patches, the build number where the change was first introduced is referenced. If you have installed 6.0.x, refer to the build number to determine if you have already implemented the changes that are listed.

**Table 3–1 Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.15.b256	CR119347.sql	New Table	<pre> alter table INTEGRATION_EVENT_STATUS drop constraint FK_IN_EV_ST_SR_GA_EV / alter table INTEGRATION_EVENT_STATUS add constraint FK_IN_EV_ST_SR_GA_EV foreign key (SRSI_GATEWAY_EVENT_ID, SRSI_ DOCUMENT_NUMBER, SRSI_SERV_ITEM_ID,SRSI_TASK_ NUMBER) references SRSI_GATEWAY_EVENT (GATEWAY_EVENT_ID, DOCUMENT_NUMBER,SERV_ ITEM_ID, TASK_NUMBER) ON DELETE CASCADE' / </pre>
6.0.15.b645	9462631.sql	Modify Columns	<pre> alter table ASSIGNED_TEL_NUM modify (ATN_ID Number(10,0)) / alter table ATN_CNAM modify (ATN_ID Number (10,0)) / alter table ATN_LIDB modify (ATN_ID Number (10,0)) / alter table ATN_PIC modify (ATN_ID Number (10,0)) / alter table ATN_RCF_NP_INFO modify (ATN_ID Number (10,0)) / alter table INTERCEPT_INFO modify (ATN_ID Number (10,0)) / alter table SPLIT_INTERCEPT modify (ATN_ID Number (10,0)) / alter table NI_ASSIGNED_ITN modify (NI_ATN_ID NUMBER(10,0)) / </pre>
6.0.15.b714	10041045.sql	Modify Columns	<pre> alter table NI_IP_RULE modify (NI_USE_NBR_CD Number(4)) / alter table NI_USE_GRP_NBR_INV modify (NI_USE_NBR_ CD Number(4)) / alter table NI_USE_GRP_FUNCT_AREA modify (NI_USE_ NBR_CD Number(4)) / alter table NI_USE modify (NI_USE_NBR_CD Number(4)) / </pre>

**Table 3–1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.15.b736	8374339.sql	Modify Columns	alter table ASAP.SERV_REQ add NPA VarChar2(3) null / alter table ASAP.SERV_REQ add NXX VarChar2(3) null /
6.0.16.b226	Bug7632057.sql	New Columns	alter table ACL_SRSI add TELECOM_SERVICE_PRIORITY VarChar2(12) null /
6.0.16.b309	B8200289.sql	New Columns	alter table NS_NETWORK_SYSTEM add NS_PROTECT_TYPE VarChar2(15) null /
6.0.16.b317	8448397.sql	New Columns	alter table SPECIAL_ACCESS add SWITCHED_ETHERNET_INDICATOR Char(1) null / alter table TQ_SAC_ACTIVITY_INFORMATION add SERVICE_ACCESS_CODE Number(3) null /
6.0.16.b348	8760811.sql	New Table	create table DEFAULT_OPA_CRITERIA ( GA_INSTANCE_ID_ORIG Number(9) not null, GA_INSTANCE_ID_TERM Number(9) not null, INCLUDE_CRITERIA VarChar2 (200) null, EXCLUDE_CRITERIA VarChar2 (200) null, LAST_MODIFIED_USERID VarChar2 (8) not null, LAST_MODIFIED_DATE Date not null ) Tablespace DATA /

