Contents

Introduction

This document describes a step by step procedure to replace **nco_g_oracle** process with **nco_g_jdbc** in Prime Central 1.4 and later releases.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- Prime Central
- Basic Linux Operating System (OS) commands

Components Used

The information in this document is based on these software and hardware versions:

- Prime Central 1.4 and above
- Oracle database

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Background Information

After Prime Central upgrades from any lower version to Prime Central 1.4 and later releases, at few instances you observe that **nco_g_oracle** process still runs instead of **nco_g_jdbc** process.

Default behaviour of upgrade process to Prime Central 1.4 and later release includes replacement of **nco_g_oracle** by **nco_g_jdbc** process.

Problem

Prime Central **G_JDBC.log** throws this error message that indicates the issue wherein **nco_g_oracle** process still runs post Prime Central 1.4 and later releases sucessfull

upgrade:

```
Fatal: F-IVM-005-001: OpenServer - Fatal Error: Could not find server name 'NCO_GATE' in
interfaces file
```

> **Note**: **G_JDBC.log** file is stored at **installation-directory/faultmgmt/omnibus/log** directory.

Solution

Step 1. Check **omni.date** file for NCO_GATE entries:

```
[NCO_GATE]
{
 Primary: <server_hostname> 4300
}
```

> **Note**: **omni.dat** file is stored at **installation-directory/faultmgmt/etc** directory.

Step 2. If you find other NCO entries like these, and if NCO_GATE entries are not added or added incorrectly then follow Step 3.:

```
[NCO_GATE_REF]
{
 Primary: <server_hostname> 4310
}
[NCO_GATE_TEST]
{
 Primary: <server_hostname> 4320
}
[NCO_GATE_PROD]
{
 Primary: <server_hostname> 4330
}
```

Step 3. Add NCO_GATE entries in **omni.dat** file:

```
[NCO_GATE]
{
 Primary: <server_hostname> 4300
}
```

> **Note**: You have to add an entry for NCO_GATE with a free open port.

Step 4. Regenerate interfaces file **/etc/interfaces.linux2x86**:

```
su - primeusr
cd $NCHOME/bin/
./nco_igen -arch linux2x86
```

Step 5. Restart JDBC_Gateway:

```
cd $NCHOME/omnibus/bin
./nco_pa_stop -server NCO_PA -user primeusr -password <primeusrpwd> -process JDBC_Gateway
./nco_pa_start -server NCO_PA -user primeusr -password <primeusrpwd> -process JDBC_Gateway
```

Note: **primeusrpwd** is the password for Prime Central application user.

Step 6. Kill the already started **nco_g_oracle** process from Linux OS.