

Setup RMAN User, Catalog & Register

MAKE SURE ALL DATABASE have PASSWORD FILE

```

sqlplus system/manager@rman << __1

drop user rman_TEST cascade;

create user rman_TEST identified by rman_TEST
  default tablespace users
  temporary tablespace ts_temp
  quota unlimited on users
  quota unlimited on ts_temp ;
grant connect , resource, recovery_catalog_owner to rman_TEST;
exit
__1
# create the catalog
rman catalog rman_TEST/rman_TEST@rman << __2
create catalog;
exit
__2
rman target \"sys/pass9999@TEST as sysdba\" \
catalog rman_TEST/rman_TEST@rman << __3
register database ;
EXIT
__3

```

SURENDER
SARA

Incremental Backup Script

```

resync catalog;
change archivelog all validate;

run{
allocate channel c1 type 'SBT_TAPE';
allocate channel c2 type 'SBT_TAPE';
backup
  format '/intr/cf_t%t_s%s_p%p'
  (current controlfile);
backup
  incremental level 0
  tag db_intr_0
  filesperset 5
  format '/intr/df_t%t_s%s_p%p'
  (database);
sql 'alter system archive log current';
backup
  filesperset 20
  format '/intr/rl_t%t_s%s_p%p'
  (archivelog all delete input);
release channel c1;
release channel c2;
}

```

Full Backup Script – Hot Backup – Target DB in Archivelog Mode

```

run {
  allocate channel c1 type disk;
  set limit channel c1 kbytes 500000;
  backup full
  filesperset 2
  (database format '/rman_backup/BACKUP/TEST_data_%U');
  sql "alter system archive log current";
  backup filesperset 10
  format '/rman_backup/BACKUP/TEST_arch%U'
  (archivelog all );
  release channel c1;
}
exit;

```

SURENDER
SARA

Full Backup Script – To Tape

```

run {
  allocate channel t1 type 'SBT_TAPE';
  backup
  format 'db_%d_t%t_s%s_p%p'
  (database);
  sql 'alter system archive log current';
  backup
  format 'arch_%d_t%t_s%s_p%p'
  (archivelog all delete input);
}

```

Recover Specific Datafile

```

run
{
  allocate channel c1 type disk;
  sql 'alter database datafile 2 offline drop';
  restore datafile 2;
  recover datafile 2;
  release channel c1;
}

```

RMAN



COMPLETE RECOVERY script using current controlfile

```

run {
  allocate channel d1 type disk;
  restore database;
  sql 'alter database mount';
  recover database;
}

```

COMPLETE RECOVERY script using backup controlfile

```

run {
  allocate channel d1 type disk;
  restore controlfile;
  restore database;
  sql 'alter database mount';
  recover database;
  sql 'alter database open resetlogs';
}

```

INCOMPLETE RECOVERY script using backup controlfile

-- Required if there are gaps in log sequence

```

run {
  SET UNTIL logseq = 6 thread = 1;
  allocate channel d1 type disk ;
  restore controlfile;
  restore database;
  sql 'alter database mount';
  recover database;
  sql 'alter database open resetlogs';
}

```

INCOMPLETE RECOVERY script using backup controlfile

-- Required if there are gaps in log sequence

```

run {
  # recover database until specific time
  allocate channel dev1 type 'SBT_TAPE';
  set until time 'Apr 20 2003 12:15:00';
  sql "alter database mount" ;
  restore database;
  switch datafile all;
  recover database;
  sql "alter database open resetlogs";
  release channel dev1;
}

```