

# Oracle® Communications Network Charging and Control

## Diameter Control Agent Alarms Guide



Release 15.0.1

June 2024

The Oracle logo, consisting of the word "ORACLE" in white, uppercase, sans-serif font, centered within a solid red square.

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# Alarm Topic Description

## Alarm Generation

Alarms on each configured node are written to the syslog and are then captured by the smsAlarmDaemon for entry in the SMF database.

For management of these alarms, see *Service Management System Technical Guide*.

## Severity Levels

This table describes the alarm severity levels.

| Level    | Abbreviation | Description                                                                                                                          |
|----------|--------------|--------------------------------------------------------------------------------------------------------------------------------------|
| Critical | C            | These alarms are raised when the application has encountered an error indicating that the system is unable to function.              |
| Error    | E            | These alarms indicate the application has encountered a serious problem completing a necessary task and could not complete the task. |
| Warning  | W            | Warnings are raised to indicate the application encountered a problem completing a non-mission critical task.                        |
| Notice   | N            | Notices are raised to indicate that the application has completed a task successfully.                                               |

## Alarm Format

Alarms usually follow this format:

```
Mon DD 24:MM:SS hostname process name: [ID alarmID user.severity] process(PID)
SEVERITY: Alarm text with possible variables
```

Where:

| Variable     | Description                                                                                                                                   |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Mon DD       | Month and date the alarm was logged.                                                                                                          |
| 24:MM:SS     | Time the alarm was logged in 24 hour format.                                                                                                  |
| hostname     | Name of the machine on which the alarm was generated.                                                                                         |
| process name | Name of the process which logged the alarm.                                                                                                   |
| alarmID      | ID number of the alarm.                                                                                                                       |
| severity     | Alarm severity.                                                                                                                               |
| process      | Name of the process which logged the alarm.                                                                                                   |
| PID          | Process ID of the process which logged the alarm.                                                                                             |
| SEVERITY     | Alarm severity.                                                                                                                               |
| Alarm text   | Alarm text. This may include variables such as node number.<br><b>Note:</b> In some cases, the entire alarm text is generated from variables. |

**Note:** Some alarms from some subsystems may have a different format.

**Example:** This text shows an smsMaster alarm about pending update queues.

```
Mar 30 13:34:54 prodsmpl smsMaster: [ID 953149 user.warning] smsMaster(17833)  
WARNING: Pending queue now above 15 (Worst Node 317)
```

### Alarm Text and Variables

The %d and %s symbols represent variables within the alarm text. These values are generated by the subsystem and added to the message when the alarm is raised.

Usually the %d is a number and the %s is text in the context of the message to complete the alarm message. Occasionally other % symbols are also used (for example, %u) for different variables.

### Further Information

For more information about:

- The SMS Alarms subsystem, see *Service Management System Technical Guide*
- Creating and maintaining the SMS Alarm Relay rule set, see *Service Management System User's Guide*

