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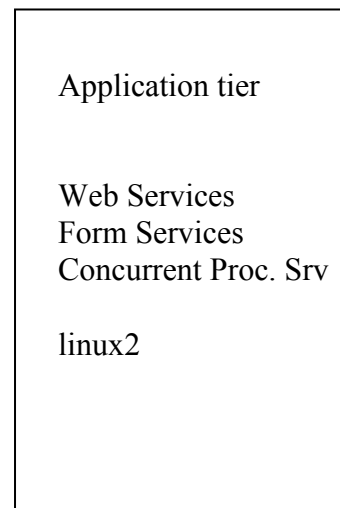
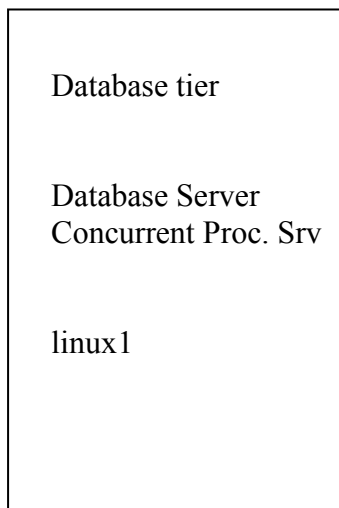
Parallel concurrent Processing Server

On linux1 – Database Server, Concurrent Processing Server

On linux2 – Web Services, Form Services, Concurrent Processing Server

Assumptions:

- 1> Install Red Hat 4 Operating System on both the server
Refer - http://www.appsdba.info/docs/oracle_apps/Installation/rh4.pdf
- 2> Pre-install tasks are completed on the both the servers
Refer - http://www.appsdba.info/docs/oracle_apps/Installation/R12/snir12-ln.pdf
- 3> Perform multi-node installation
Refer - http://www.appsdba.info/docs/oracle_apps/Installation/R12/Multi-node-simple_nsf.pdf



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Modify the application context file on linux1 and linux2

```
cd $INST_TOP/appl/admin
```

```
vi TEST_linux1.xml
```

```
<APPLDCP oa_var="s_appldcp">OFF</APPLDCP> to
```

```
<APPLDCP oa_var="s_appldcp">ON</APPLDCP>
```

Run Autoconfig on the both the nodes

```
cd $ADMIN_SCRIPTS_HOME
```

```
sh adautocfg.sh
```

Verify TNSNAMES.ora

Verify that the tnsnames.ora of your application tier has the **FND FS entries of both the nodes**

```
TEST_BALANCE=
  (DESCRIPTION=
    (LOAD_BALANCE=YES)
    (FAILOVER=YES)
    (ADDRESS_LIST=
      (ADDRESS=(PROTOCOL=tcp) (HOST=linux1.com) (PORT=1522))
    )
    (CONNECT_DATA=
      (SID=TEST)
    )
  )
```

```
FND FS_LINUX1=
  (DESCRIPTION=
    (ADDRESS=(PROTOCOL=tcp) (HOST=linux1.com) (PORT=1627))
    (CONNECT_DATA=
      (SID=FND FS)
    )
  )
```

```
FND FS_LINUX1.com=
  (DESCRIPTION=
    (ADDRESS=(PROTOCOL=tcp) (HOST=linux1.com) (PORT=1627))
    (CONNECT_DATA=
      (SID=FND FS)
    )
  )
```

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```
FNDSM_LINUX2_TEST=  
  (DESCRIPTION=  
    (ADDRESS=(PROTOCOL=tcp) (HOST=LINUX2.com) (PORT=1627))  
    (CONNECT_DATA=  
      (SID=FNDSM)  
    )  
  )  
  
