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Apps DBA Info

➤ How to determine if we are on the latest Autoconfig related patches ?

Solution:

This solution applies to Applications Version: 11.5.1 to 11.5.10

We need to run the below queries in SQLPLUS connected as APPS user:

- First we need to run the below query.

```
SET head off Lines 120 pages 100
col n_patch format A65
col bug_number format A10
col patch_name format A10
spool LACF_ptch_level.txt
select ' LACF ' FROM dual;
/
```

- Now we need to run the below query if we have done single node installation.

```
select bug_number, decode(bug_number,
'2488995' , '11i.ADX.A'
,'2682177' , '11i.ADX.B'
,'2682863' , '11i.TXK-C'
,'2757379' , '11i.TXK-D'
,'2902755' , '11i.TXK-E'
,'3002409' , '11i.ADX.C'
,'3104607' , '11i.TXK-F'
,'3219567' , '11i.TXK-B'
,'3239694' , '11i.TXK-G'
,'3271975' , '11i.ADX.E'
,'3416234' , '11i.TXK-H'
,'3453499' , '11i.ADX.F'
,'3594604' , '11i.TXK-I'
,'3817226' , '11i.ADX.E.1'
,'3950067' , '11i.TXK-J'
,'4104924' , '11i.TXK-K'
,'4367673' , '11i.TXK-J.1'
,'4717668' , '11i.TXK-M'
```

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```
, '5035661' , '11i.One_off'  
, '5107107' , '11i.TXK-N ROLLUP PATCH (AUG 2'  
, '5225940' , '11i.POST ADX.F'  
, '5456078' , '11i.One_off_a'  
, '5473858' , '11i.ATG_PF.H RUP5'  
, '5478710' , '11i.TXK-O'  
, '5759055' , '11i.TXK-P'  
, '5985992' , '11i.TXK-Q'  
) n_patch, last_update_date  
FROM ad_bugs  
WHERE bug_number IN ( '2488995' , '2682177' , '2682863' , '2757379' , '2902755' ,  
'3002409' , '3104607' ,  
  
'3219567' , '3239694' , '3271975' , '3416234' , '3453499' , '3594604' , '3817226' ,  
'3950067' , '4104924' ,  
  
'4367673' , '4717668' , '5035661' , '5107107' , '5225940' , '5456078' , '5473858' ,  
'5478710' , '5759055' , '5985992' );
```

- We need to run the below query, if we have done multi-node installation.

```
set serveroutput on size 100000  
DECLARE  
TYPE p_patch_array_type is varray(100) of varchar2(10);  
TYPE a_abstract_array_type is varray(100) of varchar2(60);  
p_patchlist p_patch_array_type;  
a_abstract a_abstract_array_type;  
p_appltop_name VARCHAR2(50);  
p_patch_status VARCHAR2(15);  
p_appl_top_id NUMBER;  
CURSOR alist_cursor IS  
SELECT appl_top_id, name  
FROM ad_appl_tops;  
procedure println(msg in varchar2)  
IS  
BEGIN  
dbms_output.put_line(msg);  
END;  
BEGIN
```

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```
open alist_cursor;
p_patchlist := p_patch_array_type( '2488995'
,'2682177'
,'2682863'
,'2757379'
,'2902755'
,'3002409'
,'3104607'
,'3219567'
,'3239694'
,'3271975'
,'3416234'
,'3453499'
,'3594604'
,'3817226'
,'3950067'
,'4104924'
,'4367673'
,'4717668'
,'5035661'
,'5107107'
,'5225940'
,'5456078'
,'5473858'
,'5478710'
,'5759055'
,'5985992'
);
a_abstract := a_abstract_array_type( '11i.ADX.A'
,'11i.ADX.B'
,'11i.TXK-C'
,'11i.TXK-D'
,'11i.TXK-E'
,'11i.ADX.C'
,'11i.TXK-F'
,'11i.TXK-B'
,'11i.TXK-G'
,'11i.ADX.E'
,'11i.TXK-H'
,'11i.ADX.F'
```

