How to Rotate or Purge Listener Log Data to Avoid Large listener.log File? (文档 ID 1457196.1)

**Applies to:**

Oracle Net Services - Version 8.1.7.0 to 11.2.0.3 [Release 8.1.7 to 11.2]  
 Oracle Database - Enterprise Edition - Version 8.1.7.0 and later  
 Oracle Net Services - Version 11.2.0.4 to 11.2.0.4 [Release 11.2]  
 Information in this document applies to any platform.  
 Large listener.log file

**Goal**

How to rotate or backup or rename listener.log or purge listener log data to avoid large listener.log file?

**Solution**

1) Stop the listener on a regular basis then you can simply rename the file at the OS level, then on next listener startup, a new one will be created.  
  
 OR  
  
 2) If you have a 24X7 environment and the listener can not be stopped, then you can use the following steps to rename / move the file without having to restart it:

LSNRCTL>  
 LSNRCTL> set current\_listener <listenername>  
 LSNRCTL> set log\_status off  
  
 In another window rename the log file. Then return to previous window

LSNRCTL> set log\_status on

which will create a new and empty listener.log file which will continue logging.

 OR

 3) Follow the below

[Note 135063.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1457196.1&id=135063.1)   How To Change the Listener Log Filename Without Stopping the Listener

For XML-formatted files, you need to use the ADR purge, read:

[Note 1438242.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1457196.1&id=1438242.1)  Why Are My Listener Logs & Traces Not Purged By The ADR?

[Note 1283137.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1457196.1&id=1283137.1)  Master Note for 11g Diagnosability - ADR and Packaging

**References**

[NOTE:135063.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1457196.1&id=135063.1) - How To Change the Listener Log Filename Without Stopping the Listener  
[NOTE:1438242.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1457196.1&id=1438242.1) - Why Are My Listener Logs & Traces Not Purged By The ADR?  
[NOTE:1283137.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1457196.1&id=1283137.1) - Master Note for 11g Diagnosability - ADR and Packaging

[NOTE:77674.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=1457196.1&id=77674.1) - LSNRCTL SET Commands

or

echo /dev/null >listener.log

show log\_status

LSNRCTL> save\_config

**How To Purge Listener Log.Xml File? (Doc ID 816871.1)**

**Applies to:**

Oracle Database - Enterprise Edition - Version 11.1.0.6 and later  
 Information in this document applies to any platform.  
 \*\*\*Checked for relevance on 22-Jan-2016\*\*\*

**Goal**

Q1: Is there another way to purge the listener's log.xml?  
  
The purge command doesn't appear to work for listener log.xml like it does log.xml for the database instances.

**Solution**

A: The ADRCI interface is only supposed to modify the XML-formatted alert file and not the former .LOG text files (maintained for backward compatibility).  
  
 Normally, log.xml will only reflect very recent data, and it won't get purged. However, as the log file grows, it will be archived into a log\_1.xml, log\_2.xml and so on, and those files will get purged instead.  
  
 The "archived" log\_1.xml, etc. will not show up until the log.xml file gets to 10MBytes.  
  
 NOTE:  
 To purge the text-formatted log files, it is necessary to delete them at the OS or manage them as you have done so in the past.  
  
 For the database instances, purging of the log.xml files has been implemented. However, this functionality is not yet available for the Oracle Net side, e.g. the listener log.xml.  
 We have logged an enhancement request under unpublished  
 Bug 9576112 - AUTOMATIC PURGE OF 11G LISTENER LOGS LOG\_NNN.XML to get similar purge-mechanism added on the Net side.

**References**

[NOTE:751082.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=816871.1&id=751082.1) - Adrci Purge Does Not Clear the Text-formatted Alert.Log located in the Trace Folder

[NOTE:1438242.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=816871.1&id=1438242.1) - Why Are My Listener Logs & Traces Not Purged By The ADR?

