Oracle Fusion Customer Queries

Oracle Fusion Tables:

Base Tables	Descriptions
HZ_PARTIES	Foundational part of Oracle's Trading Community Architecture (TCA). Trading Partner can be on 3 types • **Person** (e.g., Jane Doe) • **Organization** (e.g., Oracle Corporation) • **Group** (e.g., World Wide Web Consortium)
HZ_PARTY_SITES	Location details like the Address related to a party
HZ_CUST_ACCOUNTS	Contain details about customer accounts or business relationships that the deploying company has formed with parties classified as either Organizations or Individuals
HZ_LOCATIONS	Postal Address, physical location of party site.
HZ_ORIG_SYSTEMS_B HZ_ORIG_SYSTEMS_TL	Source systems are systems that load data into the TCA Registry
HZ_ORIG_SYS_REFERENCES	source system references details stored.
HZ_RELATIONSHIPS	Relationship between the party and the contact person details.
HZ_CUST_ACCT_SITES_ALL	Store Customer Site against the Oracle Business Unit.
HZ_CUST_SITE_USES_ALL	Purpose of the Site either Bill-To , Ship-To , Dunning Letter.
HZ_CUST_ACCOUNT_ROLES	A role or function that a party performs to a customer account.
HZ_CONTACT_POINTS	Communication to the contact person either by Phone, Website URL, or Email.
HZ_GEOGRPHIES	Stores Geography detail and its Address format.

Quick Access Queries

1. Customer Account and Addresses

   Query to Fetch Customer details at Account, Address, Sites, and Site Uses.

```sql
select
hca.CUST_ACCOUNT_ID
,hca.PARTY_ID cust_acct_party_id
,hca.ACCOUNT_NUMBER
,hca.ORIG_SYSTEM_REFERENCE Acct_orig_sys_ref
,hp.PARTY_NUMBER
,hp.PARTY_NAME
,hp.PARTY_TYPE
,hp.ORIG_SYSTEM_REFERENCE party_orig_sys_ref
,hcas.CUST_ACCT_SITE_ID
,hcas.PARTY_SITE_ID
,hcas.ORIG_SYSTEM_REFERENCE acct_site_orig_sys_ref
,hcas.STATUS acct_site_status
,hcas.SET_ID acct_site_set_id
,hps.LOCATION_ID
,hps.PARTY_ID
,hps.PARTY_SITE_NUMBER
,hl.ORIG_SYSTEM_REFERENCE loc_orig_sys_ref
,hl.COUNTRY
,hl.address1
,hl.address2
,hl.address3
,hl.address4
,hl.CITY
,hl.STATE
,hl.POSTAL_CODE
,hcsu.SITE_USE_ID
,hcsu.SITE_USE_CODE
,hcsu.STATUS                        site_use_status
,hcsu.LOCATION
,hcsu.SET_ID                        site_user_set_id
,acct_osr.ORIG_SYSTEM              acct_osr_system
,acct_osr.ORIG_SYSTEM_REFERENCE    acct_osr_value
,party_osr.ORIG_SYSTEM             party_osr_system
,party_osr.ORIG_SYSTEM_REFERENCE   party_osr_value
,site_osr.ORIG_SYSTEM              site_osr_system
,site_osr.ORIG_SYSTEM_REFERENCE    site_osr_value
,loc_osr.ORIG_SYSTEM                  loc_osr_system
,loc_osr.ORIG_SYSTEM_REFERENCE        loc_osr_value
from
hz_cust_accounts hca
,hz_parties hp
,hz_cust_acct_sites_all hcas
,hz_party_sites hps
,hz_locations hl
,hz_cust_site_uses_all hcsu
,HZ_ORIG_SYS_REFERENCES acct_osr
,HZ_ORIG_SYS_REFERENCES party_osr
,HZ_ORIG_SYS_REFERENCES site_osr
,HZ_ORIG_SYS_REFERENCES loc_osr
where
 hca.party_id=hp.PARTY_ID
 and hca.CUST_ACCOUNT_ID=hcas.CUST_ACCOUNT_ID
 and hcas.PARTY_SITE_ID=hps.PARTY_SITE_ID
 and hps.location_id=hl.location_id
 and hcas.CUST_ACCT_SITE_ID=hcsu.CUST_ACCT_SITE_ID
```

```
and acct_osr.OWNER_TABLE_NAME='HZ_CUST_ACCOUNTS'
and acct_osr.OWNER_TABLE_ID=hca.CUST_ACCOUNT_ID
and party_osr.OWNER_TABLE_NAME='HZ_PARTIES'
and party_osr.OWNER_TABLE_ID=hp.PARTY_ID
 and site_osr.OWNER_TABLE_NAME='HZ_CUST_ACCT_SITES_ALL'
and site_osr.OWNER_TABLE_ID=hcas.CUST_ACCT_SITE_ID
 and loc_osr.OWNER_TABLE_NAME='HZ_LOCATIONS'
 and loc_osr.OWNER_TABLE_ID=hps.LOCATION_ID
 and hps.PARTY_SITE_NUMBER =:P_SITE_NUMBER – Query for Particular Customer Site
 and hca.account_number=:P_ACCT_NUMBER – Query for particular Customer Account Number
```