## Diameter Control Agent Alarms

| Alarm  | Severity | Text             | Cause                                                                                                          | Resolution                                                                                                                                                                                                                        | Service |
|--------|----------|------------------|----------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 960001 | ERROR    | %z \{960001\} %z | OS failure to attach SIGHUP handler to SIGHUP to reread config.                                                | Contact support.                                                                                                                                                                                                                  | DCA     |
| 960002 | CRITICAL | %z \{960002\} %z | SLEE subsystem failed to initialise instance. Possibly due to resource limitations or misconfiguration         | Check the lines in /IN/service_packages/SLEE/etc/SL EE.cfg relating to SLEE interfaces and diameterControlAgent. Check for exception messages in /IN/service_packages/DCA/tmp/diameterControlAgent.log. Finally, contact support. | DCA     |
| 960003 | CRITICAL | %z \{960003\} %z | The Diameter stack could not be initialised. Due to network problems, resource limitations or misconfiguration | Check for exception messages in /IN/service_packages/DCA/tmp/diameterControlAgent.log. Finally, contact support.                                                                                                                  | DCA     |
| 960004 | ERROR    | %z \{960004\} %z | OS failure to attach SIGTERM handler to SIGTERM for program exit.                                              | Contact support.                                                                                                                                                                                                                  | DCA     |
| 960005 | ERROR    | %z \{960005\} %z | Software fault or misconfiguration.                                                                            | Contact support.                                                                                                                                                                                                                  | DCA     |
| 960006 | ERROR    | %z \{960006\} %z | Software fault or misconfiguration.                                                                            | Contact support.                                                                                                                                                                                                                  | DCA     |
| 960007 | NOTICE   | %z \{960007\} %z | Diameter control agent exiting normally from quiescing state.                                                  | Not a fault.                                                                                                                                                                                                                      | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                              | Resolution                                                                              | Service |
|--------|----------|------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------|
| 960008 | ERROR    | %z \{960008\} %z | Software fault or misconfiguration.                                                                | Contact support.                                                                        | DCA     |
| 960009 | NOTICE   | %z \{960009\} %z | Diameter control agent exiting normally after receiving INTERFACE_KILL event.                      | Not a fault.                                                                            | DCA     |
| 960010 | ERROR    | %z \{960010\} %z | Software fault or misconfiguration.                                                                | Contact support.                                                                        | DCA     |
| 960011 | ERROR    | %z \{960011\} %z | Misconfiguration resulted in failure to reread configuration.                                      | Check the file permissions and the syntax of the config file. Finally, contact support. | DCA     |
| 960012 | CRITICAL | %z \{960012\} %z | Misconfiguration resulted in failure to read configuration, diameterControlAgent could not start.  | Check the file permissions and the syntax of the config file. Finally, contact support. | DCA     |
| 960013 | NOTICE   | %z \{960013\} %z | Configuration file loaded.                                                                         | Not a fault.                                                                            | DCA     |
| 960014 | CRITICAL | %z \{960014\} %z | Misconfiguration resulted in failure to parse configuration, diameterControlAgent could not start. | Check the syntax of the config file. Finally, contact support.                          | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                                                              | Resolution                                                                                   | Service |
|--------|----------|------------------|------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------|
| 960015 | ERROR    | %z \{960015\} %z | Misconfiguration resulted in failure to parse configuration, diameterControlAgent could not change configuration.                  | Check the syntax of the config file. Finally, contact support.                               | DCA     |
| 960016 | ERROR    | %z \{960016\} %z | Misconfiguration resulted in failure to refresh Diameter stack configuration, diameterControlAgent could not change configuration. | Check the syntax of the config file, diameter peer scheme section. Finally, contact support. | DCA     |
| 960017 | WARNING  | %z \{960017\} %z | Configuration reverted to old configuration after failure to refresh Diameter stack configuration.                                 | Check the syntax of the config file, diameter peer scheme section. Finally, contact support. | DCA     |
| 960018 | CRITICAL | %z \{960018\} %z | The diameterControlAgent has encountered an expected fatal and is exiting.                                                         | Contact support.                                                                             | DCA     |
| 960019 | ERROR    | %z \{960019\} %z | OS failure to ignore SIGPIPE.                                                                                                      | Contact support.                                                                             | DCA     |
| 960020 | ERROR    | %z \{960020\} %z | Software or invalid message sequence from client.                                                                                  | Contact support.                                                                             | DCA     |
| 960021 | ERROR    | %z \{960021\} %z | Software or invalid message sequence from client.                                                                                  | Contact support.                                                                             | DCA     |

