

Planteamiento:

La solución planteada involucra realizar el backup una vez al día, en la cual se garantice el menor flujo de información. Este backup será de tipo parcial puesto que se necesitaría únicamente hacer respaldos de los datafiles.

Script

```
shutdown immediate;
```

```
startup mount;
```

```
alter database archivelog;
```

```
alter database open;
```

```
select name, log_mode from v$database;
```

```
archive log list
```

```
create tablespace RMAN_TS datafile
```

```
'C:\app\estudiante\product\21c\oradata\XE\RMAN_TS.dbf' size 300M;
```

```
ALTER SESSION SET "_ORACLE_SCRIPT" = TRUE;
```

```
CREATE USER RMAN_USER IDENTIFIED BY root123 DEFAULT TABLESPACE  
RMAN_TS QUOTA UNLIMITED ON RMAN_TS;
```

```
GRANT RECOVERY_CATALOG_OWNER TO RMAN_USER;
```

```
GRANT CONNECT, RESOURCE TO RMAN_USER;
```

```
EXIT
```

```
RMAN
```

```
CONNECT CATALOG RMAN_USER
```

```
CREATE CATALOG TABLESPACE RMAN_TS;
```

```
rman target=/catalog RMAN_USER
```

```
REGISTER DATABASE;
```

```
backup database;
```

```
RESTORE VALIDATE DATABASE;
```

```
SHOW ALL;
```

```
CREATE UNDO TABLESPACE UNDOTBS02 DATAFILE  
'C:\app\estudiante\product\21c\oradata\XE\UNDOTBS02.db' SIZE 100M;
```

```
ALTER SYSTEM SET UNDO_MANAGEMENT = AUTO;
```

```
SHOW PARAMETERS UNDO
```