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ps4hss (Tables)

ANNOT_CONTEXTS14

Primary Key(s): SET_ID, ELEMENT_VALUE_ID_LIST, ANNOTATION_ID

Field	Type	Nulls?
SET_ID	NUMBER (11)	No
ELEMENT_VALUE_ID_LIST	VARCHAR2 (512)	No
ANNOTATION_ID	VARCHAR2 (512)	No

Index Name	Type	Unique	Fields
PK_ANNOTATIONCONTEXT14	NORMAL	Yes	SET_ID, ELEMENT_VALUE_ID_LIST, ANNOTATION_ID
AC_ELEMENTVALUEIDLIST14	NORMAL	No	ELEMENT_VALUE_ID_LIST

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ANNOT_ELEMENTS14

Primary Key(s): ELEMENT_ID, ELEMENT_NAME, SOURCE

Field	Type	Nulls?
ELEMENT_ID	NUMBER (11)	No
ELEMENT_NAME	VARCHAR2 (256)	No
SOURCE	VARCHAR2 (256)	No

Index Name	Type	Unique	Fields
PK_CONTEXTELEMENT14	NORMAL	Yes	ELEMENT_ID, ELEMENT_NAME, SOURCE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ANNOT_ELEMENT_GROUP114

Primary Key(s): SET_ID, ELEMENT_VALUE_ID1, ELEMENT_VALUE_ID_LIST

Field	Type	Nulls?
SET_ID	NUMBER (11)	No
ELEMENT_VALUE_ID1	NUMBER (11)	No
ELEMENT_VALUE_ID_LIST	VARCHAR2 (512)	No

Index Name	Type	Unique	Fields
PK_CONTEXTELEMENTGROUP114	NORMAL	Yes	SET_ID, ELEMENT_VALUE_ID1, ELEMENT_VALUE_ID_LIST

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ANNOT_ELEMENT_GROUP214

**Primary Key(s): SET_ID, ELEMENT_VALUE_ID1, ELEMENT_VALUE_ID2,
ELEMENT_VALUE_ID_LIST**

Field	Type	Nulls?
SET_ID	NUMBER (11)	No
ELEMENT_VALUE_ID1	NUMBER (11)	No
ELEMENT_VALUE_ID2	NUMBER (11)	No
ELEMENT_VALUE_ID_LIST	VARCHAR2 (512)	No

Index Name	Type	Unique	Fields
PK_CONTEXTELEMENTGROUP214	NORMAL	Yes	SET_ID, ELEMENT_VALUE_ID1, ELEMENT_VALUE_ID2, ELEMENT_VALUE_ID_LIST

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ANNOT_ELEMENT_GROUP314

Primary Key(s): SET_ID, ELEMENT_VALUE_ID1, ELEMENT_VALUE_ID2, ELEMENT_VALUE_ID3, ELEMENT_VALUE_ID_LIST

Field	Type	Nulls?
SET_ID	NUMBER (11)	No
ELEMENT_VALUE_ID1	NUMBER (11)	No
ELEMENT_VALUE_ID2	NUMBER (11)	No
ELEMENT_VALUE_ID3	NUMBER (11)	No
ELEMENT_VALUE_ID_LIST	VARCHAR2 (512)	No

Index Name	Type	Unique	Fields
PK_CONTEXTELEMENTGROUP314	NORMAL	Yes	SET_ID, ELEMENT_VALUE_ID1, ELEMENT_VALUE_ID2, ELEMENT_VALUE_ID3, ELEMENT_VALUE_ID_LIST

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ANNOT_ELEMENT_GROUPS14

Primary Key(s): SET_ID, ELEMENT_ID, ORDINAL

Field	Type	Nulls?
SET_ID	NUMBER (11)	No
ELEMENT_ID	NUMBER (11)	No
ORDINAL	NUMBER (11)	No

Index Name	Type	Unique	Fields
PK_CONTEXTELEMENTGROUP14	NORMAL	Yes	SET_ID, ELEMENT_ID, ORDINAL

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ANNOT_ELEMENT_SETS14

Primary Key(s): SET_ID, ORDINAL, ELEMENT_ID

Field	Type	Nulls?
SET_ID	NUMBER (11)	No
ORDINAL	NUMBER (11)	No
ELEMENT_ID	NUMBER (11)	No

Index Name	Type	Unique	Fields
PK_CONTEXTELEMENTSET14	NORMAL	Yes	SET_ID, ORDINAL, ELEMENT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ANNOT_ELEMENT_VALUES14

Primary Key(s): ELEMENT_ID, SET_ID, ELEMENT_VALUE_ID, ELEMENT_VALUE

Field	Type	Nulls?
ELEMENT_ID	NUMBER (11)	No
SET_ID	NUMBER (11)	No
ELEMENT_VALUE_ID	NUMBER (11)	No
ELEMENT_VALUE	VARCHAR2 (256)	No

Index Name	Type	Unique	Fields
PK_CONTEXTELEMENTVALUE14	NORMAL	Yes	ELEMENT_ID, SET_ID, ELEMENT_VALUE_ID, ELEMENT_VALUE
AEV_ELEMENTVALUE14	NORMAL	No	ELEMENT_VALUE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_ACL_INFO

The tables which stores ACL information related to taskflow

Primary Key(s): PROCESS_ID

Field	Type	Nulls?	Comments
PROCESS_ID	VARCHAR2 (100)	No	Stores the taskname id
MANAGEROLE	VARCHAR2 (255)	No	Stores the manage role information
EXECUTEROLE	VARCHAR2 (255)	No	Stores the execute role information
CREATED_BY	VARCHAR2 (255)	Yes	Stores the created information
CREATED_DATE	DATE	Yes	Stores the created date
MODIFIED_BY	VARCHAR2 (255)	Yes	Stores the modified by
MODIFIED_DATE	DATE	Yes	Stores the modified date

Index Name	Type	Unique	Fields
CES_ACL_ID_PK	NORMAL	Yes	PROCESS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_APPS

The table stores application information

Primary Key(s): APPLICATION_NAME

Field	Type	Nulls?	Comments
APPLICATION_NAME	VARCHAR2 (100)	No	Stores the applicaiton name
PARENT	VARCHAR2 (100)	Yes	Stores the parent name
OBJTYPE	NUMBER	No	Stores the object type
OBJVALUE	BLOB	Yes	Stores the application information in blob

Index Name	Type	Unique	Fields
CES_APPS_PK	NORMAL	Yes	APPLICATION_NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_AUTO_PROCESS_TASK

The tables which store started stage information

Primary Key(s): TASK_ID

Field	Type	Nulls?	Comments
TASK_ID	VARCHAR2 (100)	No	Stores the task id
EXECUTED_BY	VARCHAR2 (100)	Yes	Stores the executed user information
OBJTYPE	NUMBER	No	Stores the object type
OBJVALUE	BLOB	Yes	Stores the stage information in blob

Index Name	Type	Unique	Fields
CES_AUTO_PROCESS_TASK_PK	NORMAL	Yes	TASK_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_MESSAGES

The tables which store in flow and out flow of task information

Primary Key(s): MESSAGE_ID

Field	Type	Nulls?	Comments
MESSAGE_ID	VARCHAR2 (100)	No	Stores the message id
TASK_ID	VARCHAR2 (100)	Yes	Stores the task id
MESSAGE_TYPE	NUMBER	No	Stores the message type
OBJVALUE	BLOB	Yes	Stores the Task information in blob

Index Name	Type	Unique	Fields
IDX_MSGS	NORMAL	No	MESSAGE_ID, TASK_ID
IDX2_MSGS	NORMAL	No	TASK_ID, MESSAGE_TYPE
CES_MESSAGES_PK	NORMAL	Yes	MESSAGE_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_TASK_ID	TASK_ID	PS4HSS	CES_TASKS

No External Foreign Keys

No Enabled Triggers

CES_PARTICIPANT

The tables which store taskflow sender information

Primary Key(s): PARTICIPANT_ID

Field	Type	Nulls?	Comments
PARTICIPANT_ID	VARCHAR2 (100)	No	Stores the participant id
WORKFLOW_ID	VARCHAR2 (100)	Yes	Stores the workflow id
OBJTYPE	NUMBER	No	Stores the obj type
OBJVALUE	BLOB	Yes	Stores the participant information status in blob

Index Name	Type	Unique	Fields
CES_PARTICIPANT_PK	NORMAL	Yes	PARTICIPANT_ID
IDX_PART	NORMAL	No	PARTICIPANT_ID, WORKFLOW_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_WORKFLOW_ID	WORKFLOW_ID	PS4HSS	CES_WF_INSTANCES

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_PARTICIPANT_ID	PS4HSS	CES_PARTICIPANT_EVENTS	PARTICIPANT_ID

No Enabled Triggers

CES_PARTICIPANT_EVENTS

The tables which store taskflow receiver information

Primary Key(s): PARTICIPANT_EVENT_ID

Field	Type	Nulls?	Comments
PARTICIPANT_EVENT_ID	VARCHAR2 (100)	No	Stores the participant event id
PARTICIPANT_ID	VARCHAR2 (100)	Yes	Stores the participant Id
OBJTYPE	NUMBER	No	Stores the obj Type

Field	Type	Nulls?	Comments
OBJVALUE	BLOB	Yes	Stores the participant_event information Status in blob

Index Name	Type	Unique	Fields
CES_PARTICIPANT_EVENTS_PK	NORMAL	Yes	PARTICIPANT_EVENT_ID
IDX_PART_EVT	NORMAL	No	PARTICIPANT_EVENT_ID, PARTICIPANT_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_PARTICIPANT_ID	PARTICIPANT_ID	PS4HSS	CES_PARTICIPANT

No External Foreign Keys

No Enabled Triggers

CES_PROCESS_DEF

The main tables which store taskflow information

Primary Key(s): PROCESS_ID

Field	Type	Nulls?	Comments
PROCESS_ID	VARCHAR2 (100)	No	Stores the taskflow id
PARENT	VARCHAR2 (100)	Yes	Stores the parent name
OBJTYPE	NUMBER	No	Stores the object type
OBJVALUE	BLOB	Yes	Stores the taskflow information in blob
APPLICATIONNAME	VARCHAR2 (100)	Yes	
PROCESSNAME	VARCHAR2 (100)	Yes	
REVISION	VARCHAR2 (100)	Yes	
AUTHORNAME	VARCHAR2 (100)	Yes	
DESCRIPTION	VARCHAR2 (500)	Yes	

Index Name	Type	Unique	Fields
CES_PROCESS_DEF_PK	NORMAL	Yes	PROCESS_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_PUSH_AUTO_PROCESS_TASK

The tables which store started Stage information back if product is not started

Primary Key(s): TASK_ID

Field	Type	Nulls?	Comments
TASK_ID	VARCHAR2 (100)	No	Stores the task id
EXECUTED_BY	VARCHAR2 (100)	Yes	Stores the executed user information
OBJTYPE	NUMBER	No	Stores the object type
OBJVALUE	BLOB	Yes	Stores the stage information in blob

