
Error Accessing the X-Server

- **Article Type:** General
 - **Product:** Aleph
 - **Product Version:** 18.01
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Description:

When I try to run a simple EXPLAIN command on the x-server I get no data, and I see these messages in the log:

```
IN 20070906 130705
ip address: 111.222.333.444 1011
request: "/X?op=explain&file=list"
Load: /exlibris/aleph/u18_2/alephe/tab/www_x_func
X SERVICE: EXPLAIN
```

```
Execution error : file "
error code: 114, pc=0, call=1, seg=0
114 Attempt to access item beyond bounds of memory (Signal 11)
```

The URL is <http://aleph.univ.edu:8991/X?op=explain&file=list>

Resolution:

I found an old incident for another site that seemed to describe your situation exactly. The solution there was this:

The short answer: Creating a user WWW-X with password WWW-X and giving it permission for Function WWW-X corrected the problem.

The long answer:

The x-services are under the www_server. When an <http://.../X?...> transaction is received, it is processed by the ./alephm/source/www_x programs, using the ./www_x_eng screens. Restarting the www_server, should get any changes to server_ip allowed.

Some displays that I added show that we are getting an error code 01 on the www_x_login. This should not result in this program error. I think it's trying to produce a message like "No www_x permissions".

The ./www_x/www_x program is calling www_x_login , which, in turn, is calling www_x_util_check_permission .

The call to www_x_util_check_permission looks like this:

```
In the CALL "www_x_util_check_permission" the
X-SERVICE-LIBRARY is PWD50
X-SERVICE-USER-NAME is WWW-X
X-SERVICE-USER-PASSWORD is WWW-X
X-SERVICE-FUNC is WWW-X
```

These SQLs show that there is no z66 or z67 user WWW-X:

```
SQL-PWD50> select Z66_REC_KEY , Z66_USER_LIBRARY, Z66_EXPIRY_DATE from z66 where Z66_REC_KEY like 'WWW-X%';
```

no rows selected

```
SQL-PWD50> select Z67_REC_KEY, Z67_LIBRARY, Z67_FUNC from z67 where Z67_REC_KEY like 'WWW-X%';
```

no rows selected

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- **Article last edited:** 10/8/2013