2. Customer Account and Contact Details
Query to fetch customer details in the account and the contact person details.

```sql
select
    hca.CUST_ACCOUNT_ID              ,
    hca.PARTY_ID cust_acct_party_id          ,
    hca.ACCOUNT_NUMBER               ,
    hcas.CUST_ACCT_SITE_ID               ,
    hcas.PARTY_SITE_ID               ,
    hps.PARTY_SITE_NUMBER                ,
    hp.PARTY_NUMBER                  ,
    hp.PARTY_NAME                ,
    hp.PARTY_TYPE                ,
    hp.party_id                  ,
    hp.PERSON_FIRST_NAME                 ,
    hp.PERSON_MIDDLE_NAME                ,
    hp.PERSON_LAST_NAME              ,
    party_osr.ORIG_SYSTEM         party_osr_system ,
    party_osr.ORIG_SYSTEM_REFERENCE party_osr_value
from
    hz_cust_accounts    hca ,
    hz_cust_acct_sites_all hcas ,
    hz_party_sites       hps ,
    HZ_CUST_ACCOUNT_ROLES  HCAR ,
    HZ_RELATIONSHIPS    HR ,
    HZ_PARTIES          HP ,
    HZ_ORIG_SYS_REFERENCES party_osr
where
    1             =1
and   hca.CUST_ACCOUNT_ID     =hcas.CUST_ACCOUNT_ID
and   hcas.PARTY_SITE_ID      =hps.PARTY_SITE_ID
and   hca.cust_account_id     = hcar.cust_account_id
and   hcas.cust_acct_site_id   = hcar.cust_acct_site_id
and   HCAR.RELATIONSHIP_ID    =HR.RELATIONSHIP_ID
and   HP.party_id         =HR.Object_id
and   HR.object_type       = 'PERSON'
and   party_osr.OWNER_TABLE_NAME='HZ_PARTIES'
and   party_osr.OWNER_TABLE_ID  =hp.PARTY_ID
and   hps.PARTY_SITE_NUMBER =:P_SITE_NUMBER
and   hca.account_number=:P_ACCT_NUMBER – Query for Customer Account detail
and   hp.PARTY_NAME=:P_PARTY_NAME – Query for Contact Person detail
```