Index Name	Type	Unique	Fields
CES_PUSH_AUTO_PROCESS_TASK_PK	NORMAL	Yes	TASK_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_SYSTEM

The table stores workflow domain information

Primary Key(s): NAME

Field	Type	Nulls?	Comments
NAME	VARCHAR2 (100)	No	Stores the domain name
PARENT	VARCHAR2 (100)	Yes	Stores the parent name
OBJTYPE	NUMBER	No	Stores the object type
OBJVALUE	BLOB	Yes	Stores the domain information in the blob

Index Name	Type	Unique	Fields
CES_SYSTEM_PK	NORMAL	Yes	NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_TASKS

The tables which store executed taskflow information

Primary Key(s): TASK_ID, TASK_STATUS, APPLICATION_NAME, PROCESS_NAME

Field	Type	Nulls?	Comments
TASK_ID	VARCHAR2 (100)	No	Stores the Task Id
EXECUTED_BY	VARCHAR2 (100)	Yes	Stores the executed user information
OBJTYPE	NUMBER	No	Stores the object type
OBJVALUE	BLOB	Yes	Stores the stage information in blob
TASK_STATUS	VARCHAR2 (100)	No	Stores the taskflow status
APPLICATION_NAME	VARCHAR2 (100)	No	Stores the application name
PROCESS_NAME	VARCHAR2 (100)	No	Stores the taskflow name

Index Name	Type	Unique	Fields
CES_TASKS_PK	NORMAL	Yes	TASK_ID, TASK_STATUS, APPLICATION_NAME, PROCESS_NAME
SYS_C0010000	NORMAL	Yes	TASK_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_TASKS_RESULT

The tables which stores taskflow success or failure

Primary Key(s): TASK_ID

Field	Type	Nulls?	Comments
TASK_ID	VARCHAR2 (100)	No	Stores the task id
TASK_RESULT	BLOB	Yes	Stores the details of the execution result

Index Name	Type	Unique	Fields
CES_TASKS_RESULT_PK	NORMAL	Yes	TASK_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_USERS

The table stores users information

Primary Key(s): NAME

Field	Type	Nulls?	Comments
NAME	VARCHAR2 (200)	No	Stores the user name
PARENT	VARCHAR2 (100)	Yes	Stores the parent name
OBJTYPE	NUMBER	No	Stores the object type
OBJVALUE	BLOB	Yes	Stores the user information in the blob

Index Name	Type	Unique	Fields
CES_USERS_PK	NORMAL	Yes	NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CES_WF_INSTANCES

The tables which store taskflow information status active, new or done

Primary Key(s): WORKFLOW_ID, STATUS, APPLICATION_NAME, PROCESS_NAME

Field	Type	Nulls?	Comments
WORKFLOW_ID	VARCHAR2 (100)	No	Stores the workflow id
PARENT	VARCHAR2 (100)	Yes	Stores the parent name
OBJTYPE	NUMBER	No	Stores the obj type
OBJVALUE	BLOB	Yes	Stores the object value in blob
STATUS	VARCHAR2 (100)	No	Stores the task information status in blob
APPLICATION_NAME	VARCHAR2 (100)	No	Stores the application name
PROCESS_NAME	VARCHAR2 (100)	No	Stores the taskflow name
DESCRIPTION	VARCHAR2 (500)	Yes	
REVISION	VARCHAR2 (100)	Yes	
AUTHORNAME	VARCHAR2 (100)	Yes	
INITIATORUSERNAME	VARCHAR2 (100)	Yes	
INITIATORSTAGENAME	VARCHAR2 (100)	Yes	
INITIATORROLENAME	VARCHAR2 (100)	Yes	
STARTTIME	DATE	Yes	
COMPLETIONTIME	DATE	Yes	
TASKID	VARCHAR2 (100)	Yes	

Index Name	Type	Unique	Fields
CES_WF_INSTANCES_PK	NORMAL	Yes	WORKFLOW_ID, STATUS, APPLICATION_NAME, PROCESS_NAME
SYS_C0010011	NORMAL	Yes	WORKFLOW_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CONFIG_HISTORY

This table stores all the audit information during EPM Configuration

Primary Key(s): CONFIG_HISTORY_ID

Field	Type	Default	Nulls?	Comments
CONFIG_HISTORY_ID	VARCHAR2 (250)		No	Identifies the id of the audit record
ROW_CREATION_DATE	DATE	CURRENT_DATE	Yes	Date when the row was created
START_DATE_TIME	DATE		No	Identifies the timestamp for the audit entry
RELEASE_VERSION	VARCHAR2 (25)		No	Identifies the release version
CONFIG_DURATION	NUMBER		No	Identifies the duration of the operation being audited
STATUS	NUMBER		No	Identifies the status of the operation being audited
SERVER_NAME	VARCHAR2 (250)		No	Identifies the server name
TOOL_NAME	VARCHAR2 (100)		No	Identifies the tool name
TAG	CHAR (3)		Yes	Identifies the tag
ACTION	VARCHAR2 (250)		No	Identifies the action being audited
COMPONENT	VARCHAR2 (250)		Yes	Identifies the component
CONFIG_HISTORY_COMMENT	VARCHAR2 (250)		Yes	Identifies the comment for the audit record
INSTANCE_NAME	VARCHAR2 (250)		Yes	Identifies the instance name associated with the audit record

Index Name	Type	Unique	Fields
CONFIG_HISTORY_PK_IND	NORMAL	Yes	CONFIG_HISTORY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CSS_DELEGATED_LIST

This table stores all the details of delegated list

Primary Key(s): DL_LIST_ID

Field	Type	Default	Nulls?	Comments
DL_LIST_ID	VARCHAR2 (200)		No	Id of delegated list
NAME	VARCHAR2 (256)		No	Name of delegated list
DESCRIPTION	VARCHAR2 (1000)		Yes	Description of delegated list
CREATEDBY	VARCHAR2 (200)		No	Name of the user who created this delegated list
UPDATEDBY	VARCHAR2 (200)		No	Name of the user who modified this delegated list details recently
CREATEDTIMESTAMP	DATE	(sysdate)	Yes	Timestamp when the delegated list was created
UPDATEDTIMESTAMP	DATE	(sysdate)	Yes	Timestamp when the delegated list was updated
LOWER_NAME	VARCHAR2 (256)		No	Name of delegated list stored in lower case

Index Name	Type	Unique	Fields
PK_DLS	NORMAL	Yes	DL_LIST_ID
DL_NAME_UNIQUE	NORMAL	Yes	LOWER_NAME

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_DL_MEMBERS	PS4HSS	CSS_DELEGATED_MEMBERS	DL_LIST_ID

No Enabled Triggers

CSS_DELEGATED_MEMBERS

This table stores all users and groups as members of delegated list including external users and groups

Primary Key(s): DL_LIST_ID, LOWER_MEMBER_IDENTITY, IS_MANAGEDBY

Field	Type	Nulls?	Comments
DL_LIST_ID	VARCHAR2 (200)	No	Id of delegated list

Field	Type	Nulls?	Comments
MEMBER_IDENTITY	VARCHAR2 (200)	No	Identity of the user or group which are member of delegated list
MEMBER_TYPE	NUMBER	No	Type of member user or group. A value 2 indicates group and 1 indicates user
IS_MANAGEDBY	NUMBER (1)	No	Whether the member of delegated list is also a manager of list
LOWER_MEMBER_IDENTITY	VARCHAR2 (200)	No	Member identity stored in lower case

Index Name	Type	Unique	Fields
PK_DL_MEMBERS	NORMAL	Yes	DL_LIST_ID, LOWER_MEMBER_IDENTITY, IS_MANAGEDBY

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
CSS_DELMEM_CSS_FK1	LOWER_MEMBER_IDENTITY	PS4HSS	CSS_IDENTITY
CSS_MEMB_CSS_FK2	MEMBER_TYPE	PS4HSS	CSS_MEMBER_TYPE
FK_DL_MEMBERS	DL_LIST_ID	PS4HSS	CSS_DELEGATED_LIST

No External Foreign Keys

No Enabled Triggers

CSS_GROUPS

This table stores all the details of native group

Primary Key(s): LOWER_IDENTITY_ID

Field	Type	Default	Nulls?	Comments
IDENTITY_ID	VARCHAR2 (200)		No	Identity of group
NAME	VARCHAR2 (256)		No	Name of group
DESCRIPTION	VARCHAR2 (1000)		Yes	Description of group
CREATEDBY	VARCHAR2 (200)		No	Name of the user who created this group
UPDATEDBY	VARCHAR2 (200)		No	Name of the user who modified this group details recently
CREATEDTIMESTAMP	DATE	(sysdate)	Yes	Timestamp when the group was created
UPDATEDTIMESTAMP	DATE	(sysdate)	Yes	Timestamp when the group was updated
LOWER_IDENTITY_ID	VARCHAR2 (200)		No	Identity of group stored in lower case
LOWER_NAME	VARCHAR2 (256)		No	Name of group stored in lower case

Index Name	Type	Unique	Fields
GROUP_NAME_UNIQUE	NORMAL	Yes	LOWER_NAME
PK_GROUPS	NORMAL	Yes	LOWER_IDENTITY_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
CSS_GROUPS_CSS_IDENTITY_FK1	LOWER_IDENTITY_ID	PS4HSS	CSS_IDENTITY

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_GROUP_MEMBERS	PS4HSS	CSS_GROUP_MEMBERS	LOWER_GROUP_IDENTITY

No Enabled Triggers

CSS_GROUP_CACHE_DELTA

This table stores group cache delta changes

Primary Key(s):

Field	Type	Default	Nulls?	Comments
GROUP_IDENTITY	VARCHAR2 (200)		No	Identity of a group
ACTION_TYPE	NUMBER (1)		Yes	Action on group eg:- adding a group or adding a user/group to group
VALUE1	VARCHAR2 (256)		Yes	If action is adding a group this will be group name, if action is adding a member to group this value will be identity of the member
VALUE2	VARCHAR2 (1000)		Yes	If action is adding a group this will be group description, if action is adding a member to group this value will be identity type
UPDATEDTIMESTAMP	TIMESTAMP(9) WITH TIME ZONE	(SYSTIMESTAMP)	No	System time for the event
TRANSACTION_ID	NUMBER (16)		No	Auto generated sequence number identifying unique transaction id

Index Name	Type	Unique	Fields
CSS_DELTA_TRANSACTION_IDX	NORMAL	No	TRANSACTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

CSS_GROUP_MEMBERS

This table stores all identities of users and groups including external users and groups which are members of native groups.

