

APPLIES TO: HOW TO START THE SAP SERVICES IN LINUX.

SUMMARY : This article explains how to Perform the How to Start the SAP Services in Linux.

AUTHOR: K.VENKATA RAMU.

COMPANY: WILLSYS INFOSYSTEMS Pvt. Ltd.,

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HOW TO STOP THE SERVICES

STEP1: stop sap application server

Switch to user **sidadm**

Command --> **stopsap r3**



```
root@willsys4:~  
File Edit View Terminal Tabs Help  
[root@willsys4 ~]# su - w04adm  
willsys4:w04adm 50> stopsap r3
```



```
root@willsys4:~  
File Edit View Terminal Tabs Help  
[root@willsys4 ~]# su - w04adm  
willsys4:w04adm 50> stopsap r3  
  
Checking W04 Database  
-----  
ABAP Database is running  
  
Stopping the SAP instance DVEBMGS00  
-----  
Shutdown-Log is written to /home/w04adm/stopsap_DVEBMGS00.log  
Instance on host willsys4 stopped  
Waiting for cleanup of resources.....  
willsys4:w04adm 51>
```

Step2: Exit from sidadm user and login to orasid user

Execute Command: **sqlplus / as sysdba**

```
willsys4:w04adm 51> exit
logout
[root@willsys4 ~]# su - oraw04
willsys4:oraw04 28> sqlplus / as sysdba

SQL*Plus: Release 10.2.0.2.0 - Production on Sat Jun 20 22:39:54 2015

Copyright (c) 1982, 2005, Oracle. All Rights Reserved.

Connected to:
Oracle Database 10g Enterprise Edition Release 10.2.0.2.0 - Production
With the Partitioning and Data Mining options

SQL> █
```

Step3: stop database

Execute command **shutdown immediate**

```
SQL> shutdown immediate
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL>
```



Step4: stop listener
Execute command **lsnrctl stop**

```
SQL> exit  
Disconnected from Oracle Database 10g Enterprise Edition Release 10.2.0.2.0  
Production  
With the Partitioning and Data Mining options  
willsys4:oraw04 29> lsnrctl stop
```

```
LSNRCTL for Linux: Version 10.2.0.2.0 - Production on 20-JUN-2015 23:05:48
```

```
Copyright (c) 1991, 2005, Oracle. All rights reserved.
```

```
Connecting to (ADDRESS=(PROTOCOL=IPC)(KEY=W04.WORLD))  
The command completed successfully  
willsys4:oraw04 30>
```



HOW TO START THE SERVICES

Step1: switch to user orasid

Execute command `lsnrctl start`

```
File Edit View Terminal Tabs Help
[root@willsys4 ~]# su - oraw04
willsys4:oraw04 28> lsnrctl start

LSNRCTL for Linux: Version 10.2.0.2.0 - Production on 20-JUN-2015 23:07:59

Copyright (c) 1991, 2005, Oracle. All rights reserved.

Starting /oracle/W04/102_32/bin/tnslsnr: please wait...

TNSLSNR for Linux: Version 10.2.0.2.0 - Production
System parameter file is /oracle/W04/102_32/network/admin/listener.ora
Log messages written to /oracle/W04/102_32/network/log/listener.log
Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=W04.WORLD)))
Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=W04)))
Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=willsys4)(PORT=1527))
)

Connecting to (ADDRESS=(PROTOCOL=IPC)(KEY=W04.WORLD))
STATUS of the LISTENER
-----
Alias                LISTENER
Version              TNSLSNR for Linux: Version 10.2.0.2.0 - Production
Start Date           20-JUN-2015 23:07:59
Uptime                0 days 0 hr. 0 min. 0 sec
```

```
-----
Uptime                               0 days 0 hr. 0 min. 0 sec
Trace Level                           off
Security                              ON: Local OS Authentication
SNMP                                   OFF
Listener Parameter File               /oracle/W04/102_32/network/admin/listener.ora
Listener Log File                     /oracle/W04/102_32/network/log/listener.log
Listening Endpoints Summary...
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=W04.WORLD)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=W04)))
  (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=willsys4)(PORT=1527)))
Services Summary...
Service "W04" has 1 instance(s).
  Instance "W04", status UNKNOWN, has 1 handler(s) for this service...
The command completed successfully
willsys4:oraw04 29> █
```

Step2: start the database

```
willsys4:oraw04 29> sqlplus / as sysdba

SQL*Plus: Release 10.2.0.2.0 - Production on Sat Jun 20 23:09:53 2015

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Connected to an idle instance.

SQL>
```

Step3: execute command **startup**

```
SQL> startup
ORACLE instance started.

Total System Global Area 566231040 bytes
Fixed Size                 1262032 bytes
Variable Size              293604912 bytes
Database Buffers           268435456 bytes
Redo Buffers                2928640 bytes
Database mounted.
Database opened.
SQL> █
```

Step4: start the application server

Switch to user **sidadm**
Command **startsap r3**

```
Database opened.
SQL> exit
Disconnected from Oracle Database 10g Enterprise Edition Release 10.2.0.2.0 -
Production
With the Partitioning and Data Mining options
willsys4:oraw04 30> exit
logout
[root@willsys4 ~]# su - w04adm
willsys4:w04adm 50> startsap r3
```

```
Checking W04 Database
-----
ABAP Database is running

Starting SAP-Collector Daemon
-----
*****
* This is Saposcol Version COLL 20.94 700 - v2.00, Intel x86 with Linux, 2007
/02/16
* Usage:  saposcol -l: Start OS Collector
*         saposcol -k: Stop  OS Collector
*         saposcol -d: OS Collector Dialog Mode
*         saposcol -s: OS Collector Status
* The OS Collector (PID 5074) is already running ....
*****
saposcol already running

Starting SAP Instance DVEBMGS00
-----
Startup-Log is written to /home/w04adm/startsap_DVEBMGS00.log
Instance Service on host willsys4 started
Instance on host willsys4 started

willsys4:w04adm 51> █
```




Related Content:

<http://service.sap.com>

<http://support.sap.com>

www.help.sap.com

www.sdn.sap.com/irj/sdn/index.

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