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| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **Password Not Required When Administering 10g or Newer Listeners Using Lsnrctl Utility [ID 372717.1]**     |  | | --- | | A secondary user is able to administer the listener if a listener password is  set and the secondary user knows the password. In this example, "oracle" will  set an encrypted password for the listener and the user "sales" will stop the  listener.    As the "oracle" user, set and encrypt the listener password:  1) LSNRCTL> set current\_listener <listener\_name>  2) LSNRCTL> change\_password      Old password: <enter>      New password: 10glistener  (text is not echoed)      Reenter new password: 10glistener    (text is not echoed)  3) LSNRCTL> save\_config  4) LSNRCTL> status  STATUS output will now show:  Security                  ON: Password or Local OS Authentication  As the "sales" user, enter the password to administer the listener:  1) LSNRCTL> set password <enter>      Password: 10glistener   (text is not echoed)  2) LSNRCTL> stop |          |  |  | | --- | --- | | |  | | --- | | **Cause** | |        |  |  |  |  | | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | This is a known feature that was introduced with 10gR1 and is included in all newer versions of the listener — the "*Local OS Authentication*" feature, which is activated by default:  $ lsnrctl status  LSNRCTL for Linux: Version 10.2.0.1.0 - Production on 08-JUN-2006 17:41:40  Copyright (c) 1991, 2005, Oracle. All rights reserved.    Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=EXTPROC1)))  STATUS of the LISTENER  ------------------------  Alias LISTENER  Version TNSLSNR for Linux: Version 10.2.0.1.0 - Production  Start Date 30-MAY-2006 19:47:09  Uptime 8 days 21 hr. 54 min. 31 sec  Trace Level off  Security ON: **Password or Local OS Authentication**  SNMP OFF    The "*Local OS Authentication*" feature permits the user who started the listener to administer it without providing a password even when a password is set.       |  |  | | --- | --- | | |  | | --- | | **Solution**  It is possible to disable the Local OS Authentication and use the password feature if necessary.  To disable the "*Local OS Authentication*" feature follow the procedure outlined below:  1.  Stop the listener.  2.  Add the following parameter in the listener.ora file and save it (replace <listener\_name> with your listener service name, use LISTENER for the default listener):  LOCAL\_OS\_AUTHENTICATION\_<listener\_name> = OFF  3.  Restart the listener    Once this is done, only password authentication is enabled for administering the listener or usage of privileged commands in LSNRCTL utility:  $ lsnrctl status  LSNRCTL for Linux: Version 10.2.0.1.0 - Production on 08-JUN-2006 17:41:40  Copyright (c) 1991, 2005, Oracle. All rights reserved.  Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=IPC)(KEY=EXTPROC1)))  STATUS of the LISTENER  ------------------------  Alias             LISTENER  Version           TNSLSNR for Linux: Version 10.2.0.1.0 - Production  Start Date        30-MAY-2006 19:47:09  Uptime            8 days 21 hr. 54 min. 40 sec  Trace Level       off  Security          **ON: Password**  SNMP              OFF  Note the Security setting is "ON:  Password" versus "Password or Local OS Authentication" as shown in the previous lsnrctl status output. | | | | | | |