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Oracle Apps DBA Field Note

➤ **How to Check Incompatibilities for Current Program From Applications**

- Login as SYSADMIN.

Navigation:

- Application Developer --> Program --> Incompatibilities.

➤ **Forms URL in R12**

When using Forms Servlet Mode:

http://./forms/frmservlet

Note: Modify the context variable parameter (s_appserverid_authentication) from SECURE to OFF and run autoconfig, then forms will startup without that authorization error.

When using Forms Socket Mode:

http://./OA_HTML/frmservlet

Query to get URL in Applications:

1. select profile_option_value from fnd_profile_option_values where profile_option_value like '%http%';

2. select home_url from icx_parameters;

➤ **Query to find Patch Level for a product searching with application Name (Product)/application (Product) short name**

select

fav.application_name,fav.application_id,fav.application_short_name,fpi.status,fpi.patch_level from fnd_application_vl fav, fnd_product_installations fpi where fpi.application_id=fav.application_id and fav.application_short_name = '&x',

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➤ **Login to Oracle Applications directly thru f60cgi**

Accessing f60cgi is disabled in 11.5.10

With increased security in Oracle EBusiness Suite 11.5.10, the ability to connect directly to forms via f60cgi has been disabled. By default, a user will see the following error after entering their username and password:

APP-FND-01542: This Applications Server is not authorized to access this database.

Enabling f60cgi direct login

It is possible to login however this method should only be used when debugging problems.

1. Backup and open \$APPL_TOP/admin/_xml context file
2. Update the context variable:
s_appserverid_authentication

By default in 11.5.10, this is set to SECURE.
In previous 11i versions, this was set to OFF.
For debug purposes, we can use ON or OFF.

Modes:

- ON : Partial
- SECURE : activates full server security (SECURE mode)
- OFF : deactivates server security

3. Run Autoconfig to instantiate the change.

You should now be able to access forms directly again using the f60cgi call.

4. After you have finished your Forms debugging, please reset s_appserverid_authentication to SECURE and re-run Autoconfig.

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Alternative option

Running Autoconfig is the preferred method of updating s_appserverid_authentication.

If we are unable to run Autoconfig during troubleshooting, we can run the following commands instead from \$FND_TOP/secure directory:

Disable:

```
java oracle.apps.fnd.security.AdminAppServer apps/apps \  
AUTHENTICATION OFF DBC=host_<context_name>.dbc
```

Enable:

To activate basic server security, from the command line, enter:

```
jre oracle.apps.fnd.security.AdminAppServer apps/apps \  
AUTHENTICATION ON DBC= host_<context_name>.dbc
```

To activate full server security (SECURE mode), from the command line, enter:

```
jre oracle.apps.fnd.security.AdminAppServer apps/apps \  
AUTHENTICATION SECURE DBC= host_<context_name>.dbc
```

Check the status:

```
java oracle.apps.fnd.security.AdminAppServer apps/apps \  
STATUS DBC= host_<context_name>.dbc
```

➤ **Query to find the responsibility for which form was assigned**

```
SELECT fu.user_name, fu.description, furg.start_date,  
frvl.responsibility_name, fff.function_name, ff.form_name  
FROM fnd_user fu, fnd_user_resp_groups furg, fnd_responsibility_vl frvl,  
fnd_compiled_menu_functions fcmf, fnd_form_functions_vl fff, fnd_form_vl ff  
WHERE fu.user_id = furg.user_id AND furg.responsibility_id = frvl.responsibility_id  
AND frvl.menu_id = fcmf.menu_id AND fff.function_id = fcmf.function_id  
AND fff.form_id = ff.form_id AND (fu.end_date IS NULL OR fu.end_date >= SYSDATE)  
AND (furg.end_date IS NULL OR furg.end_date >= SYSDATE)  
AND (frvl.end_date IS NULL OR frvl.end_date >= SYSDATE)  
AND form_name IN ('FORMNAME');
```

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➤ **How to find Components version in R12**

- Apache Version

```
$IAS_ORACLE_HOME/Apache/Apache/bin/httpd -v
```

- Perl Version

```
$IAS_ORACLE_HOME/perl/bin/perl -v | grep built
```

- Java Version

```
sh -c "`awk -F= '$1 ~ /^JSERVJAVA.*$/ {print $2}' $ADMIN_SCRIPTS_HOME/java.sh` -version;"
```

- Jre version

```
cat $FORMS_WEB_CONFIG_FILE | grep sun_plugin_version | cut -c 1-35
```

- Forms Version

```
$ORACLE_HOME/bin/frmcmp_batch | grep Forms | grep Version
```

- Plsql Version

```
$ORACLE_HOME/bin/frmcmp_batch | grep PL/SQL | grep Version
```

- Forms Communication mode

```
cat $FORMS_WEB_CONFIG_FILE | grep serverURL=  
echo "If the serverURL parameter has no value then Forms is implemented in  
socket mode else it is servlet"
```

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➤ **Default Application users in 11i EBS**

We can find out the list of default users in 11i EBS with sql available in 3904641 patch:

Below are list of Default Application users in EBS:

ANONYMOUS
AUTOINSTALL
CONCURRENT_MANAGER
FEEDER SYSTEM
INITIAL SETUP
STANDALONE_BATCH_PROCESS
MOBILEADM
ASGADM
WIZARD
ASGUEST
IEXADMIN
IBE_GUEST
IBE_ADMIN
IBEGUEST
OP_SYSADMIN
OP_CUST_CARE_ADMIN
IRC_EMP_GUEST
IRC_EXT_GUEST