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How to start the services

Confidential Document

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

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

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## HOW TO STOP THE SERVICES

Step1: Stop application server

Switch to user sap sidadm

Execute command **stopsap r3**

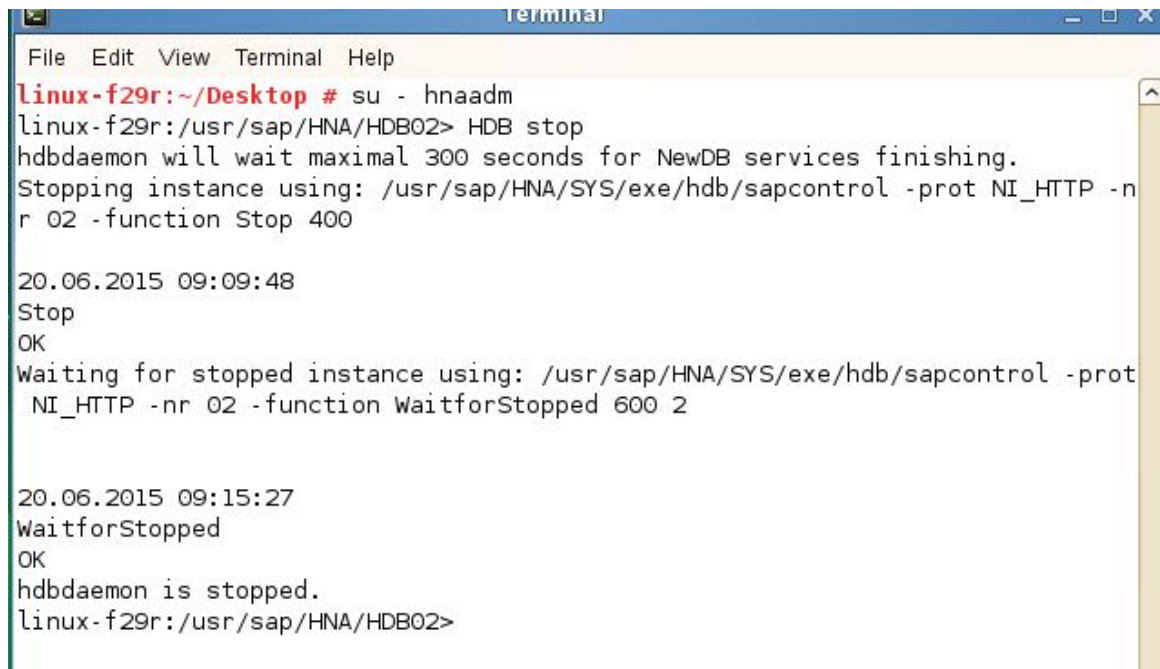
A terminal window titled "Terminal" with a menu bar (File, Edit, View, Terminal, Help) and a yellow background. The terminal shows the following output:

```
linux-f29r:~/Desktop # su - wiladm
linux-f29r:wiladm 51> stopsap r3
Checking HDB Database
Database is running
-----
stopping the SAP instance DVEBMGS00
Shutdown-Log is written to /home/wiladm/stopsap_DVEBMGS00.log
-----
/usr/sap/WIL/DVEBMGS00/exe/sapcontrol -prot NI_HTTP -nr 00 -function Stop
Instance on host linux-f29r stopped
Waiting for cleanup of resources
.....
stopping the SAP instance ASCS01
Shutdown-Log is written to /home/wiladm/stopsap_ASCS01.log
-----
/usr/sap/WIL/ASCS01/exe/sapcontrol -prot NI_HTTP -nr 01 -function Stop
Instance on host linux-f29r stopped
Waiting for cleanup of resources
..
linux-f29r:wiladm 52>
```

Step2: stop HANA database

Switch to database user sidadm

Execute command **HDB stop**



```
terminal
File Edit View Terminal Help
linux-f29r:~/Desktop # su - hnaadm
linux-f29r:/usr/sap/HNA/HDB02> HDB stop
hdbdaemon will wait maximal 300 seconds for NewDB services finishing.
Stopping instance using: /usr/sap/HNA/SYS/exe/hdb/sapcontrol -prot NI_HTTP -nr 02 -function Stop 400

20.06.2015 09:09:48
Stop
OK
Waiting for stopped instance using: /usr/sap/HNA/SYS/exe/hdb/sapcontrol -prot NI_HTTP -nr 02 -function WaitforStopped 600 2


20.06.2015 09:15:27
WaitforStopped
OK
hdbdaemon is stopped.
linux-f29r:/usr/sap/HNA/HDB02>
```

## HOW TO START THE SERVICES

Step1: start the database

Switch to database user sidadm

Execute command **HDB start**



```
Terminal
File Edit View Terminal Help
linux-f29r:~/Desktop # su - hnaadm
linux-f29r:/usr/sap/HNA/HDB02> HDB start

StartService
Impromptu CCC initialization by 'rscpiInit'.
  See SAP note 1266393.
OK
OK
Starting instance using: /usr/sap/HNA/SYS/exe/hdb/sapcontrol -prot NI_HTTP -n
r 02 -function StartWait 2700 2

20.06.2015 09:18:55
Start
OK

20.06.2015 09:53:47
StartWait
OK
linux-f29r:/usr/sap/HNA/HDB02> █
```



Step2: start application server  
Switch to user sap sidadm  
Execute command **startsap r3**

```
File Edit View Terminal Help
linux-f29r:wiladm 51> startsap r3
Checking HDB Database
Database is running
-----
Starting Startup Agent sapstartsrv
OK
Instance Service on host linux-f29r started
-----
starting SAP Instance ASCS01
Startup-Log is written to /home/wiladm/startsap_ASCS01.log
-----
/usr/sap/WIL/ASCS01/exe/sapcontrol -prot NI_HTTP -nr 01 -function Start
Instance on host linux-f29r started
Starting Startup Agent sapstartsrv
OK
Instance Service on host linux-f29r started
-----
starting SAP Instance DVEBMGS00
Startup-Log is written to /home/wiladm/startsap_DVEBMGS00.log
-----
/usr/sap/WIL/DVEBMGS00/exe/sapcontrol -prot NI_HTTP -nr 00 -function Start
Instance on host linux-f29r started
```



### Related Content:

<http://service.sap.com>

<http://support.sap.com>

[www.help.sap.com](http://www.help.sap.com)

[www.sdn.sap.com/irj/sdn/index](http://www.sdn.sap.com/irj/sdn/index).

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