Oracle® Traffic Director

Release Notes

11g Release 1 (11.1.1.7.0)

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This document contains information about the known issues for Oracle Traffic Director 11.1.1.7.0. For information about the new features in this release of Oracle Traffic Director, see "What's New in this Release" in the *Oracle Traffic Director Administrator's Guide*.

1 Known Issues

This section provides information about the known issues for Oracle Traffic Director 11.1.1.7.0 along with possible workarounds:

- "Oracle Linux on Exalogic"

- "Oracle Solaris on Exalogic and Oracle SuperCluster"

1.1 Oracle Linux on Exalogic

This section provides information about the known issues for Oracle Traffic Director 11.1.1.7.0 installed on Oracle Linux on Exalogic.

1.1.1 Increase Limit of <max-connections> for an Origin Server

The server.xml schema enforces a limit on the maximum number of connections that can be made to a single origin server. This limit is 20480.

1.1.2 SNMP Agent Crashes when an Oracle Traffic Director Instance is Stopped

If Oracle Traffic Director instances are reconfigured before running the `snmpwalk` command, `snmpagt` does not initialize correctly and it crashes.

Workaround

This is an initialization issue with the Oracle Traffic Director snmp agent. The agent can be initialized by performing the following steps:

1. Start the instance server.

2. Start `snmpagt`.

3. Run the following snmp command:

   ```
   snmpwalk -v2c -c public <host:11161> 1.3.6.1.4.1
   ```

The `snmpwalk` command will force `snmpagt` to initialize correctly.

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> **Note:** Make sure to execute the `snmpwalk` command once whenever `snmpagt` is started or restarted.

1.1.3 Error Message is Displayed when Uppercase is Used for Host Name

If you use the `--node-host` option while configuring an administration node and specify the host name in uppercase, then the following error might be displayed for that particular node when performing lifecycle operations such as starting, stopping, reconfiguring Oracle Traffic Director instances or deploying Oracle Traffic Director configuration changes:

```
OTD-63763, Configuration <config-name> has not been deployed to node
<node-name>.
```

Workaround

While configuring an administration node, specify the value for `--node-host` option in lowercase.

1.1.4 Incorrect Toggle Message for Failover Nodes

After the primary and backup failover nodes have been toggled using the administration console, the nodes are correctly listed as toggled. However, a message in the Console Messages pane will incorrectly indicate that the nodes were not toggled.

1.1.5 Default Value for Sticky Cookie is Wrong

JSESSIONID is the value that is displayed as the default value for the sticky cookie property for routes in the administration console and CLI. This value is wrong, and the correct default value for sticky cookie is asterisk (*).

1.1.6 Oracle Traffic Director Administration Console Does Not List Network Interface Aliases

In the Oracle Traffic Director administration console, while creating failover groups using the New Failover Group wizard, it is not possible to configure failover groups based on network interface aliases.

Workaround

Perform the following steps to configure failover groups using network interface aliases. For example, to configure the VIP on the `bond0:3` interface alias:

1. Create a failover group on the `bond0` interface. For information about creating a failover group, see "Creating Failover Groups" in the *Oracle Traffic Director Administrator's Guide*.

2. Edit the `keepalived.conf` file, located at `INSTANCE_HOME/net-config_name/config`, and add the alias name as a label for the IP address. In the example below, the `virtual_ipaddress` option is edited to include `label bond0:3`:

   Before editing:

   ```
   vrrp_instance otd-vrrp-router-1 {
           priority 225
           interface bond0
           virtual_ipaddress {
                   10.244.64.187/24
           }
   ```

```
        virtual_router_id 253
```

After editing:

```
vrrp_instance otd-vrrp-router-1 {
        priority 225
        interface bond0
        virtual_ipaddress {
                10.244.64.187/24 label bond0:3
        }
        virtual_router_id 253
```

3. After editing the `keepalived.conf` file, start /stop the instance for the changes to take effect.

> **Note:** When creating a failover group, if the administration node process is running as non-`root` on the node where the instances are located, then you must run `start-failover` on those nodes as a `root` user. This is to manually start the failover. If this command is not executed, failover will not start and there will be no high availability.

1.1.7 Cannot Prevent Oracle Traffic Director Services from Automatically Starting on Boot

Services are enabled/disabled per node, and there is no way to enable/disable services on specific instances running on a node.

Workaround

Use the `chkconfig` command to prevent a service from starting after a boot/reboot. For example, to disable service for specific instances on a node, run the following command:

```
chkconfig <service-instance-name> off
```

1.1.8 Cannot Create a Failover Group When There Are No Instances

When creating a failover group using the administration console or the CLI, if the administration nodes that you select for high availability do not have Oracle Traffic Director instances available on them, then the following error message will be displayed:

```
Error occurred in creating the failover group with virtual IP <ip_address>.
java.lang.NoSuchMethodException:
com.sun.web.admin.mbeans.ConfigurationMBean.createInstance(com.sun.web.admin.confi
glib.Configuration, com.sun.web.admin.configlib.DeployedConfiguration,
java.lang.Boolean, java.lang.Boolean, java.util.List,
com.sun.web.admin.exceptions.MultiNodeException)
```

Workaround

Before creating the failover group, ensure that the primary and backup instances are available. For more information about creating instances, see "Creating Oracle Traffic Director Instances" in the *Oracle Traffic Director Administrator's Guide*.

1.2 Oracle Solaris on Exalogic and Oracle SuperCluster

This section provides information about the known issues for Oracle Traffic Director 11.1.1.7.0 installed on Oracle Solaris on Exalogic, and Oracle SuperCluster.

1.2.1 NIC Auto Detection is Choosing an Unsupported IPMP Interface during HA Failover

Auto detection of network interface fails when creating a failover group using the `tadm` command in Solaris SuperCluster. The same command succeeds when network interface is specified.

1.2.2 Oracle Traffic Director High Availability Configuration for Exalogic (Solaris) and Oracle Super Cluster Can Only Support EoIB interface on a Global Zone

Oracle Traffic Director cannot be configured to provide high availability on IP over IB. Currently, on Solaris, Oracle Traffic Director supports high availability only on Ethernet over IB on a global zone.

2 Documentation Accessibility

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