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```
, '11i.TXK-I'  
, '11i.ADX.E.1'  
, '11i.TXK-J'  
, '11i.TXK-K'  
, '11i.TXK-J.1'  
, '11i.TXK-M'  
, '11i.One_off'  
, '11i.TXK-N ROLLUP PATCH (AUG 2'  
, '11i.POST ADX.F'  
, '11i.One_off_a'  
, '11i.ATG_PF.H RUP5'  
, '11i.TXK-O'  
, '11i.TXK-P'  
, '11i.TXK-Q'  
);  
LOOP  
FETCH alist_cursor INTO p_appl_top_id, p_appltop_name;  
EXIT WHEN alist_cursor%NOTFOUND;  
IF p_appltop_name NOT IN ('GLOBAL','*PRESEED*')  
THEN  
  println(p_appltop_name || ':');  
  for i in 1..p_patchlist.count  
  LOOP  
    p_patch_status := ad_patch.is_patch_applied('11i', p_appl_top_id, p_patchlist(i));  
    println('..Patch ' || a_abstract(i) || ' ' || p_patchlist(i) || ' was ' || p_patch_status);  
  END LOOP;  
END IF;  
println('.');  
END LOOP;  
close alist_cursor;  
END;  
/
```

➤ **How to redirect Rapid Install page to access the E-Business Suite login page?**

In some environments the URL to access E-Business Suite is in the form of:

<http://<web server host name>.<domain>>

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OR

`http://<web server host name>.<domain>:<port number>`

Which brings up the 'Oracle Applications Rapid Install Portal' page and displays the logon link 'E-Business Home Page' (`<host name>.<domain>/OA_HTML/AppsLocalLogin.jsp`) to login.

In some cases it could be accessed directly to the AppsLocalLogin.jsp login page bypassing the Rapid Install portal page to avoid clicking on the 'Apps Logon Links' then 'E-Business Home Page' links.

Solution:

1. Edit index.html and add at the top of the file:

```
<html>
<head>
<meta http-equiv="refresh"
content="0;url=http://<host name>.<domain>/OA_HTML/AppsLocalLogin.jsp">
...
</head>
</html>
```

OR

2. Add the following line in the url_fw.conf file

(Should be under `$IAS_CONFIG_HOME/Apache/Apache/conf` directory):

```
RewriteRule ^/$ /OA_HTML/AppsLocalLogin.jsp [R,L]
then check that the following line exists in the httpd.conf file:
include "%s_iasconfig_home%/Apache/Apache/conf/url_fw.conf"
```

3. Bounce apache and clear browser caches.

➤ **How to clean nonexistent nodes or IP Addresses from FND_NODES ?**

After completing the cloning process, or implementing Autoconfig, the FND system tables have incorrect values.

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If a clone was done, the OAM Dashboard reflects the target machine name and the source machine name although the source machine is no longer being used.

In some cases, there are IP addresses from nonexistent machines in FND_NODES.

The Nodes in the OAM Dashboard are retrieved from the FND_NODES table.

Further investigation showed that the FND_NODES table had both node names and node_modes 'O' as activated.

```
SQL> select node_name, node_mode, support_cp, support_web,  
support_admin,support_forms from FND_NODES;
```

Output is shown below:

<u>NODE_NAME</u>	<u>N S S S S</u>
TARGET	O Y Y Y Y
SOURCE	O Y Y Y Y

Steps to clean :

1) Always apply the latest cloning patches, to avoid all the bugs and fixes

```
2) SQL> EXEC FND_CONC_CLONE.SETUP_CLEAN;  
COMMIT;  
EXIT;
```

Please Note : In step 2 ,it will delete all data from system tables such as FND_NODES, FND_OAM_CONTEXT_FILES, etc.

3) Now we need to run AutoConfig on all tiers, firstly on the DB tier and then the APPS tiers, to repopulate the required system tables.