Primary Key(s): LOWER_GROUP_IDENTITY, LOWER_MEMBER_IDENTITY

Field	Type	Nulls?	Comments
GROUP_IDENTITY	VARCHAR2 (200)	No	Identity of the parent native group
MEMBER_IDENTITY	VARCHAR2 (200)	No	Identity of the user or group which are member of parent native group
MEMBER_TYPE	NUMBER (1)	No	Type of member user or group. A value 2 indicates group and 1 indicates user
LOWER_GROUP_IDENTITY	VARCHAR2 (200)	No	Identity of the parent native group stored in lower case
LOWER_MEMBER_IDENTITY	VARCHAR2 (200)	No	Identity of the user or group which are member of parent native group stored in lower case

Index Name	Type	Unique	Fields
PK_GR_MEMBERS	NORMAL	Yes	LOWER_GROUP_IDENTITY, LOWER_MEMBER_IDENTITY

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
CSS_GROUP_MEMB_FK	LOWER_MEMBER_IDENTITY	PS4HSS	CSS_IDENTITY
FK_GROUP_MEMBERS	LOWER_GROUP_IDENTITY	PS4HSS	CSS_GROUPS

No External Foreign Keys

No Enabled Triggers

CSS_IDENTITY

This table stores all identities for users and groups including external users and groups which are members of native groups. It also stores identities of external users and groups which are provisioned

Primary Key(s): LOWER_IDENTITY_ID

Field	Type	Nulls?	Comments
IDENTITY_ID	VARCHAR2 (200)	No	Identity of the user or group
LOWER_IDENTITY_ID	VARCHAR2 (200)	No	Identity stored in lower case
NAME	VARCHAR2 (200)	Yes	Name of the user or group
PROVIDER_NAME	VARCHAR2 (200)	Yes	Name of the provider that the user or group belongs to

Index Name	Type	Unique	Fields
CSS_IDENTITY_PK	NORMAL	Yes	LOWER_IDENTITY_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
CSS_DELMEM_CSS_FK1	PS4HSS	CSS_DELEGATED_MEMBER S	LOWER_MEMBER_ID ENTITY
CSS_GROUPS_CSS_IDENTITY_FK1	PS4HSS	CSS_GROUPS	LOWER_IDENTITY_I D
CSS_GROUP_MEMB_FK	PS4HSS	CSS_GROUP_MEMBERS	LOWER_MEMBER_ID ENTITY
CSS_USRID_FK1	PS4HSS	CSS_USERS	LOWER_IDENTITY_I D
FK1_PROV_MEMIDEN	PS4HSS	CSS_PROVISIONING_INFO	LOWER_MEMBER_ID ENTITY
FK_USER_PREF	PS4HSS	CSS_USER_PREFERENCES	LOWER_IDENTITY_I D

No Enabled Triggers

CSS_MEMBER_TYPE

This table stores the list of member type user, group and role that are supported

Primary Key(s): MEMBER_TYPE_ID

Field	Type	Nulls?	Comments
MEMBER_TYPE_ID	NUMBER	No	Id of member type
MEMBER_TYPE_NAME	VARCHAR2 (200)	No	Name of member type

Index Name	Type	Unique	Fields
CSS_MEMBER_TYPE_PK	NORMAL	Yes	MEMBER_TYPE_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
CSS_MEMB_CSS_FK2	PS4HSS	CSS_DELEGATED_MEMBER S	MEMBER_TYPE
FK1_PROV_MEMTYPE	PS4HSS	CSS_PROVISIONING_INFO	MEMBER_TYPE

No Enabled Triggers

CSS_PROVISIONING_INFO

This table stores the provisioning details of user and group including external user and group

Primary Key(s): LOWER_APPLICATION_ID, LOWER_MEMBER_IDENTITY, LOWER_ROLE_IDENTITY

Field	Type	Nulls?	Comments
APPLICATION_ID	VARCHAR2 (100)	No	Application id to which user or group provisioned
MEMBER_IDENTITY	VARCHAR2 (200)	No	Identity of user or group that is provisioned to
ROLE_IDENTITY	VARCHAR2 (200)	No	Identity of role that is provisioned to user or group
MEMBER_TYPE	NUMBER	No	Type of member. A value 2 indicates group member and 1 indicates user member
CREATEDBY	VARCHAR2 (200)	No	Name of the user who provisioned a role to user or group
CREATEDTIMESTAMP	DATE	No	Timestamp when the user or group was provisioned
LOWER_APPLICATION_ID	VARCHAR2 (100)	No	Application ID to which user or group provisioned stored in lower case
LOWER_MEMBER_IDENTITY	VARCHAR2 (200)	No	Identity of user or group that is provisioned to role stored in lower case
LOWER_ROLE_IDENTITY	VARCHAR2 (200)	No	Identity of role that is provisioned to user or group stored in lower case

Index Name	Type	Unique	Fields
PK_PROV_INFO	NORMAL	Yes	LOWER_APPLICATION_ID, LOWER_MEMBER_IDENTITY, LOWER_ROLE_IDENTITY

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK1_PROV_MEMTYPE	MEMBER_TYPE	PS4HSS	CSS_MEMBER_TYPE
FK1_PROV_MEMIDEN	LOWER_MEMBER_IDENTITY	PS4HSS	CSS_IDENTITY
FK1_PROV_ROLIDEN	LOWER_ROLE_IDENTITY	PS4HSS	CSS_ROLES

No External Foreign Keys

No Enabled Triggers

CSS_ROLES

This table stores all the seeded roles of products including hub roles which are pre-defined roles. It also stores user defined roles

Primary Key(s): LOWER_IDENTITY_ID

Field	Type	Default	Nulls?	Comments
IDENTITY_ID	VARCHAR2 (200)		No	Identity of role
ROLE_ID	VARCHAR2 (100)		No	Id of role
PRODUCTCODE	VARCHAR2 (50)		No	Product code of the role belongs to
PRE_CONFIG_STATUS	NUMBER (1)	('1')	Yes	Pre config status of role. All seeded/pre-defined roles will have value as 1 and user defined roles will have value as 2
CREATEDBY	VARCHAR2 (200)		No	Name of the user who created this role
UPDATEDBY	VARCHAR2 (200)		No	Name of the user who modified this role details recently
CREATEDTIMESTAMP	DATE	(sysdate)	Yes	Timestamp when the role was created
UPDATEDTIMESTAMP	DATE	(sysdate)	Yes	Timestamp when the role was updated
LOWER_IDENTITY_ID	VARCHAR2 (200)		No	Identity of role stored in lower case

Index Name	Type	Unique	Fields
PK_ROLES	NORMAL	Yes	LOWER_IDENTITY_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK1_PROV_ROLIDEN	PS4HSS	CSS_PROVISIONING_INFO	LOWER_ROLE_IDENTITY
FK1_ROLE_MEMS	PS4HSS	CSS_ROLE_MEMBERS	LOWER_MEMBER_IDENTITY
FK_LOCALE_ROLES	PS4HSS	CSS_ROLE_LOCALES	LOWER_IDENTITY_ID
FK_ROLE_MEMBERS	PS4HSS	CSS_ROLE_MEMBERS	LOWER_ROLE_IDENTITY

No Enabled Triggers

CSS_ROLE_LOCALES

This table stores localized role names and description

Primary Key(s): LOWER_IDENTITY_ID, LOCALE, VERSION

Field	Type	Nulls?	Comments
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Field	Type	Nulls?	Comments
IDENTITY_ID	VARCHAR2 (200)	No	Identity of role
NAME	VARCHAR2 (1000)	No	Localized name of role
LOCALE	VARCHAR2 (10)	No	Locale code
DESCRIPTION	VARCHAR2 (2000)	Yes	Localized description of role
VERSION	VARCHAR2 (20)	No	Version of the product that role belongs to
LOWER_IDENTITY_ID	VARCHAR2 (200)	No	Identity of role stored in lower case
LOWER_NAME	VARCHAR2 (1000)	No	Name of role stored in lower case

Index Name	Type	Unique	Fields
PK_CSS_ROLE_LOCS	NORMAL	Yes	LOWER_IDENTITY_ID, LOCALE, VERSION

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_LOCALE_ROLES	LOWER_IDENTITY_ID	PS4HSS	CSS_ROLES

No External Foreign Keys

No Enabled Triggers

CSS_ROLE_MEMBERS

This table stores role members of a role

Primary Key(s): LOWER_ROLE_IDENTITY, LOWER_MEMBER_IDENTITY

Field	Type	Nulls?	Comments
ROLE_IDENTITY	VARCHAR2 (200)	No	Identity of role
MEMBER_IDENTITY	VARCHAR2 (200)	No	Identity of role member
LOWER_ROLE_IDENTITY	VARCHAR2 (200)	No	Identity of role stored in lower case
LOWER_MEMBER_IDENTITY	VARCHAR2 (200)	No	Identity of role member stored in lower case

Index Name	Type	Unique	Fields
PK_ROLE_MEMBERS	NORMAL	Yes	LOWER_ROLE_IDENTITY, LOWER_MEMBER_IDENTITY

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_ROLE_MEMBERS	LOWER_ROLE_IDENTITY	PS4HSS	CSS_ROLES
FK1_ROLE_MEMS	LOWER_MEMBER_IDENTITY	PS4HSS	CSS_ROLES

No External Foreign Keys

No Enabled Triggers

CSS_USERS

This table stores all the details of native user

Primary Key(s): LOWER_IDENTITY_ID

Field	Type	Default	Nulls?	Comments
IDENTITY_ID	VARCHAR2 (200)		No	Identity of native user
NAME	VARCHAR2 (256)		No	Name of the user
PASSWORD	VARCHAR2 (200)		No	Password of the user stored in encrypted format
FIRSTNAME	VARCHAR2 (300)		Yes	First name of the user
LASTNAME	VARCHAR2 (300)		Yes	Last name of the user
DESCRIPTION	VARCHAR2 (1000)		Yes	Description of the user
EMAIL	VARCHAR2 (200)		Yes	Email id of the user
ACCOUNTSTATUS	NUMBER (1)	('1')	Yes	Active status of the user account
CREATEDBY	VARCHAR2 (200)		No	Name of the user who created this user
UPDATEDBY	VARCHAR2 (200)		No	Name of the user who modified this user details recently
CREATEDTIMESTAMP	DATE	(sysdate)	No	Timestamp when the user was created
UPDATEDTIMESTAMP	DATE	(sysdate)	No	Timestamp when the user was updated
LOWER_IDENTITY_ID	VARCHAR2 (200)		No	Identity of native user stored in lower case
LOWER_NAME	VARCHAR2 (256)		No	Name of the user stored in lower case

Index Name	Type	Unique	Fields
USER_NAME_UNIQUE	NORMAL	Yes	LOWER_NAME
PK_USERS	NORMAL	Yes	LOWER_IDENTITY_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
CSS_USRID_FK1	LOWER_IDENTITY_ID	PS4HSS	CSS_IDENTITY

No External Foreign Keys

No Enabled Triggers

CSS_USER_PREFERENCES

This table stores any additional details of a user in key value pair

Primary Key(s):