**Table 3-1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.16.b348	8760811.sql	New Constraint	<pre> alter table DEFAULT_OPA_CRITERIA add constraint PFXPK_DEFAULT_OPA_CRITERIA primary key (GA_INSTANCE_ID_ORIG, GA_INSTANCE_ID_TERM) / alter table DEFAULT_OPA_CRITERIA add constraint PFXFK_DEF_OPA_CRIT__GA_INST1 foreign key (GA_INSTANCE_ID_ORIG) references GA_INSTANCE (GA_INSTANCE_ID) / alter table DEFAULT_OPA_CRITERIA add constraint PFXFK_DEF_OPA_CRIT__GA_INST2 foreign key (GA_INSTANCE_ID_TERM) references GA_INSTANCE (GA_INSTANCE_ID) / </pre>
6.0.16.b348	8760811.sql	New Synonym	<pre> Create Public Synonym DEFAULT_OPA_CRITERIA for asap.DEFAULT_OPA_CRITERIA / </pre>
6.0.16.b384	9023783.sql	New Table	<pre> create table PARTITION_GROUP ( PARTITION_GROUP_ID Number(9) not null, PARTITION_GROUP_NAME VarChar2 (30) not null, PARTITION_GROUP_DESC VarChar2 (100) null, SYSTEM_IND Char (1) not null, LAST_MODIFIED_USERID VarChar2 (32) not null, LAST_MODIFIED_DATE Date not null ) Tablespace DATA /  create table PARTITION_SECURITY_USERS ( PARTITION_GROUP_ID Number(9) not null, NAME VarChar2 (16) not null, STATUS Char (1) not null, LAST_MODIFIED_USERID VarChar2 (32) not null, LAST_MODIFIED_DATE Date not null ) Tablespace DATA / </pre>

**Table 3–1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.16.b384	9023783.sql	New Columns	alter table CIRCUIT add PARTITION_GROUP_ID Number(9) null / alter table NS_NETWORK_SYSTEM add PARTITION_GROUP_ID Number(9) null / alter table EQUIPMENT add PARTITION_GROUP_ID Number(9) null / alter table TFC_NETWORK add PARTITION_GROUP_ID Number(9) null /



**Table 3–1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.16.b384	9023783.sql	New Synonym	<pre> Create Public Synonym PARTITION_GROUP for ASAP.PARTITION_GROUP / Create Public Synonym PARTITION_SECURITY_USERS for ASAP.PARTITION_SECURITY_USERS / Create Public Synonym SQ_PARTITION_GROUP for ASAP.SQ_PARTITION_GROUP / </pre>
6.0.16.b484	9559056.sql	New Table	<pre> create table FOC_EVC_DETAIL ( DOCUMENT_NUMBER Number(9) not null, EVC_NBR VarChar2 (4) not null, FOC_DESIGN_ID Number(9) not null, EVC_ID VarChar2 (28) null, EVC_ORD VarChar2 (17) null, EVC_CKR VarChar2 (53) null, LAST_MODIFIED_USERID VarChar2 (32) not null, LAST_MODIFIED_DATE Date not null ) Tablespace DATA / </pre>

**Table 3-1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.16.b484	9559056.sql	New Columns	<pre> alter table ACCESS_SERVICE_REQUEST add SERVICE_RESERVATION_NUMBER VarChar2 (15) null / alter table ACCESS_SERVICE_REQUEST add SECONDARY_CONNECT_FAC_USE Char (1) null / alter table SPECIAL_ACCESS add DIVERSE_CIRCUIT_ID VarChar2(36) null / alter table SPECIAL_ACCESS add DIVERSE_PON VarChar2(16) null / alter table ACI_SRSI add SECONDARY_CONNECT_FAC_USE Char(1) null / alter table ACI_SRSI add DIVERSE_CIRCUIT_ID VarChar2(36) null / alter table ACI_SRSI add DIVERSE_PON VarChar2(16) null / alter table ACI_SRSI add IP_ADDRESS VarChar2(15) null / alter table ACI_SRSI add SUBNET_MASK VarChar2(15) null / alter table ACR_SRSI add IP_ADDRESS VarChar2(15) null / alter table ACR_SRSI add SUBNET_MASK VarChar2(15) null / alter table FIRM_ORDER_CONFIRMATION add SERVICE_RESERVATION_NUMBER VarChar2(15) null / alter table EVC_DETAIL add EVC_CKR VarChar2(53) null / alter table EVC_UNI_MAP add ASSOC_UNI_NNI_TERM Char(1) null / </pre>

