



Database grants requirements for idbasol

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If you are running idbasol Demo or Light version, then use Section A which is the shortest and simplest. Section B can be used for any version of idbasolutions including idbasol Regular version, Light or with Ebusiness. If you rather do each step manually your self then choose Section C. If you choose Section B then following steps in Section C is not required.

Section A:

→ If you run **idbasol Free Demo version** or **idbasol Light** version, create the following user:

```
CREATE USER idbasol IDENTIFIED BY idbasol;
```

→ **For security reasons** please make sure to change the password to something more secure.

```
GRANT CREATE SESSION TO idbasol ;  
GRANT CONNECT TO idbasol;  
GRANT SELECT ANY DICTIONARY To idbasol ;  
GRANT SELECT_CATALOG_ROLE To idbasol ;  
GRANT CREATE SYNONYM To idbasol;
```

→ You are done and now can startup idbasolutions Demo or Light and logon as idbasol.

Please note that Method A does not create all that is needed if you run idbasolutions Regular or Ebusiness version.

Section B:

→ If you are running **any version of idbasolutions** including idbasol Regular version or with Ebusiness.

Use a script to create idbasol user:

1) Please download idbasol_grants.sql from <http://www.idbasolutions.com/en/support.html>

2) Logon to Oracle as sysdba

3) Execute the SQL: @idbasol_grants.txt

4) If you run idbasol with Ebusiness module do these additional grants:

Logon as apps

```
grant select on APPS.FND_CONC_REQ_SUMMARY_V to idbasol ;  
grant select on APPS.fnd_concurrent_requests to idbasol ;  
grant select on APPS.FND_CONCURRENT_REQUESTS to idbasol ;  
grant select on APPS.FND_USER to idbasol ;  
grant select on APPS.FND_USER_RESP_GROUPS to idbasol ;  
grant select on APPS.fnd_logins to idbasol ;  
grant select on APPS.FND_RESPONSIBILITY_TL to idbasol ;
```

→ You are done, you can now startup idbasolutions and logon as idbasol.

Section C:

If you rather do the steps manually then please continue reading this document.

Quick overview of steps in this document:

- 1) Create a new database user.
- 2) Additional grants if you run idbasol with Ebusiness module.
- 3) Create view to be able to access sys.x\$bh.
- 4) Create a database function for full display of sessions SQL text

We recommend creating a new user (idbasol) which you will use as logon to access your target database.

You may choose to run idbasolutions using existing database user such as system or apps, if so, make sure grants and stored function in steps 1, 2, 3 and 4 are given to that user.

Unless you are running Demo or Light version, failure to execute all 4 steps outlined here will cause idbasolutions startup to fail.

1) database user and grants:

connect as sysdba or sys:

```
sqlplus /nolog  
connect /as sysdba
```

```
CREATE USER idbasol IDENTIFIED BY idbasol;
```

→ **For security reasons** please make sure to change the password to something more secure.

```
CREATE USER idbasol IDENTIFIED BY idbasol;  
GRANT CREATE SESSION TO idbasol ;  
GRANT CONNECT TO idbasol;  
GRANT SELECT ANY DICTIONARY To idbasol ;  
grant select any dictionary to system;  
GRANT SELECT_CATALOG_ROLE To idbasol ;
```

GRANT CREATE SYNONYM To idbasol;

2) Ebusiness grants if you have the Ebusiness module:

Skip this step if you do not run idbasol with Ebusiness Module.

Logon as apps

```
grant select on APPS.FND_CONC_REQ_SUMMARY_V to idbasol ;
grant select on APPS.fnd_concurrent_requests to idbasol ;
grant select on APPS.FND_CONCURRENT_REQUESTS to idbasol ;
grant select on APPS.FND_USER to idbasol ;
grant select on APPS.FND_USER_RESP_GROUPS to idbasol ;
grant select on APPS.fnd_logins to idbasol ;
grant select on APPS.FND_RESPONSIBILITY_TL to idbasol ;
```

3) In database 10g or higher:

Because internal table sys.x\$bh in 10g or higher is not visible to any other account but sys, the following is necessary for the Oracle Wait Interface module which runs select statements against sys.x\$bh.

connect as sysdba or sys:

```
sqlplus /nolog
connect /as sysdba
drop view idbasol_xbh;
create view idbasol_xbh as select * from sys.x$bh;
grant select on idbasol_xbh to idbasol;
grant create synonym to idbasol;
connect idbasol/idbasol
```

Connect as idbasol: It is important that this synonym here is owned by idbasol or the user account you will use to access your target database

connect idbasol

```
create synonym x$bh for sys.idbasol_xbh;
```

4) create the following stored function:

This allows full display of sql text:

connect as sysdba ,sys or system:

```
sqlplus /nolog
connect /as sysdba
or
```

connect system

```
create or replace function
system.f_get_full_sql_text
(a_ADDRESS V$SQLTEXT.ADDRESS%type,
a_HASH_VALUE V$SQLTEXT.HASH_VALUE%type)
return clob is r_sql_full clob:= '';
nbr_pieces number:=0;
sql_full_s1 clob:= '';
sql_full_s2 clob:= '';
cpt number:=0;
begin
select count(PIECE)
into nbr_pieces
from V$SQLTEXT
where HASH_VALUE=a_HASH_VALUE
and ADDRESS=a_ADDRESS;
while ( nbr_pieces > 0) loop
select SQL_TEXT
into sql_full_s1
from V$SQLTEXT
where HASH_VALUE=a_HASH_VALUE
and ADDRESS=a_ADDRESS
and PIECE=cpt
order by PIECE;
sql_full_s2:=sql_full_s2||'|'||sql_full_s1;
nbr_pieces:=nbr_pieces-1;
cpt:=cpt+1;
end loop;
r_sql_full:=sql_full_s2;
return sql_full_s2;
end f_get_full_sql_text;
/
```

```
grant execute on system.f_get_full_sql_text to idbasol;
```

--Please choose a secure new password for database user idbasol
alter USER idbasol IDENTIFIED BY &Choose_New_Passwd_For_idbasol;

→ You are done and now can startup idbasolutions and logon as idbasol.

Notes:

- **Which Database I want to connect:**

You may use the following documents if you are unsure which database instance you want to connect and how to connect:

Navigate to <http://www.idbasolutions.com/en/support.html> and look for pdf documents:

How to connect to Oracle Unix

How to connect to Oracle Windows

Logon to your target database as seen here then execute statements outlined in steps 1,2,3 and 4 (You may just copy and paste into Windows notepad, then copy and paste from notepad into your SQL Session, this would remove all unwanted formatting.):