Field	Type	Nulls?	Comments
IDENTITY_ID	VARCHAR2 (200)	No	Identity of a user
KEY	VARCHAR2 (200)	No	Property key to be stored
VALUE	VARCHAR2 (2000)	No	Property value to be stored
LOWER_IDENTITY_ID	VARCHAR2 (200)	No	Identity of a user stored in lower case

No Indexes

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_USER_PREF	LOWER_IDENTITY_ID	PS4HSS	CSS_IDENTITY

No External Foreign Keys

No Enabled Triggers

EPM_REGISTRY_LOCK

This table stores the lock details

Primary Key(s):

Field	Type	Nulls?	Comments
LOCK_TIMESTAMP	VARCHAR2 (250)	No	Identifies the timestamp when the lock was obtained
LOCK_SERVER_NAME	VARCHAR2 (250)	No	Identifies the server name of the process holding the lock on EPM Registry Schema
LOCK_PROCESS_ID	VARCHAR2 (250)	Yes	Identifies the process ID of the process holding the lock on EPM Registry Schema

No Indexes

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

ESS_CLUSTER_SERVER_MAPPING

This table defines the mapping between essbase cluster and essbase servers

Primary Key(s): CLUSTER_COMPONENT_ID, SERVER_NAME

Field	Type	Nulls?	Comments
CLUSTER_COMPONENT_ID	VARCHAR2 (250)	No	Unique identifier for an essbase cluster
SERVER_NAME	VARCHAR2 (250)	No	Unique identifier for an essbase server

Index Name	Type	Unique	Fields
CLSTR_SRVR_MAPPING_PK_IND	NORMAL	Yes	CLUSTER_COMPONENT_ID, SERVER_NAME

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
CLSTR_SRVR_MAPPING_FK_IND	CLUSTER_COMPONENT_ID	PS4HSS	HSS_COMPONENT

No External Foreign Keys

No Enabled Triggers

ESS_FAILOVER_LEASE**Primary Key(s):**

Field	Type	Nulls?
LEASE_OWNER_ID	NUMBER (38)	No
RESOURCE_ID	NUMBER (38)	No
GRANT_TIME	TIMESTAMP(9) WITH TIME ZONE	No
EXPIRY_TIME	TIMESTAMP(9) WITH TIME ZONE	No

No Indexes

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C0010079	LEASE_OWNER_ID	PS4HSS	ESS_FAILOVER_LEASE_OWNER
SYS_C0010080	RESOURCE_ID	PS4HSS	ESS_FAILOVER_RESOURCE

No External Foreign Keys

No Enabled Triggers

ESS_FAILOVER_LEASE_OWNER

Primary Key(s): LEASE_OWNER_ID

Field	Type	Nulls?
LEASE_OWNER_ID	NUMBER (38)	No
RESOURCE_PATH	VARCHAR2 (255)	No
RESOURCE_NAME	VARCHAR2 (255)	No
HOST_NAME	VARCHAR2 (255)	No
PROCESS_TYPE	VARCHAR2 (16)	No
PROCESS_ID	NUMBER (10)	No
PORT_NUMBER	NUMBER (5)	No
AGENT_LID	NUMBER (38)	No
SECURE_PORT_NUMBER	NUMBER (5)	No

Index Name	Type	Unique	Fields
SYS_C0010074	NORMAL	Yes	LEASE_OWNER_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SYS_C0010079	PS4HSS	ESS_FAILOVER_LEASE	LEASE_OWNER_ID

No Enabled Triggers

ESS_FAILOVER_RESOURCE

Primary Key(s): RESOURCE_ID

Field	Type	Nulls?
RESOURCE_ID	NUMBER (38)	No
RESOURCE_PATH	VARCHAR2 (255)	No
CLUSTER_NAME	VARCHAR2 (64)	No
RESOURCE_NAME	VARCHAR2 (255)	No
UPDATE_TIME	TIMESTAMP(9) WITH TIME ZONE	No

Index Name	Type	Unique	Fields
SYS_C0010063	NORMAL	Yes	RESOURCE_ID

Index Name	Type	Unique	Fields
SYS_C0010064	NORMAL	Yes	CLUSTER_NAME, RESOURCE_NAME

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SYS_C0010080	PS4HSS	ESS_FAILOVER_LEASE	RESOURCE_ID

No Enabled Triggers

FR_SCHEDULER_DATA14

Primary Key(s): JOB_ID

Field	Type	Nulls?
JOB_ID	VARCHAR2 (128)	No
STATE	NUMBER (11)	No
XML	BLOB	No
START_TIME	DATE	Yes
END_TIME	DATE	Yes
LAST_UPDATED	DATE	Yes

Index Name	Type	Unique	Fields
PK_FR_SCHEDULER_DATA14	NORMAL	Yes	JOB_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

FR_USERPREFS

Primary Key(s): SUBJECT_ID, PREF_NAME

Field	Type	Nulls?
SUBJECT_ID	VARCHAR2 (256)	No

Field	Type	Nulls?
PREF_NAME	VARCHAR2 (256)	No
PREF_VALUE	BLOB	No

Index Name	Type	Unique	Fields
PK_FR_USERPREFS	NORMAL	Yes	SUBJECT_ID, PREF_NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

HDB_SCHEDULED_TASKS

Primary Key(s): ID, SUBTASK_ID

Field	Type	Nulls?
ID	NUMBER	No
SUBTASK_ID	NUMBER	No
PARENT_ID	NUMBER	No
INTEGRATION_NAME	VARCHAR2 (255)	Yes
SINGLE	NUMBER	No
REVERSED	NUMBER	No
OWNER	VARCHAR2 (255)	Yes
STATUS	NUMBER	No
STATUS_DETAILS	VARCHAR2 (1000)	Yes
TOKEN	VARCHAR2 (1000)	Yes
CREATED_ON	VARCHAR2 (20)	Yes
START_DATE	VARCHAR2 (20)	Yes
COMPLETED_DATE	VARCHAR2 (20)	Yes
LOCALE_LANGUAGE	VARCHAR2 (3)	Yes
LOCALE_COUNTRY	VARCHAR2 (3)	Yes
LOCALE_VARIANT	VARCHAR2 (255)	Yes

Index Name	Type	Unique	Fields
PK_HDB_SCHTASKS	NORMAL	Yes	ID, SUBTASK_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

HSS_COMPONENT

This table lists all the components available in registry. It essentially maintains all the components configured across all the installed products.

Primary Key(s): COMPONENT_ID

Field	Type	Default	Nulls?	Comments
COMPONENT_ID	VARCHAR2 (250)		No	Unique identity of the component in registry
COMPONENT_NAME	VARCHAR2 (250)		Yes	Name of the component
COMPONENT_TYPE_ID	NUMBER		Yes	Identifies the component type of the component
LAST_UPDATE_DT	DATE		No	Date when the component was last updated
CREATE_DT	DATE	CURRENT_DATE	Yes	Date when the component was created in registry

Index Name	Type	Unique	Fields
COMPONENT_PK_IND	NORMAL	Yes	COMPONENT_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
COMP_COMP_TYPES_FK_IND	COMPONENT_TYPE_ID	PS4HSS	HSS_COMPONENT_TYPES

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
CLSTR_SRVR_MAPPING_FK_IND	PS4HSS	ESS_CLUSTER_SERVER_MAPPING	CLUSTER_COMPONENT_ID
COMP_FILES_COMP_FK_IND	PS4HSS	HSS_COMPONENT_FILES	COMPONENT_ID
COMP_LINKS_COMP_FROM_FK_IND	PS4HSS	HSS_COMPONENT_LINKS	FROM_COMPONENT_ID
COMP_LINKS_COMP_TO_FK_IND	PS4HSS	HSS_COMPONENT_LINKS	TO_COMPONENT_ID
COMP_PROP_VALUES_COMP_FK_IND	PS4HSS	HSS_COMPONENT_PROPERTY_VALUES	COMPONENT_ID

Trigger Name	Type	Event	Body
MODIFY_LAST_UPDATE_DT	BEFORE EACH ROW	INSERT OR UPDATE	BEGIN :NEW.LAST_UPDATE_DT := CURRENT_DATE; END;

HSS_COMPONENT_FILES

This table stores all the files associated with the components

Primary Key(s): COMPONENT_ID, FILE_NAME

Field	Type	Nulls?	Comments
COMPONENT_ID	VARCHAR2 (250)	No	Identity of the component in registry
FILE_NAME	VARCHAR2 (250)	No	Name of the file associated with the component in registry
FILE_CONTENT	BLOB	Yes	File content of the file associated with the registry component

Index Name	Type	Unique	Fields
COMPONENT_FILES_PK_IND	NORMAL	Yes	COMPONENT_ID, FILE_NAME

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
COMP_FILES_COMP_FK_IND	COMPONENT_ID	PS4HSS	HSS_COMPONENT

No External Foreign Keys

No Enabled Triggers

HSS_COMPONENT_LINKS

This table stores all the component links and relationships

Primary Key(s): FROM_COMPONENT_ID, TO_COMPONENT_ID

Field	Type	Default	Nulls?	Comments
FROM_COMPONENT_ID	VARCHAR2 (250)		No	Identity of the linked component
TO_COMPONENT_ID	VARCHAR2 (250)		No	Identity of the linked component
LINK_TYPE	NUMBER	1	Yes	Identifies the relationship type between the components in registry

Index Name	Type	Unique	Fields
COMPONENT_LINKS_PK_IND	NORMAL	Yes	FROM_COMPONENT_ID, TO_COMPONENT_ID
TO_COMP_ID_IDX	NORMAL	No	TO_COMPONENT_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
COMP_LINKS_COMP_FROM_FK_IND	FROM_COMPONENT_ID	PS4HSS	HSS_COMPONENT
COMP_LINKS_COMP_TO_FK_IND	TO_COMPONENT_ID	PS4HSS	HSS_COMPONENT

No External Foreign Keys

No Enabled Triggers

HSS_COMPONENT_PROPERTY_VALUES

This table stores the component properties as name value pair

Primary Key(s): COMPONENT_ID, PROPERTY_NAME

Field	Type	Nulls?	Comments
PROPERTY_NAME	VARCHAR2 (250)	No	Name of property of the registry component
PROPERTY_VALUE	VARCHAR2 (1500)	Yes	Value of the property of the registry component
COMPONENT_ID	VARCHAR2 (250)	No	Identity of the registry component

Index Name	Type	Unique	Fields
COMPONENT_PROPERTY_PK_IND	NORMAL	Yes	COMPONENT_ID, PROPERTY_NAME

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
COMP_PROP_VALUES_COMP_FK_IN D	COMPONENT_ID	PS4HSS	HSS_COMPONENT

No External Foreign Keys

No Enabled Triggers

HSS_COMPONENT_TIERS

This table defines the component tiers supported by registry

Primary Key(s): TIER_ID

Field	Type	Nulls?	Comments
TIER_ID	NUMBER	No	Identifies the tier for the component type
TIER_NAME	VARCHAR2 (250)	No	Name of the component tier