**Table 3–1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.16.b484	9559056.sql	New Constraint	alter table FOC_EVC_DETAIL add constraint PFXPK_FOC_EVC_DETAIL primary key (DOCUMENT_NUMBER, EVC_NBR) / alter table FOC_EVC_DETAIL add constraint PFXFK_EVC_DETAIL__FOC_EVC_DET foreign key (DOCUMENT_NUMBER, EVC_NBR) references EVC_DETAIL (DOCUMENT_NUMBER, EVC_ NBR) / /
6.0.16.b484	9559056.sql	New Synonym	Create Public Synonym FOC_EVC_DETAIL for ASAP.FOC_ EVC_DETAIL / /
6.0.16.b495	9692262_SAC.sql	Modify Columns	alter table TQ_SAC_ACTIVITY_INFORMATION modify SERVICE_ACCESS_CODE Number(3) NOT NULL / alter table TQ_SAC_NXX add SERVICE_ACCESS_CODE Number(3) not null / alter table TQ_SAC_ACTIVITY_INFORMATION modify (SAC_ACTIVITY_NUMBER NULL) / alter table TQ_SAC_NXX modify (SAC_ACTIVITY_ NUMBER NULL) / /

**Table 3–1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.16.b495	9692262_SAC.sql	Modify Constraints	<pre> alter table TQ_SAC_ACTIVITY_INFORMATION Drop constraint PK_TQ_SAC_ACTIVITY_INFORMATION / alter table TQ_SAC_ACTIVITY_INFORMATION Add constraint PK_TQ_SAC_ACTIVITY_INFORMATION primary key (DOCUMENT_NUMBER, SERVICE_ ACTIVITY_ACTION, SERVICE_ACCESS_CODE) / alter table TQ_SAC_NXX Drop constraint FK_TSN_SAC_ NXX / alter table TQ_SAC_NXX add constraint FK_TSN_SAC_NXX foreign key (DOCUMENT_NUMBER, SERVICE_ACTIVITY_ ACTION, SERVICE_ACCESS_CODE) references TQ_SAC_ ACTIVITY_INFORMATION (DOCUMENT_NUMBER, SERVICE_ACTIVITY_ACTION, SERVICE_ACCESS_CODE) / alter table TQ_SAC_NXX Drop constraint PK_TQ_SAC_NXX / alter table TQ_SAC_NXX Add constraint PK_TQ_SAC_NXX primary key (DOCUMENT_NUMBER, SERVICE_ ACTIVITY_ACTION, SAC_NXX, SERVICE_ACCESS_ CODE) / alter table TQ_SAC_NXX Drop constraint CK_FK_TSN_ SAC_NXX / alter table TQ_SAC_NXX add constraint CK_FK_TSN_SAC_ NXX check ((DOCUMENT_NUMBER is null and SERVICE_ACTIVITY_ ACTION IS NULL AND SAC_NXX is null and SERVICE_ ACCESS_CODE is null) or (DOCUMENT_NUMBER is not null AND SERVICE_ ACTIVITY_ACTION is not null AND SAC_NXX is not null AND SERVICE_ACCESS_CODE is not null)) / </pre>
6.0.16.b495	9692262_SAC.sql	Modify Index	<pre> drop index TQ_SAC_ACTIVITY_INFORMATION_PK / create unique Index TQ_SAC_ACTIVITY_INFORMATION_ PK on TQ_SAC_ACTIVITY_INFORMATION (DOCUMENT_NUMBER, SERVICE_ACTIVITY_ACTION, SERVICE_ACCESS_CODE) / </pre>
6.0.16.b526	9436758.sql	New Type	<pre> Create Type ASAP.TY_TABLE_VC4_STRINGS as table of Varchar2(4) / </pre>



