

## Lsnrctl Start is Extremely Slow or Appears to Hang [ID 334587.1]

### Applies to:

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Oracle Net Services - Version: 8.1.7.0.0 to 10.2.0.4.0 - Release: 8.1.7 to 10.2

IBM AIX on POWER Systems (64-bit)

IBM AIX on POWER Systems (32-bit)

IBM AIX Based Systems (64-bit) IBM AIX Based Systems (32-bit)

IBM RS 6000 AIX 5L AIX-Based Systems

AIX5L Based Systems (64-bit) AIX Based Systems (32-bit)

### Symptoms

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Lsnrctl start takes as long as one minute to start. A timestamped, level 16 listener trace will likely show the significant delay here:

```
[19-SEP-2005 20:59:53:792] nsnainconn: no native services in use - returning
[19-SEP-2005 20:59:53:792] nsnainconn: signalling that calling function should not continue
[19-SEP-2005 20:59:53:792] nsnainconn: normal exit
[19-SEP-2005 20:59:53:792] nsnaconn: normal exit
[19-SEP-2005 20:59:53:792] nsaccept: exit (0)
***45 second delay here
[19-SEP-2005 21:00:38:515] nsglma: WARNING - SNMP master agent is not running OR
snmp.ora file does not exist.
[19-SEP-2005 21:00:38:515] nsewait: entry
[19-SEP-2005 21:00:38:515] nsewait: 2 registered connection(s)
[19-SEP-2005 21:00:38:515] nsewait: 0 pre-posted event(s)
```

### Cause

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1. A significant delay at SNMP is generally caused by some hostname/ip address resolution issue.

In this case, the ifconfig -a command reveals that 2 interfaces are configured for the same IP address.

Once one of these NICs is removed, the listener started immediately.

2. This problem can also manifest if there is an incorrect mapping in /etc/hosts for this server OR if the DNS Server is not configured for correct hostname lookup of the server in question.

3. Also, there could be firewall settings such as "SQLNet Inspection" settings causing a delay when inspecting.

### Solution

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1. Use the operating system commands to remove the interface or assign a unique ip address to each NIC.
2. Verify the mappings in /etc/hosts are correct for this host and make certain there are no differences in any DNS Servers with respect to hostname to IP address lookup.
3. Ensure that any SQL\*Net Inspection settings are disabled for firewalls that affect this Server.