Topic:- Database Auditing

(as sysdba)

SQL) Select username from dba_users;

SQL) audit table by wysheid;   82
&username

SQL) des dba_stmt_audit_optionsopts;

SQL) Select user_name, audit_option, success, failure from
          dba_stmt_audit_options order by username
          order by user_name;

SQL) Set linesize 180

SQL)

By Access:- Access also will be logged/Audited
By failure:- failure also will be Audited.

→ as wysheid:-
          $ Sqlplus wysheid/oralle
SQL) create table my new tab (name varchar2(100));

→ as sysdba user:- (Statement level Auditing)

SQL) Select username, timestamp, action_name from
          dba_audit_trail where username = 'WYSHEID';

SQL) desc dba_audit_trail;

SQL) Select userhost, username, timestamp, action_name
          from dba_audit_trail where username = 'WYSHEID'.

SQL) Col USERHOST for a40;

SQL) Col OS_USERNAME for a30;

SQL) desc dba_audit_trail;

→ Privilege level Auditing:-

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SQL) audit create any table by wysheid;

SQL) Select Privilege, user_name, from dba_priv_audit_
OPts where user_name = 'WYSHEID';

SQL) grant dba to wysheid;

→ as wysheid:-

SQL) Create table scott.testtab(name varchar2(100));

New as sysdba:-

SQL) Select userhost, os_username, username, timestamp,
action_name, from dba_audit_trail where
username = 'WYSHEID';

SQL) Select username, timestamp, action_name, sys_privilege,
priv_used from dba_audit_trail where username = 'WYSHEID';

⇒ Object level Auditing:-

SQL) audit ~~select~~ insert on scott.testtab;

@ wysheid user from:

SQL) insert into scott.testtab values ('wysheid');

SQL) commit;

@ wysheid
~~sysdba~~ Terminal :—

SQL) Select username, ~~timestamp~~, owner, Object_name,
    Object_type, ins, sel from dba_obj_audit_opts
    where ~~&~~ owner = 'SCOTT';

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SQL>

@ sysdba Term :—

SQL) Select owner, ~~object_name~~ timestamp, action_name,
    sys_privilege, priv_used from dba_audit_trail where
    where username = 'WYSHEID';

SQL)