FNDSM_LINUX2.com_TEST=  
  (DESCRIPTION=  
    (ADDRESS=(PROTOCOL=tcp) (HOST=LINUX2.com) (PORT=1627))  
    (CONNECT_DATA=  
      (SID=FNDSM)  
    )  
  )  
)
```

Concurrent – Manager – Define

Define the primary and secondary nodes for all the managers

Manager: Internal Manager Enabled

Short Name: FNDICM

Application: Application Object Library

Description: Internal Concurrent Manager

Data Group: Cache Size:

Consumer Group:

Parallel Concurrent Processing Details

	Node	System Queue	Platform
Primary	LINUX1		LINUX Intel
Secondary	LINUX2		LINUX Intel

Program Library

Name: FNDLIBR Application: Application Object Library

Specialization Rules Wgrk Shifts

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Manager	Internal Monitor: LINUX1	<input checked="" type="checkbox"/> Enabled
Short Name	FNDIM_LINUX1	
Application	Application Object Library	
Description	Internal Monitor	
Type	Internal Monitor	
Data Group		Cache Size <input type="checkbox"/>
Consumer Group		

Parallel Concurrent Processing Details

	Node	System Queue	Platform
Primary	LINUX1		LINUX Intel
Secondary	LINUX2		LINUX Intel

Program Library

Name	FNDIMON	Application	Application Object Library
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Manager	Internal Monitor: LINUX2	<input checked="" type="checkbox"/> Enabled
Short Name	FNDIM_LINUX2	
Application	Application Object Library	
Description	Internal Monitor	
Type	Internal Monitor	
Data Group		Cache Size <input type="checkbox"/>
Consumer Group		

Parallel Concurrent Processing Details

	Node	System Queue	Platform
Primary	LINUX2		LINUX Intel
Secondary	LINUX1		LINUX Intel

Program Library

Name	FNDIMON	Application	Application Object Library
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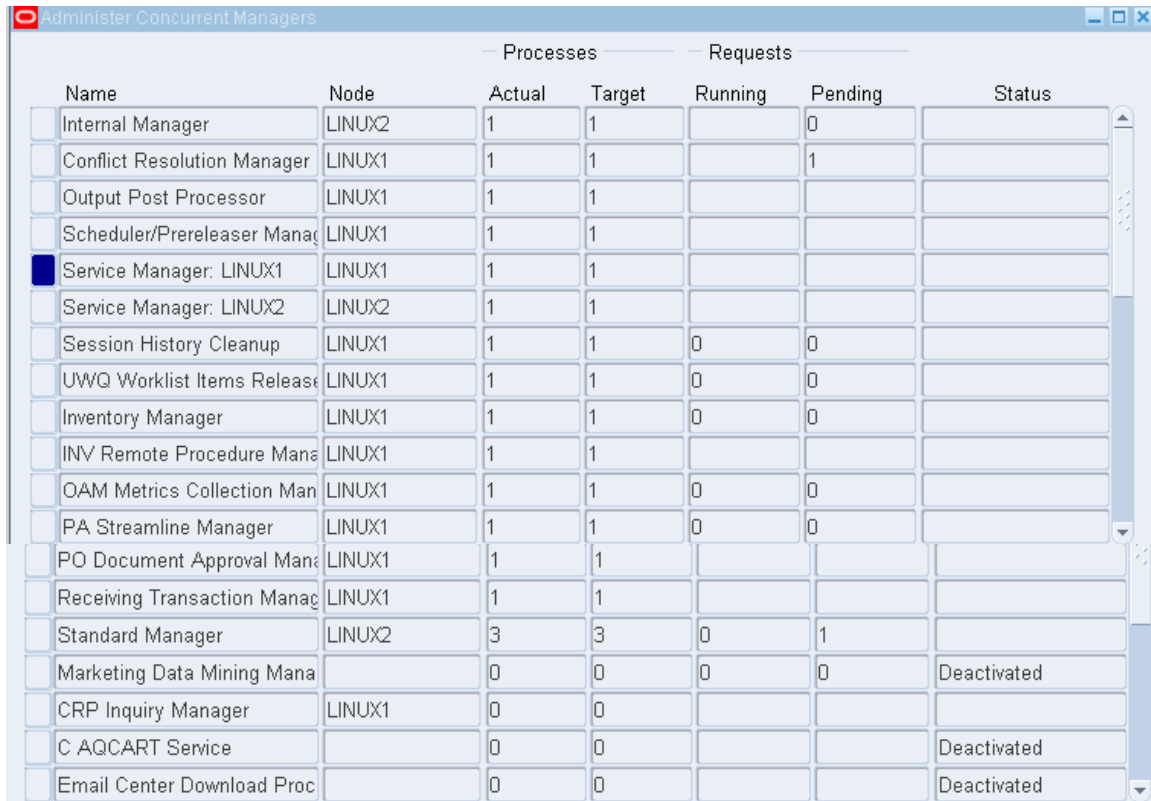
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Manager	<input type="text" value="Standard Manager"/>	<input checked="" type="checkbox"/> Enabled	
Short Name	<input type="text" value="STANDARD"/>		
Application	<input type="text" value="Application Object Library"/>		
Description	<input type="text" value="Standard queue for handling requests"/>		
Type	<input type="text" value="Concurrent Manager"/>		
Data Group	<input type="text"/>	Cache Size <input type="text" value="5"/>	
Consumer Group	<input type="text"/>		
Parallel Concurrent Processing Details			
	Node	System Queue	Platform
Primary	<input type="text" value="LINUX2"/>	<input type="text"/>	<input type="text" value="LINUX Intel"/>
Secondary	<input type="text" value="LINUX1"/>	<input type="text"/>	<input type="text" value="LINUX Intel"/>
Program Library			
Name	<input type="text" value="FNDLIBR"/>	Application	<input type="text" value="Application Object Library"/>
<input type="button" value="Specialization Rules"/>		<input type="button" value="Wgrk Shifts"/>	

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Check whether all the managers and defined and processes are up.

Concurrent – Manager – Administer



The screenshot shows the 'Administer Concurrent Managers' window with a table of managers. The table has columns for Name, Node, Actual, Target, Running, Pending, and Status. The 'Standard Manager' is highlighted in blue.

		Processes		Requests		
Name	Node	Actual	Target	Running	Pending	Status
Internal Manager	LINUX2	1	1		0	
Conflict Resolution Manager	LINUX1	1	1		1	
Output Post Processor	LINUX1	1	1			
Scheduler/Prereleaser Manag	LINUX1	1	1			
Service Manager: LINUX1	LINUX1	1	1			
Service Manager: LINUX2	LINUX2	1	1			
Session History Cleanup	LINUX1	1	1	0	0	
UWQ Worklist Items Release	LINUX1	1	1	0	0	
Inventory Manager	LINUX1	1	1	0	0	
INV Remote Procedure Manag	LINUX1	1	1			
OAM Metrics Collection Man	LINUX1	1	1	0	0	
PA Streamline Manager	LINUX1	1	1	0	0	
PO Document Approval Manag	LINUX1	1	1			
Receiving Transaction Manag	LINUX1	1	1			
Standard Manager	LINUX2	3	3	0	1	
Marketing Data Mining Mana		0	0	0	0	Deactivated
CRP Inquiry Manager	LINUX1	0	0			
C AQCARD Service		0	0			Deactivated
Email Center Download Proc		0	0			Deactivated

Run a request (Active User) in linux2 and check whether linux2 is able complete the request

Reference: http://appsdbablog.com/blog/2007/02/implementing_parallel_concurre.html