Index Name	Type	Unique	Fields
COMPONENT_TIERS_PK_IND	NORMAL	Yes	TIER_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
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Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
COMP_TYPES_COMP_TIERS_FK_IND	PS4HSS	HSS_COMPONENT_TYPES	TIER_ID

No Enabled Triggers

HSS_COMPONENT_TYPES

This table stores all the component types supported by the registry

Primary Key(s): COMPONENT_TYPE_ID

Field	Type	Nulls?	Comments
COMPONENT_TYPE_ID	NUMBER	No	Identifies the component type of the component
TYPE_NAME	VARCHAR2 (250)	Yes	Name of the component type
IS_REPLICABLE	VARCHAR2 (1)	Yes	Identifies if the component type can have multiple instances in a registry
TIER_ID	NUMBER	Yes	Identifies the component tier this component type belongs to

Index Name	Type	Unique	Fields
COMPONENT_TYPES_PK_IND	NORMAL	Yes	COMPONENT_TYPE_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
COMP_TYPES_COMP_TIERS_FK_IND	TIER_ID	PS4HSS	HSS_COMPONENT_TIERS

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
COMP_COMP_TYPES_FK_IND	PS4HSS	HSS_COMPONENT	COMPONENT_TYPE_ID

No Enabled Triggers

LCM_MIGRATION

This table is used for inserting the information related to migration. Whenever a migration is requested from LCM Command utility or LCM UI this table is updated first with the migration specific information

Primary Key(s): MIGRATION_ID

Field	Type	Nulls?	Comments
MIGRATION_ID	NUMBER (16)	No	Auto generated sequence number identifying unique migration_id
PACKAGE_NAME	NVARCHAR2 (512)	Yes	Name of the migration definition file, that initiated this migration

Field	Type	Nulls?	Comments
PCKGFILE_NAME	NVARCHAR2 (256)	Yes	Path to the migration definition file
PKG_STATUS	CHAR (2)	Yes	Status of the migration – can contain values like F- for failed, W- warning and S- success
STATUS_DETAILS	NVARCHAR2 (2000)	Yes	Column to store the migration status details – not being updated from PS1
START_TIME	NUMBER (16)	Yes	Start time of migration
END_TIME	NUMBER (16)	Yes	End time of migration
PKG_USER	NVARCHAR2 (128)	Yes	User who is executing the migration. ex. admin
NUM_TOTAL	NUMBER (10)	Yes	The total number of artifacts that are to be migrated in this migration
NUM_PASSED	NUMBER (10)	Yes	Column to store the number of artifacts that passed migration - currently not being updated
NUM_FAILED	NUMBER (10)	Yes	Number of failed artifacts in this migration
ORIGINATED_FROM	CHAR (2)	Yes	To signify the origin of this migration request for CLU or UI. U-for UI and C-for CLU
ORIGINATED_HOST	NVARCHAR2 (256)	Yes	Host details from where this request has originated
LOG_FILE	NVARCHAR2 (256)	Yes	Stores the path to the log file where the log file is saved for the current migration

Index Name	Type	Unique	Fields
SYS_C009870	NORMAL	Yes	MIGRATION_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SYS_C009876	PS4HSS	LCM_MIGRATION_TASK	MIGRATION_ID
SYS_C009878	PS4HSS	LCM_MIGRATION_TASK_DETAILS	MIGRATION_ID

Trigger Name	Type	Event	Body
LCM-MIGRATION_ID-TRIG	BEFORE EACH ROW	INSERT	BEGIN SELECT "LCM-MIGRATION_ID-SEQ".nextval INTO :new.MIGRATION_ID from DUAL; END;

LCM_MIGRATION_TASK

This table contains details of the all the tasks in a single migration. A single migration can contain multiple tasks

Primary Key(s): MIGRATION_ID, TASK_ID

Field	Type	Nulls?	Comments
MIGRATION_ID	NUMBER (16)	No	Foreign Key to the migration id of LCM_MIGRATION
TASK_ID	NUMBER (4)	No	Unique task identifier for a task in the migration
TASK_NAME	NVARCHAR2 (128)	Yes	Column stores the task number as provided in the migration definition file. By default this value is -1
FS_PATH	NVARCHAR2 (1024)	Yes	Stores the file system path if either source or target is file system
SRC_ID	NUMBER (4)	No	Unique number of the source connection in the migration definition file
TGT_ID	NUMBER (4)	No	Unique number of the target connection in the migration definition file
SRC_STATUS	CHAR (2)	Yes	Stores the source migration status. A- Status Started, B- Started and Failed, C- Completed Successfully, D- Completed but failed
TGT_STATUS	NUMBER	Yes	This column stores the execution order of task after sorting the tasks based on the order.xml, during migration. This is stored as a hexadecimal value
DETAILS	NVARCHAR2 (2000)	Yes	Column to store the migration status details
SRC_CONNTYPE	CHAR (2)	Yes	Value indicating the type of src connection A- Application type source and F- File system type source
SRC_APPID	NVARCHAR2 (256)	Yes	Application id/name of the source application. Ex Shared Services, sample
SRC_PROJNAME	NVARCHAR2 (256)	Yes	Application group name of the source application. Example Foundation, EssabseCluster-1
SRC_PRODCODE	VARCHAR2 (8)	Yes	Product Code of the source application, which is unique. Example HUB, ESBAPP, HP
SRC_HUB	VARCHAR2 (256)	Yes	Column to indicate the HSS details - Currently nothing gets updated at all
TGT_CONNTYPE	CHAR (2)	Yes	Value indicating the type of target connection A- Application type source and F- File system type source
TGT_APPID	NVARCHAR2 (256)	Yes	Application id/name of the target application. Ex Shared Services, sample

Field	Type	Nulls?	Comments
TGT_PROJNAME	NVARCHAR2 (256)	Yes	Application group name of the target application. Example Foundation, EssabseCluster-1
TGT_PRODCODE	VARCHAR2 (8)	Yes	Product code of the target application, which is unique. Example HUB, ESBAPP, HP
TGT_HUB	VARCHAR2 (256)	Yes	Column to indicate the HSS details - currently nothing gets updated at all
NUM_TOTAL	NUMBER (10)	Yes	Column stores the total no of artifacts to be migrated for this given task
NUM_PASSED	NUMBER (10)	Yes	Column stores the total no of artifacts migrated successfully for this given task
NUM_FAILED	NUMBER (10)	Yes	Column stores the total no of artifacts failed to migrate for this given task
ARTFCT_LISTING_FILE	NVARCHAR2 (64)	Yes	Path to the listing file of the source - currently nothing gets updated at all

Index Name	Type	Unique	Fields
IDX_LCM_MIG	NORMAL	No	MIGRATION_ID
SYS_C009875	NORMAL	Yes	MIGRATION_ID, TASK_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C009876	MIGRATION_ID	PS4HSS	LCM_MIGRATION

No External Foreign Keys

No Enabled Triggers

LCM_MIGRATION_TASK_DETAILS

Detailed failure information for each of the tasks in a migration. This table is used for populating the MSR details page in the UI for failed migrations

Primary Key(s):

Field	Type	Default	Nulls?	Comments
MIGRATION_ID	NUMBER (16)		No	Foreign key to the migration id from LCM_MIGRATION table
TASK_ID	NUMBER (4)		Yes	Foreign key to the task id from LCM_MIGRATION_TASK
IS_FOLDER	CHAR (1)		Yes	Indicates if the artifact is of type folder or not. N- No and Y- Yes

Field	Type	Default	Nulls?	Comments
ARTIFACT_PATH	NVARCHAR2 (2000)		Yes	Columns stores information about the failed artifact path as defined in the listing file. Can be null in case of failure in package/task processing or folder migration failure
ARTIFACT_NAME	NVARCHAR2 (512)		Yes	Column stores information about the name of the failed. Can be null in case of failure in package/task processing or folder migration failure
ARTIFACT_TYPE	NVARCHAR2 (128)		Yes	Column stores the type of the artifact. Can be null in case of failure in package/task processing or folder migration failure
DETAILS	NVARCHAR2 (2000)		Yes	Column to store the error code or the error message
MESSAGE_TYPE	CHAR (1)		Yes	Column indicating the type of error. A- Artifact Level, T- Task Level, P- Package level
STATUS_CODE	NUMBER	1	Yes	Column value indicates the error status type. 1 – Error , 2 – Warning, 3 – Info , 4 – No Issue , 5 – Error Code, 6 – Warning Code
MSG_VALUES	NVARCHAR2 (2000)		Yes	Column to store the parameter values of an error message if the error message is parameterized. Values will be comma separated
CLD_CODE	NUMBER (16)		Yes	
CLD_MSG	NVARCHAR2 (2000)		Yes	

Index Name	Type	Unique	Fields
IDX_LCM_TASK	NORMAL	No	TASK_ID
IDX_LCM_TASK_MIG	NORMAL	No	MIGRATION_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C009878	MIGRATION_ID	PS4HSS	LCM_MIGRATION

No External Foreign Keys

No Enabled Triggers

PRODUCT

This table is used to store the product related information used by Audit

Primary Key(s):

Field	Type	Nulls?	Comments
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Field	Type	Nulls?	Comments
PRODUCT_ID	VARCHAR2 (50)	No	Unique id
NAME	VARCHAR2 (255)	No	Product nName
CREATED_BY	VARCHAR2 (255)	Yes	User information who has registered the product
CREATED_DATE	DATE	Yes	Describes when the product is registered
MODIFIED_BY	VARCHAR2 (255)	Yes	User information who has modified the product
MODIFIED_DATE	DATE	Yes	Describes when the product was modified
HIDDEN	NUMBER	Yes	Describes whether the product is hidden or not

Index Name	Type	Unique	Fields
SYS_C009881	NORMAL	Yes	NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

QRTZ_BLOB_TRIGGERS

Each trigger type has its own table. the qrtz_blob_triggers table is one such table

Primary Key(s): TRIGGER_NAME, TRIGGER_GROUP

Field	Type	Nulls?
TRIGGER_NAME	VARCHAR2 (80)	No
TRIGGER_GROUP	VARCHAR2 (80)	No
BLOB_DATA	BLOB	Yes

Index Name	Type	Unique	Fields
SYS_C009950	NORMAL	Yes	TRIGGER_NAME, TRIGGER_GROUP

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C009951	TRIGGER_NAME	PS4HSS	QRTZ_TRIGGERS
SYS_C009951	TRIGGER_GROUP	PS4HSS	QRTZ_TRIGGERS

No External Foreign Keys

No Enabled Triggers

QRTZ_CALENDARS

The table contains the schedule for each job

Primary Key(s): CALENDAR_NAME

Field	Type	Nulls?
CALENDAR_NAME	VARCHAR2 (80)	No
CALENDAR	BLOB	No

Index Name	Type	Unique	Fields
SYS_C009959	NORMAL	Yes	CALENDAR_NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