3. Customer Account and Contact Point Details
Query to fetch customer details in the account, contact person and contact points details.

```sql
select
    hca.CUST_ACCOUNT_ID                         ,
    hca.PARTY_ID cust_acct_party_id                 ,
    hca.ACCOUNT_NUMBER                      ,
    hcas.CUST_ACCT_SITE_ID                      ,
    hcas.PARTY_SITE_ID                  ,
    hps.PARTY_SITE_NUMBER                   ,
    hp.PARTY_NUMBER                     ,
    hp.PARTY_NAME                   ,
    hp.PARTY_TYPE                   ,
    hp.party_id                 ,
    hp.PERSON_FIRST_NAME                    ,
    hp.PERSON_MIDDLE_NAME                       ,
    hp.PERSON_LAST_NAME                     ,
    party_osr.ORIG_SYSTEM           party_osr_system        ,
    party_osr.ORIG_SYSTEM_REFERENCE         party_osr_value         ,
    HCP_PHONE.CONTACT_POINT_TYPE            PHONE_CP_TYPE       ,
    HCP_PHONE.CONTACT_POINT_ID          PHONE_CP_ID         ,
    HCP_PHONE.STATUS            PHONE_STATUS         ,
    HCP_PHONE.PRIMARY_FLAG          PHONE_PRIMARY_FLAG      ,
    HCP_PHONE.PHONE_AREA_CODE||HCP_PHONE.PHONE_NUMBER PHONE_NO          ,
    HCP_EMAIL.CONTACT_POINT_TYPE            EMAIL_CP_TYPE       ,
    HCP_EMAIL.CONTACT_POINT_ID          EMAIL_CP_ID         ,
    HCP_EMAIL.STATUS            EMAIL_STATUS         ,
    HCP_EMAIL.PRIMARY_FLAG          EMAIL_PRIMARY_TYPE      ,
    HCP_EMAIL.EMAIL_ADDRESS                 ,
    phone_osr.ORIG_SYSTEM       Phone_osr_system            ,
    phone_osr.ORIG_SYSTEM_REFERENCE Phone_osr_value             ,
    email_osr.ORIG_SYSTEM       Email_osr_system            ,
    email_osr.ORIG_SYSTEM_REFERENCE Email_osr_value             ,
    cust_osr.ORIG_SYSTEM        Cust_osr_system         ,
    cust_osr.ORIG_SYSTEM_REFERENCE  Cust_osr_value          ,
    site_osr.ORIG_SYSTEM        Site_osr_system         ,
    site_osr.ORIG_SYSTEM_REFERENCE  Site_osr_value
from
    hz_cust_accounts    hca     ,
    hz_cust_acct_sites_all hcas     ,
    hz_party_sites      hps     ,
    HZ_CUST_ACCOUNT_ROLES  HCAR     ,
    HZ_RELATIONSHIPS    HR      ,
    HZ_PARTIES      HP      ,
    HZ_CONTACT_POINTS   HCP_EMAIL ,
    HZ_CONTACT_POINTS   HCP_PHONE ,
    HZ_ORIG_SYS_REFERENCES party_osr ,
    HZ_ORIG_SYS_REFERENCES phone_osr ,
    HZ_ORIG_SYS_REFERENCES email_osr ,
    HZ_ORIG_SYS_REFERENCES cust_osr ,
    HZ_ORIG_SYS_REFERENCES site_osr
where
    1           =1
and hca.CUST_ACCOUNT_ID     =hcas.CUST_ACCOUNT_ID
and hcas.PARTY_SITE_ID      =hps.PARTY_SITE_ID
and hca.cust_account_id     = hcar.cust_account_id
and hcas.cust_acct_site_id      = hcar.cust_acct_site_id
and HCAR.RELATIONSHIP_ID        =HR.RELATIONSHIP_ID
and HP.party_id         =HR.Object_id
and HR.object_type      = 'PERSON'
and HCP_EMAIL.OWNER_TABLE_NAME( +)='HZ_PARTIES'
```

```
and    HCP_EMAIL.OWNER_TABLE_ID(   +)=HP.party_id
and    HCP_EMAIL.CONTACT_POINT_TYPE(+)='EMAIL'
and    HCP_PHONE.OWNER_TABLE_NAME( +)='HZ_PARTIES'
and    HCP_PHONE.OWNER_TABLE_ID(   +)=HP.party_id
and    HCP_PHONE.CONTACT_POINT_TYPE(+)='PHONE'
and    party_osr.OWNER_TABLE_NAME   ='HZ_PARTIES'
and    party_osr.OWNER_TABLE_ID     =hp.PARTY_ID
and    phone_osr.OWNER_TABLE_NAME(+) ='HZ_CONTACT_POINTS'
and    phone_osr.OWNER_TABLE_ID( +) =HCP_PHONE.CONTACT_POINT_ID
and    email_osr.OWNER_TABLE_NAME(+) ='HZ_CONTACT_POINTS'
and    email_osr.OWNER_TABLE_ID( +) =HCP_EMAIL.CONTACT_POINT_ID
and    cust_osr.OWNER_TABLE_NAME    ='HZ_PARTIES'
and    cust_osr.OWNER_TABLE_ID      =hca.PARTY_ID
and    site_osr.OWNER_TABLE_NAME    ='HZ_PARTY_SITES'
and    site_osr.OWNER_TABLE_ID      =hps.PARTY_SITE_ID
and    hps.PARTY_SITE_NUMBER =:P_SITE_NUMBER
and    hca.account_number=:P_ACCT_NUMBER
and    hp.PARTY_NAME=:P_PARTY_NAME
```