Example 1 (Turn off Adaptive features and Statistics feedback)

SET SERVEROUTPUT ON SIZE 1000000

declare

        v1      varchar2(300);

begin

        v1 :=   dbms\_sqldiag.create\_sql\_patch(

                 sql\_id  => '4u7xxk6upy8xc',

                 name    => 'NO\_ADAPTIVE\_NO\_FEED',

                 hint\_text => 'opt\_param(''\_optimizer\_adaptive\_plans'' ''false'') opt\_param(''\_optimizer\_use\_feedback'' ''false'') '

                );

        dbms\_output.put\_line(v1);

end;

/

## Get SQL Patch hint and other info. Verify if SQL Patch enabled…

Login to DBAartisan as sys

select

prf.plan\_name,

prf.sql\_text,

prf.signature,

extractvalue(value(hnt),'.') hint

from

(

select

so.name plan\_name,

so.signature,

so.category,

so.obj\_type,

so.plan\_id,

st.sql\_text,

sod.comp\_data

from

sqlobj$ so,

sqlobj$data sod,

sql$text st

where

sod.signature = so.signature

and st.signature = so.signature

and st.signature = sod.signature

and sod.category = so.category

and sod.obj\_type = so.obj\_type

and sod.plan\_id = so.plan\_id

and so.obj\_type = 3

and so.name = **'NO\_ADAPTIVE\_NO\_FEED'**

order by

signature, obj\_type, plan\_id

) prf,

table (

select

xmlsequence(

extract(xmltype(prf.comp\_data),'/outline\_data/hint')

)

from

dual ) hnt;

Example 2 (adding hint NO\_USE\_HASH\_AGGREGATION)

SET SERVEROUTPUT ON SIZE 1000000

declare

v1 varchar2(300);

begin

v1 := dbms\_sqldiag.create\_sql\_patch(

sql\_id => '1hfjk271pca70',

name => 'NO\_USE\_HASH\_AGGREGATION\_1hfjk271pca70',

hint\_text => 'NO\_USE\_HASH\_AGGREGATION'

);

dbms\_output.put\_line(v1);

end;

/

## Get SQL Patch hint and other info. Verify if SQL Patch enabled…

Login to DBAartisan as sys

select

prf.plan\_name,

prf.sql\_text,

prf.signature,

extractvalue(value(hnt),'.') hint

from

(

select

so.name plan\_name,

so.signature,

so.category,

so.obj\_type,

so.plan\_id,

st.sql\_text,

sod.comp\_data

from

sqlobj$ so,

sqlobj$data sod,

sql$text st

where

sod.signature = so.signature

and st.signature = so.signature

and st.signature = sod.signature

and sod.category = so.category

and sod.obj\_type = so.obj\_type

and sod.plan\_id = so.plan\_id

and so.obj\_type = 3

and so.name Like '%NO\_USE\_HASH\_AGGREGATION%'

order by

signature, obj\_type, plan\_id

) prf,

table (

select

xmlsequence(

extract(xmltype(prf.comp\_data),'/outline\_data/hint')

)

from

dual ) hnt;

# To see if SQL Patch in use after next execution

select \* from table(dbms\_xplan.display\_cursor('1hfjk271pca70', null, 'basic +note'));

Example 3 ("optimizer\_index\_cost\_adj" ,1)

SET SERVEROUTPUT ON SIZE 1000000

declare

v1 varchar2(300);

begin

v1 := dbms\_sqldiag.create\_sql\_patch(

sql\_id => '8ms2zu9q82x6j',

name => '8ms2zu9q82x6j\_SQLPATCH',

hint\_text => 'OPT\_PARAM("optimizer\_index\_cost\_adj" ,1)'

);

dbms\_output.put\_line(v1);

end;

/