QRTZ_CRON_TRIGGERS

One such table, which, in turn, references the QRTZ_TRIGGERS table

Primary Key(s): TRIGGER_NAME, TRIGGER_GROUP

Field	Type	Nulls?
TRIGGER_NAME	VARCHAR2 (80)	No
TRIGGER_GROUP	VARCHAR2 (80)	No
CRON_EXPRESSION	VARCHAR2 (80)	No
TIME_ZONE_ID	VARCHAR2 (80)	Yes

Index Name	Type	Unique	Fields
SYS_C009946	NORMAL	Yes	TRIGGER_NAME, TRIGGER_GROUP

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C009947	TRIGGER_NAME	PS4HSS	QRTZ_TRIGGERS
SYS_C009947	TRIGGER_GROUP	PS4HSS	QRTZ_TRIGGERS

No External Foreign Keys

No Enabled Triggers

QRTZ_FIRED_TRIGGERS

When a trigger is fired, the QRTZ_FIRED_TRIGGERS table stores job details

Primary Key(s): ENTRY_ID

Field	Type	Nulls?
ENTRY_ID	VARCHAR2 (95)	No
TRIGGER_NAME	VARCHAR2 (80)	No
TRIGGER_GROUP	VARCHAR2 (80)	No
IS_VOLATILE	VARCHAR2 (1)	No
INSTANCE_NAME	VARCHAR2 (80)	No
FIRED_TIME	NUMBER (13)	No
STATE	VARCHAR2 (16)	No
JOB_NAME	VARCHAR2 (80)	Yes
JOB_GROUP	VARCHAR2 (80)	Yes
IS_STATEFUL	VARCHAR2 (1)	Yes
REQUESTS_RECOVERY	VARCHAR2 (1)	Yes

Index Name	Type	Unique	Fields
SYS_C009969	NORMAL	Yes	ENTRY_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

QRTZ_JOB_DETAILS

The table stores job details

Primary Key(s): JOB_NAME, JOB_GROUP

Field	Type	Nulls?
JOB_NAME	VARCHAR2 (80)	No
JOB_GROUP	VARCHAR2 (80)	No
DESCRIPTION	VARCHAR2 (120)	Yes
JOB_CLASS_NAME	VARCHAR2 (128)	No
IS_DURABLE	VARCHAR2 (1)	No
IS_VOLATILE	VARCHAR2 (1)	No
IS_STATEFUL	VARCHAR2 (1)	No
REQUESTS_RECOVERY	VARCHAR2 (1)	No
JOB_DATA	BLOB	Yes

Index Name	Type	Unique	Fields
SYS_C009920	NORMAL	Yes	JOB_NAME, JOB_GROUP

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SYS_C009925	PS4HSS	QRTZ_JOB_LISTENERS	JOB_NAME
SYS_C009925	PS4HSS	QRTZ_JOB_LISTENERS	JOB_GROUP
SYS_C009935	PS4HSS	QRTZ_TRIGGERS	JOB_NAME
SYS_C009935	PS4HSS	QRTZ_TRIGGERS	JOB_GROUP

No Enabled Triggers

QRTZ_JOB_LISTENERS

The table stores the jobs associated with job triggers

Primary Key(s): JOB_NAME, JOB_GROUP, JOB_LISTENER

Field	Type	Nulls?
JOB_NAME	VARCHAR2 (80)	No
JOB_GROUP	VARCHAR2 (80)	No
JOB_LISTENER	VARCHAR2 (80)	No

Index Name	Type	Unique	Fields
SYS_C009924	NORMAL	Yes	JOB_NAME, JOB_GROUP, JOB_LISTENER

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C009925	JOB_NAME	PS4HSS	QRTZ_JOB_DETAILS
SYS_C009925	JOB_GROUP	PS4HSS	QRTZ_JOB_DETAILS

No External Foreign Keys

No Enabled Triggers

QRTZ_LOCKS

Stores information about any locks that are encountered by the system

Primary Key(s): LOCK_NAME

Field	Type	Nulls?
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Field	Type	Nulls?
LOCK_NAME	VARCHAR2 (40)	No

Index Name	Type	Unique	Fields
SYS_C009975	NORMAL	Yes	LOCK_NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

QRTZ_PAUSED_TRIGGER_GRP

The table stores information about the trigger groups that are paused by the system

Primary Key(s): TRIGGER_GROUP

Field	Type	Nulls?
TRIGGER_GROUP	VARCHAR2 (80)	No

Index Name	Type	Unique	Fields
SYS_C009961	NORMAL	Yes	TRIGGER_GROUP

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

QRTZ_SCHEDULER_STATE

The table saves the status of job schedules

Primary Key(s): INSTANCE_NAME

Field	Type	Nulls?
INSTANCE_NAME	VARCHAR2 (80)	No
LAST_CHECKIN_TIME	NUMBER (13)	No
CHECKIN_INTERVAL	NUMBER (13)	No
RECOVERER	VARCHAR2 (80)	Yes

Index Name	Type	Unique	Fields
SYS_C009973	NORMAL	Yes	INSTANCE_NAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

QRTZ_SIMPLE_TRIGGERS

Each trigger type has its own table. The QRTZ_SIMPLE_TRIGGERS table is one such table

Primary Key(s): TRIGGER_NAME, TRIGGER_GROUP

Field	Type	Nulls?
TRIGGER_NAME	VARCHAR2 (80)	No
TRIGGER_GROUP	VARCHAR2 (80)	No
REPEAT_COUNT	NUMBER (7)	No
REPEAT_INTERVAL	NUMBER (12)	No
TIMES_TRIGGERED	NUMBER (7)	No

Index Name	Type	Unique	Fields
SYS_C009941	NORMAL	Yes	TRIGGER_NAME, TRIGGER_GROUP

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C009942	TRIGGER_NAME	PS4HSS	QRTZ_TRIGGERS
SYS_C009942	TRIGGER_GROUP	PS4HSS	QRTZ_TRIGGERS

No External Foreign Keys

No Enabled Triggers

QRTZ_TRIGGERS

The table that schedules the job that is stored

Primary Key(s): TRIGGER_NAME, TRIGGER_GROUP

Field	Type	Nulls?
TRIGGER_NAME	VARCHAR2 (80)	No
TRIGGER_GROUP	VARCHAR2 (80)	No
JOB_NAME	VARCHAR2 (80)	No
JOB_GROUP	VARCHAR2 (80)	No
IS_VOLATILE	VARCHAR2 (1)	No

Field	Type	Nulls?
DESCRIPTION	VARCHAR2 (120)	Yes
NEXT_FIRE_TIME	NUMBER (13)	Yes
PREV_FIRE_TIME	NUMBER (13)	Yes
TRIGGER_STATE	VARCHAR2 (16)	No
TRIGGER_TYPE	VARCHAR2 (8)	No
START_TIME	NUMBER (13)	No
END_TIME	NUMBER (13)	Yes
CALENDAR_NAME	VARCHAR2 (80)	Yes
MISFIRE_INSTR	NUMBER (2)	Yes

Index Name	Type	Unique	Fields
SYS_C009934	NORMAL	Yes	TRIGGER_NAME, TRIGGER_GROUP
IDX_TRG	NORMAL	No	TRIGGER_NAME, TRIGGER_GROUP, JOB_NAME, JOB_GROUP

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C009935	JOB_NAME	PS4HSS	QRTZ_JOB_DETAILS
SYS_C009935	JOB_GROUP	PS4HSS	QRTZ_JOB_DETAILS

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SYS_C009942	PS4HSS	QRTZ_SIMPLE_TRIGGERS	TRIGGER_NAME
SYS_C009942	PS4HSS	QRTZ_SIMPLE_TRIGGERS	TRIGGER_GROUP
SYS_C009947	PS4HSS	QRTZ_CRON_TRIGGERS	TRIGGER_NAME
SYS_C009947	PS4HSS	QRTZ_CRON_TRIGGERS	TRIGGER_GROUP
SYS_C009951	PS4HSS	QRTZ_BLOB_TRIGGERS	TRIGGER_NAME
SYS_C009951	PS4HSS	QRTZ_BLOB_TRIGGERS	TRIGGER_GROUP
SYS_C009956	PS4HSS	QRTZ_TRIGGER_LISTENER S	TRIGGER_NAME
SYS_C009956	PS4HSS	QRTZ_TRIGGER_LISTENER S	TRIGGER_GROUP

No Enabled Triggers

QRTZ_TRIGGER_LISTENERS

The table stores details about trigger listeners that, in turn, start jobs

Primary Key(s): TRIGGER_NAME, TRIGGER_GROUP, TRIGGER_LISTENER

Field	Type	Nulls?
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Field	Type	Nulls?
TRIGGER_NAME	VARCHAR2 (80)	No
TRIGGER_GROUP	VARCHAR2 (80)	No
TRIGGER_LISTENER	VARCHAR2 (80)	No

Index Name	Type	Unique	Fields
SYS_C009955	NORMAL	Yes	TRIGGER_NAME, TRIGGER_GROUP, TRIGGER_LISTENER

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SYS_C009956	TRIGGER_NAME	PS4HSS	QRTZ_TRIGGERS
SYS_C009956	TRIGGER_GROUP	PS4HSS	QRTZ_TRIGGERS

No External Foreign Keys

No Enabled Triggers

REPOSITORY_OBJECTS

Primary Key(s): OBJECT_UUID

Field	Type	Nulls?
TENANT_ID	VARCHAR2 (256)	No
OBJECT_UUID	VARCHAR2 (256)	No
TYPE	VARCHAR2 (256)	No
PARENT_FOLDER_UUID	VARCHAR2 (256)	Yes
CREATION_DATE	TIMESTAMP(6)	Yes
AUTHOR	VARCHAR2 (256)	No
INTERNAL	NUMBER (1)	No
HIDDEN	NUMBER (1)	No
READ_ONLY	NUMBER (1)	No
VERSIONED	NUMBER (1)	No
CHECKEDOUT	NUMBER (1)	No
CHECKEDOUT_BY	VARCHAR2 (256)	Yes

Index Name	Type	Unique	Fields
PK_REPOSITORY_OBJECTS	NORMAL	Yes	OBJECT_UUID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

REPOSITORY_OBJECT_ACLS

Primary Key(s): OBJECT_UUID, SUBJECT_ID, SUBJECT_TYPE

Field	Type	Nulls?
OBJECT_UUID	VARCHAR2 (256)	No
SUBJECT_ID	VARCHAR2 (256)	No
SUBJECT_TYPE	VARCHAR2 (256)	No
ACL_TYPE	VARCHAR2 (256)	No

Index Name	Type	Unique	Fields
PK_REPOSITORY_OBJECT_ACLS	NORMAL	Yes	OBJECT_UUID, SUBJECT_ID, SUBJECT_TYPE