**Table 3–1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.16.b542	9812149.sql	New Index	<pre> create unique index PFXPK_PORT_ADDR_CA_VALUE on PORT_ADDR_CA_VALUE (PORT_ADDR_CA_VALUE_ID asc) / create index PFXI_PA_CA_VA__PA on PORT_ADDR_CA_ VALUE (EQUIPMENT_ID asc, PORTADDR_SEQ asc) / create index PFXI_PA_CA_VA__CA_ID on PORT_ADDR_ CA_VALUE (CA_ID asc, CA_VALUE asc) / create index PFXI_PA_CA_VA__CA_US on PORT_ADDR_ CA_VALUE (CA_USAGE_ID asc) / create index PFXI_PA_CA_VA__MS_BU_BL on PORT_ ADDR_CA_VALUE (MS_BB_ID asc) / create index PFXI_PA_CA_VAL__CA_US_ID on PORT_ ADDR_CA_VALUE (CA_USAGE_ID asc, CA_VALUE asc, MS_BB_ID asc) / create index PFXI_PA_CA_VA__CA_US_VA_VA on PORT_ ADDR_CA_VALUE (CA_USAGE_VV_ID asc) / </pre>

**Table 3–1 (Cont.) Database Changes in 6.0.15 and 6.0.16 Patches, and the 6.2.0 Release**

Release	Prodfixsql File	Change	SQL
6.0.16.b542	9812149.sql	New Constraint	<pre> alter table PORT_ADDR_CA_VALUE add constraint PFXPK_PORT_ADDR_CA_VALUE primary key (PORT_ADDR_CA_VALUE_ID) / alter table PORT_ADDR_CA_VALUE add constraint PFXFK_PA_CA_VA__CA_US foreign key (CA_USAGE_ID) references CA_USAGE (CA_USAGE_ID) / alter table PORT_ADDR_CA_VALUE add constraint PFXFK_PA_CA_VA__CA_US_VA_VA foreign key (CA_USAGE_VV_ID) references CA_USAGE_VALID_VALUE (CA_USAGE_VV_ID) / alter table PORT_ADDR_CA_VALUE add constraint PFXFK_PA_CA_VA__PA foreign key (EQUIPMENT_ID, PORTADDR_SEQ) references PORT_ADDRESS (EQUIPMENT_ID, PORTADDR_SEQ) / alter table PORT_ADDR_CA_VALUE add constraint PFXFK_PA_CA_VA__MS_BU_BL foreign key (MS_BB_ID) references MS_BUILDING_BLOCK (MS_BB_ID) / alter table PORT_ADDR_CA_VALUE add constraint PFXFK_PA_CA_VALUE__CA_CU_AT foreign key (CA_ID) references CA_CUSTOMIZED_ATTRIBUTE (CA_ID) / </pre>
6.0.16.b586	10234378.sql	Add Columns	<pre> alter table SPECIAL_ACCESS add IP_ADDRESS Varchar2(15) null / alter table SPECIAL_ACCESS add SUBNET_MASK Varchar2(15) null / </pre>
6.0.16.b586	10234378.sql	Modify Columns	<pre> alter table EVC_LVL_SERV modify DIFF_SERV_CD_POINT VarChar2(12) / </pre>
6.2.0 GA	9677791. sql	New Index	<pre> Create Index IDX_TA_JE_WH__DA_CL on TASK_JEOPARDY_WHYMISS (DATE_CLOSED asc, JEOPARDY_TYPE_CD asc, ORDER_JEOP_DOC_NUM asc) Tablespace INDEXES / </pre>
6.2.0 GA	8637316. sql	New Table	<pre> Create Table CREDENTIAL_STORE (CRED_NAME Varchar2(100 BYTE) NOT NULL ENABLE, CRED_WORD RAW(32), CONSTRAINT CREDENTIAL_STORE_PK PRIMARY KEY (CRED_NAME)) / Create PUBLIC SYNONYM CREDENTIAL_STORE FOR ASAP.CREDENTIAL_STORE / </pre>