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

REPOSITORY_OBJECT_PROPERTIES

Primary Key(s): OBJECT_UUID, PROPERTY_NAME, VERSION_NUMBER

Field	Type	Nulls?
OBJECT_UUID	VARCHAR2 (256)	No
PROPERTY_NAME	VARCHAR2 (256)	No
PROPERTY_VALUE	BLOB	Yes
VERSION_NUMBER	NUMBER (19)	No
VERSION_COPIED	NUMBER (1)	Yes

Index Name	Type	Unique	Fields
PK_REP_OBJECT_PROPERTIES	NORMAL	Yes	OBJECT_UUID, PROPERTY_NAME,

Index Name	Type	Unique	Fields
			VERSION_NUMBER

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

REPOSITORY_OBJECT_PROP_INDEX

Primary Key(s): KEYWORD, VERSION_NUMBER, OBJECT_UUID

Field	Type	Nulls?
KEYWORD	VARCHAR2 (256)	No
TYPE	VARCHAR2 (256)	No
LONG_VALUE	NUMBER (19)	Yes
DATE_VALUE	TIMESTAMP(6)	Yes
STRING_VALUE	VARCHAR2 (1024)	Yes
VERSION_NUMBER	NUMBER (30)	No
OBJECT_UUID	VARCHAR2 (256)	No

Index Name	Type	Unique	Fields
REPOSITORY_OBJECT_PROP_INDEX	NORMAL	Yes	KEYWORD, VERSION_NUMBER, OBJECT_UUID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SMA_APPLICATION_CONFIG_MAP

This table is used to store the configuration set at the application level

Primary Key(s): APPLICATION_CONFIG_MAP_ID

Field	Type	Nulls?	Comments
APPLICATION_CONFIG_MAP_ID	VARCHAR2 (50)	No	Random UUID for each config_id of a particular task

Field	Type	Nulls?	Comments
CONFIG_ID	VARCHAR2 (50)	Yes	Holds the config_id value from SMA_CONFIG
APPLICATION_ID	VARCHAR2 (50)	Yes	Corresponding application id of a particular config_id
IS_ENABLED	NUMBER (1)	Yes	Describes whether this task is enabled for auditing or not at application level

Index Name	Type	Unique	Fields
SYS_C009883	NORMAL	Yes	APPLICATION_CONFIG_MAP_ID
IDX_APP_MAP	NORMAL	No	CONFIG_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
APP_CONFIG_MAP_FK1	CONFIG_ID	PS4HSS	SMA_CONFIG

No External Foreign Keys

No Enabled Triggers

SMA_AUDIT_AREA_DIM

This table holds the mapping of audit area's of a particular product

Primary Key(s): AUDIT_AREA_ID

Field	Type	Nulls?	Comments
AUDIT_AREA_ID	VARCHAR2 (50)	No	Random UUID for each audit area
AUDIT_AREA_NAME	VARCHAR2 (255)	Yes	Name of audit area
AUDIT_AREA_DESC	VARCHAR2 (255)	Yes	Description of the audit area
PRODUCT_ID	VARCHAR2 (50)	Yes	Holds product id to which the audit area belongs

Index Name	Type	Unique	Fields
SYS_C009885	NORMAL	Yes	AUDIT_AREA_ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SMA_TASK_DIM_SMA_AUDIT_AR_FK1	PS4HSS	SMA_TASK_DIM	AUDIT_AREA_ID

No Enabled Triggers

SMA_AUDIT_ATTRIBUTE_FACT

This table is a child table of SMA_AUDIT_FACT which contains the additional information of each audited record

Primary Key(s): AUDIT_ATTRIBUTE_ID

Field	Type	Nulls?	Comments
AUDIT_ATTRIBUTE_ID	VARCHAR2 (50)	No	Random UUID which is a primary key
AUDIT_FACT_ID	VARCHAR2 (50)	Yes	Random UUID which is a foreign key
ATTRIBUTE_NAME	VARCHAR2 (255)	Yes	Name of the attribute
ATTRIBUTE_OLD_VALUE	VARCHAR2 (300)	Yes	Old value of the specified attribute
ATTRIBUTE_CURR_VALUE	VARCHAR2 (300)	Yes	New or current value of the specified attribute
SEQ_NUM	VARCHAR2 (255)	Yes	This is a spare column, currently used for storing information for css specific audits

Index Name	Type	Unique	Fields
SYS_C009887	NORMAL	Yes	AUDIT_ATTRIBUTE_ID
IDX_ATTR_FACT	NORMAL	No	AUDIT_FACT_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SMA_AUDIT_ATTRIBUTE_FACT_FK1	AUDIT_FACT_ID	PS4HSS	SMA_AUDIT_FACT

No External Foreign Keys

No Enabled Triggers

SMA_AUDIT_FACT

This table is used to store the audited data, sent from various audit clients

Primary Key(s): AUDIT_FACT_ID

Field	Type	Nulls?	Comments
AUDIT_FACT_ID	VARCHAR2 (50)	No	Random UUID which is a primary key
USER_NAME	VARCHAR2 (2000)	Yes	Name of the user who performed auditing
TASK_ID	VARCHAR2 (50)	Yes	Id of the particular task which is audited
STARTTIME	TIMESTAMP(6)	Yes	The time auditing has started
ENDTIME	TIMESTAMP(6)	Yes	The time auditing has ended
STATUS	VARCHAR2 (255)	Yes	Defines the status of the operation, success or failure
APPLICATION_ID	VARCHAR2 (255)	Yes	Id of the application against which auditing is done
ARTIFACT_TYPE	VARCHAR2 (255)	Yes	Type of the artifact that got audited

Field	Type	Nulls?	Comments
ARTIFACT_NAME	VARCHAR2 (300)	Yes	Name of the artifact that got audited
OPTIONAL_TASKINFO	VARCHAR2 (255)	Yes	This is a spare column used in different ways – to store the product performing css audit tasks, to store the application name for audit configuration etc
APP_DISPLAY_NAME	VARCHAR2 (255)	Yes	Display name of the application
APP_GROUP_NAME	VARCHAR2 (255)	Yes	Project name to which the application belongs to

Index Name	Type	Unique	Fields
SYS_C009889	NORMAL	Yes	AUDIT_FACT_ID
IDX_FACT	NORMAL	No	TASK_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SMA_AUDIT_FACT_SMA_TASK_D_FK1	TASK_ID	PS4HSS	SMA_TASK_DIM

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SMA_AUDIT_ATTRIBUTE_FACT_FK1	PS4HSS	SMA_AUDIT_ATTRIBUTE_FACT	AUDIT_FACT_ID

No Enabled Triggers

SMA_CONFIG

This table holds the flattened mapping information of filter and product

Primary Key(s): CONFIG_ID

Field	Type	Nulls?	Comments
CONFIG_ID	VARCHAR2 (50)	No	Random UUID for each audit task ,which is also a primary key
FILTER_ID	VARCHAR2 (50)	Yes	Holds the filter_id value from SMA_FILTER_DIM
PRODUCT_ID	VARCHAR2 (50)	Yes	Holds the the product_id value from PRODUCT
TASK_ID	VARCHAR2 (50)	Yes	Holds the task_id value from SMA_TASK_DIM

Index Name	Type	Unique	Fields
SYS_C009891	NORMAL	Yes	CONFIG_ID
IDX_DIM	NORMAL	No	TASK_ID
IDX_CONFIG	NORMAL	No	FILTER_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SMA_CONFIG_SMA_FILTER_DIM_FK1	FILTER_ID	PS4HSS	SMA_FILTER_DIM
SMA_CONFIG_SMA_TASK_DIM_FK1	TASK_ID	PS4HSS	SMA_TASK_DIM

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
APP_CONFIG_MAP_FK1	PS4HSS	SMA_APPLICATION_CONFIG_MAP	CONFIG_ID
SMA_GLOBAL_CONFIG_MAP_SMA_FK1	PS4HSS	SMA_GLOBAL_CONFIG_MAP	CONFIG_ID
SMA_PROJECT_CONFIG_MAP_SM_FK1	PS4HSS	SMA_PROJECT_CONFIG_MAP	CONFIG_ID

No Enabled Triggers

SMA_FILTER_DIM

This table holds the filter information of the audit tasks

Primary Key(s): FILTER_ID

Field	Type	Nulls?	Comments
FILTER_ID	VARCHAR2 (50)	No	Random UUID which is also a primary key
FILTER_TYPE	VARCHAR2 (255)	Yes	Type of filter for a particular task
FILTER_DESC	VARCHAR2 (255)	Yes	Holds the description of the filter
TASK_ID	VARCHAR2 (50)	Yes	Holds the task id to which the filter belongs to

Index Name	Type	Unique	Fields
SYS_C009893	NORMAL	Yes	FILTER_ID
IDX_SMA_MAP	NORMAL	No	TASK_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SMA_FILTER_DIM_SMA_TASK_DIM_FK1	TASK_ID	PS4HSS	SMA_TASK_DIM

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SMA_CONFIG_SMA_FILTER_DIM_FK1	PS4HSS	SMA_CONFIG	FILTER_ID

No Enabled Triggers

SMA_GLOBAL_CONFIG_MAP

This table holds the configuration details stored at the global level

Primary Key(s): GLOBAL_CONFIG_MAP_ID

Field	Type	Nulls?	Comments
GLOBAL_CONFIG_MAP_ID	VARCHAR2 (50)	No	Random UUID for each config_id of a particular task
CONFIG_ID	VARCHAR2 (50)	Yes	Holds the config_id value from SMA_CONFIG
IS_ENABLED	NUMBER (1)	Yes	Describes whether this task is enabled for auditing or not
ENTITY_ID	VARCHAR2 (255)	Yes	This column is not set and which is currently not in use

Index Name	Type	Unique	Fields
SYS_C009895	NORMAL	Yes	GLOBAL_CONFIG_MAP_ID
IDX_PRO_MAP	NORMAL	No	CONFIG_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SMA_GLOBAL_CONFIG_MAP_SMA_FK1	CONFIG_ID	PS4HSS	SMA_CONFIG

No External Foreign Keys

No Enabled Triggers

SMA_GLOBAL_SETTING

This table holds the data for global audit settings for the environment

Primary Key(s):

Field	Type	Nulls?	Comments
GLOBAL_SETTING_ID	NUMBER	Yes	Unique number
ENABLE_AUDIT	NUMBER (1)	Yes	This describes whether auditing is enabled or not
GLB_SETTING_OVERRIDE	NUMBER (1)	Yes	This describes whether to use the same global level configuration at application and project level
ENABLE_AUDIT_LAST_MOD_BY	VARCHAR2 (255)	Yes	User information who has enabled or disabled audit
ENABLE_AUDIT_LAST_MOD_DATE	TIMESTAMP(6)	Yes	Describes when auditing is enabled or disabled
GLB_SETTING_LAST_MOD_BY	VARCHAR2 (255)	Yes	User information who has enabled or disabled global override settings

Field	Type	Nulls?	Comments
GLB_SETTING_LAST_MOD_DATE	TIMESTAMP(6)	Yes	Describes when global override setting is enabled or disabled

No Indexes

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SMA_PROJECT_CONFIG_MAP

This table is used to store the configuration set at App-Group level

Primary Key(s): PROJECT_CONFIG_MAP_ID

Field	Type	Nulls?	Comments
PROJECT_CONFIG_MAP_ID	VARCHAR2 (50)	No	Random UUID for each config_id of a particular task
CONFIG_ID	VARCHAR2 (50)	Yes	Holds the config_id value from SMA_CONFIG
PROJECT_ID	VARCHAR2 (50)	Yes	Corresponding project id of a particular config_id to which it belongs
IS_ENABLED	NUMBER (1)	Yes	Describes whether this task is enabled for auditing or not at project level

Index Name	Type	Unique	Fields
SYS_C009897	NORMAL	Yes	PROJECT_CONFIG_MAP_ID
IDX_TA_DIM	NORMAL	No	CONFIG_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SMA_PROJECT_CONFIG_MAP_SM_FK1	CONFIG_ID	PS4HSS	SMA_CONFIG

No External Foreign Keys

No Enabled Triggers

SMA_TASK_DIM

This table holds the mapping of audit tasks and audit areas to which it belongs

Primary Key(s): TASK_ID

Field	Type	Nulls?	Comments
TASK_ID	VARCHAR2 (50)	No	Random UUID for each audit task
TASK_NAME	VARCHAR2 (255)	Yes	Name of audit task
AUDIT_AREA_ID	VARCHAR2 (50)	Yes	Holds audit area id to which the audit task belongs

Index Name	Type	Unique	Fields
SYS_C009899	NORMAL	Yes	TASK_ID
IDX_TASK_AUDAREA	NORMAL	No	AUDIT_AREA_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
SMA_TASK_DIM_SMA_AUDIT_AR_FK1	AUDIT_AREA_ID	PS4HSS	SMA_AUDIT_AREA_DIM

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
SMA_AUDIT_FACT_SMA_TASK_D_FK1	PS4HSS	SMA_AUDIT_FACT	TASK_ID
SMA_CONFIG_SMA_TASK_DIM_FK1	PS4HSS	SMA_CONFIG	TASK_ID
SMA_FILTER_DIM_SMA_TASK_D_FK1	PS4HSS	SMA_FILTER_DIM	TASK_ID

No Enabled Triggers

SMA_TEMP_LCM_IN

This is a temporary table which are used for table joins to generate audit reports. Data in this table is deleted immediately after generating audit reports

Primary Key(s):

Field	Type	Nulls?	Comments
UUID	VARCHAR2 (100)	No	Primary key
USERNAME	VARCHAR2 (2000)	No	This holds the usernames which is used for generating audit reports for a particular user

Index Name	Type	Unique	Fields
SMA_USERNAME	NORMAL	Yes	USERNAME

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

SMA_TEMP_USER_IN

This is a temporary table which are used for table joins to generate audit reports. Data in this table is deleted immediately after generating audit reports

Primary Key(s):

Field	Type	Nulls?	Comments
UUID	VARCHAR2 (100)	No	Primary key
USERNAME	VARCHAR2 (2000)	No	This holds the usernames which is used for generating audit reports for a particular user

No Indexes

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

V8_KPS_ACTION_QUEUE14

Primary Key(s): ACTION_ID

Field	Type	Nulls?
ACTION_ID	NUMBER (19)	No
SOURCE_ID	VARCHAR2 (64)	No
INDEX_TYPE	NUMBER (9)	No
DOC_UUID	VARCHAR2 (64)	No
MIME_TYPE	VARCHAR2 (255)	No
RETRY_COUNT	NUMBER (9)	No
LOCK_OWNER	VARCHAR2 (255)	Yes
LOCK_TIME	DATE	Yes

Index Name	Type	Unique	Fields
SYS_C0010118	NORMAL	Yes	ACTION_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

V8_METATYPE14

Primary Key(s): META_TYPE_UUID

Field	Type	Nulls?
META_TYPE_UUID	VARCHAR2 (64)	No
NAME	VARCHAR2 (250)	No
DESCRIPTION	VARCHAR2 (250)	Yes
IS_BUILTIN	NUMBER (1)	No
DIRECTORY	VARCHAR2 (250)	Yes
ICON_CNTNR_UUID	VARCHAR2 (64)	Yes
IS_INLINABLE	NUMBER (1)	Yes
IS_INDEXABLE	NUMBER (1)	Yes
ACTIVE	NUMBER (1)	Yes
THUMB_CNTNR_UUID	VARCHAR2 (64)	Yes

Index Name	Type	Unique	Fields
PK_V8_METATYPE14	NORMAL	Yes	META_TYPE_UUID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

V8_MON_POLL14

Primary Key(s): MONITOR_ID

Field	Type	Nulls?
MONITOR_ID	NUMBER (19)	No
SOURCE_ID	VARCHAR2 (64)	No
LAST_POLL_TIME	DATE	Yes

Index Name	Type	Unique	Fields
SYS_C0010106	NORMAL	Yes	MONITOR_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

V8_SRCH_CONT_EVENT14

Primary Key(s): EVENT_ID

Field	Type	Nulls?
EVENT_ID	NUMBER (19)	No
EVENT_TYPE_ID	NUMBER (9)	No
META_TYPE_UUID	VARCHAR2 (64)	No
CONTAINER_UUID	VARCHAR2 (64)	No

Index Name	Type	Unique	Fields
SYS_C0010111	NORMAL	Yes	EVENT_ID

No Check Constraints

No Internal Foreign Keys

No External Foreign Keys

No Enabled Triggers

WKS_GROUP

Stores a group in the CSS system

Primary Key(s): ID

Field	Type	Nulls?	Comments
ID	NUMBER (10)	No	An identifier which is unique across all tables

Index Name	Type	Unique	Fields
SYS_C0010047	NORMAL	Yes	ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_WKS_GROUP_ID	ID	PS4HSS	WKS_IDENTITY

No External Foreign Keys

No Enabled Triggers

WKS_IDENTITY

Stores an identity

Primary Key(s): ID

Field	Type	Nulls?	Comments
ID	NUMBER (10)	No	An identifier which is unique across all tables
TYPE	VARCHAR2 (1)	No	The identity type is a (V)ersion, (P)roperty, (S)ubject, (U)ser, (G)roup, (R)ole
MODIFIED	VARCHAR2 (255)	No	The information detailing by whom and when modified the identity last

Index Name	Type	Unique	Fields
SYS_C0010029	NORMAL	Yes	ID

No Check Constraints

No Internal Foreign Keys

Primary Key as Foreign Key Constraint	Affected Schema	Affected Table	Affected Field
FK_WKS_GROUP_ID	PS4HSS	WKS_GROUP	ID
FK_WKS_IDENTITY_XREF_SOURCE_ID	PS4HSS	WKS_IDENTITY_XREF	SOURCE_ID
FK_WKS_IDENTITY_XREF_TARGET_ID	PS4HSS	WKS_IDENTITY_XREF	TARGET_ID
FK_WKS_PROPERTY_ID	PS4HSS	WKS_PROPERTY	ID
FK_WKS_ROLE_ID	PS4HSS	WKS_ROLE	ID
FK_WKS_SUBJECT_ID	PS4HSS	WKS_SUBJECT	ID
FK_WKS_USER_ID	PS4HSS	WKS_USER	ID
FK_WKS_VERSION_ID	PS4HSS	WKS_VERSION	ID

No Enabled Triggers

WKS_IDENTITY_XREF

Stores the relationship between two identities

Primary Key(s): SOURCE_ID, TARGET_ID

Field	Type	Nulls?	Comments
SOURCE_ID	NUMBER (10)	No	The source identity identifier which is unique across all tables
TARGET_ID	NUMBER (10)	No	The target identity identifier which is unique across all tables

Index Name	Type	Unique	Fields
SYS_C0010032	NORMAL	Yes	SOURCE_ID, TARGET_ID
WKSNDNTTYXRFFKWKSNDNTTYXRF SRCEID	NORMAL	No	SOURCE_ID
WKSNDNTTYXRFFKWKSNDNTTYXRF TRGTID	NORMAL	No	TARGET_ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_WKS_IDENTITY_XREF_SOURCE_ID	SOURCE_ID	PS4HSS	WKS_IDENTITY
FK_WKS_IDENTITY_XREF_TARGET_ID	TARGET_ID	PS4HSS	WKS_IDENTITY

No External Foreign Keys

No Enabled Triggers

WKS_PROPERTY

Stores a property for a subject in the CSS system

Primary Key(s): ID

Field	Type	Nulls?	Comments
ID	NUMBER (10)	No	An identifier which is unique across all tables
NAME	VARCHAR2 (255)	No	The property name
VAL	CLOB	No	The property value
ORD	NUMBER (10)	No	The property order is -1 for single-valued, otherwise 0-based for multi-valued

Index Name	Type	Unique	Fields
SYS_C0010040	NORMAL	Yes	ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_WKS_PROPERTY_ID	ID	PS4HSS	WKS_IDENTITY

No External Foreign Keys

No Enabled Triggers

WKS_ROLE

Stores a role in the CSS system

Primary Key(s): ID

Field	Type	Nulls?	Comments
ID	NUMBER (10)	No	An identifier which is unique across all tables

Index Name	Type	Unique	Fields
SYS_C0010049	NORMAL	Yes	ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_WKS_ROLE_ID	ID	PS4HSS	WKS_IDENTITY

No External Foreign Keys

No Enabled Triggers

WKS_SUBJECT

Stores a subject in the CSS system

Primary Key(s): ID

Field	Type	Nulls?	Comments
ID	NUMBER (10)	No	An identifier which is unique across all tables
NAME	VARCHAR2 (255)	No	The subject name which is a CSS identity

Index Name	Type	Unique	Fields
SYS_C0010043	NORMAL	Yes	ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_WKS_SUBJECT_ID	ID	PS4HSS	WKS_IDENTITY

No External Foreign Keys

No Enabled Triggers

WKS_USER

Stores a user in the CSS system

Primary Key(s): ID

Field	Type	Nulls?	Comments
ID	NUMBER (10)	No	An identifier which is unique across all tables

Index Name	Type	Unique	Fields
SYS_C0010045	NORMAL	Yes	ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_WKS_USER_ID	ID	PS4HSS	WKS_IDENTITY

No External Foreign Keys

No Enabled Triggers

WKS_VERSION

Stores version information for maintenance and upgrades

Primary Key(s): ID

Field	Type	Nulls?	Comments
ID	NUMBER (10)	No	An identifier which is unique across all tables
INFO	VARCHAR2 (255)	No	The version information

Index Name	Type	Unique	Fields
SYS_C0010035	NORMAL	Yes	ID

No Check Constraints

Internal Foreign Key Constraint	Affected Field	Source Schema	Source Table
FK_WKS_VERSION_ID	ID	PS4HSS	WKS_IDENTITY

No External Foreign Keys

No Enabled Triggers