| Alarm  | Severity | Text             | Cause                                                     | Resolution                               | Service |
|--------|----------|------------------|-----------------------------------------------------------|------------------------------------------|---------|
| 960022 | ERROR    | %z \{960022\} %z | Invalid message received from client.                     | Contact the administrator of the client. | DCA     |
| 960023 | ERROR    | %z \{960023\} %z | Software or invalid message sequence from client.         | Contact support.                         | DCA     |
| 960024 | ERROR    | %z \{960024\} %z | Software or invalid message sequence from client.         | Contact support.                         | DCA     |
| 960025 | NOTICE   | %z \{960025\} %z | Notification of config item loaded.                       | Not a fault.                             | DCA     |
| 960026 | NOTICE   | %z \{960026\} %z | Notification of config item using default.                | Not a fault.                             | DCA     |
| 960027 | NOTICE   | %z \{960027\} %z | Notification of config item loaded.                       | Not a fault.                             | DCA     |
| 960028 | NOTICE   | %z \{960028\} %z | Notification of config item using default.                | Not a fault.                             | DCA     |
| 960029 | NOTICE   | %z \{960029\} %z | Notification of config item loaded.                       | Not a fault.                             | DCA     |
| 960030 | NOTICE   | %z \{960030\} %z | Notification of config item using default.                | Not a fault.                             | DCA     |
| 960031 | NOTICE   | %z \{960031\} %z | Notification of config item loaded.                       | Not a fault.                             | DCA     |
| 960032 | NOTICE   | %z \{960032\} %z | Notification of config item loaded.                       | Not a fault.                             | DCA     |
| 960033 | ERROR    | %z \{960033\} %z | The requested service was not present in the config file. | Contact support.                         | DCA     |

| Alarm  | Severity | Text             | Cause                                | Resolution       | Service |
|--------|----------|------------------|--------------------------------------|------------------|---------|
| 960034 | NOTICE   | %z \{960034\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960035 | NOTICE   | %z \{960035\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960036 | NOTICE   | %z \{960036\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960037 | NOTICE   | %z \{960037\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960038 | NOTICE   | %z \{960038\} %z | Notification of config item missing. | Contact support. | DCA     |
| 960039 | NOTICE   | %z \{960039\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960040 | NOTICE   | %z \{960040\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960041 | NOTICE   | %z \{960041\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960042 | ERROR    | %z \{960042\} %z | Notification of config item missing. | Contact support. | DCA     |
| 960043 | NOTICE   | %z \{960043\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960044 | NOTICE   | %z \{960044\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960045 | NOTICE   | %z \{960045\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960046 | NOTICE   | %z \{960046\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960047 | NOTICE   | %z \{960047\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960048 | NOTICE   | %z \{960048\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                                   | Resolution                                                                              | Service |
|--------|----------|------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------|
| 960049 | CRITICAL | %z \{960049\} %z | The configuration file could not be opened, diameterControlAgent could not start.                       | Check the file permissions and the syntax of the config file. Finally, contact support. | DCA     |
| 960050 | CRITICAL | %z \{960050\} %z | The configuration file is missing the DCAInstances section, diameterControlAgent could not start.       | Check the config file. Finally, contact support.                                        | DCA     |
| 960051 | CRITICAL | %z \{960051\} %z | The configuration file is missing the DCAInstances section, diameterControlAgent could not start.       | Check the config file. Finally, contact support.                                        | DCA     |
| 960052 | CRITICAL | %z \{960052\} %z | The configuration file DCAInstances section has incorrect syntax, diameterControlAgent could not start. | Check the config file. Finally, contact support.                                        | DCA     |
| 960053 | CRITICAL | %z \{960053\} %z | The configuration file is missing the PeerSchemes section, diameterControlAgent could not start.        | Check the config file. Finally, contact support.                                        | DCA     |
| 960054 | CRITICAL | %z \{960054\} %z | The configuration file is missing the PeerSchemes section, diameterControlAgent could not start.        | Check the config file. Finally, contact support.                                        | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                                  | Resolution                                       | Service |
|--------|----------|------------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------|
| 960055 | CRITICAL | %z \{960055\} %z | The configuration file PeerSchemes section has incorrect syntax, diameterControlAgent could not start. | Check the config file. Finally, contact support. | DCA     |
| 960056 | NOTICE   | %z \{960056\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960057 | NOTICE   | %z \{960057\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960058 | NOTICE   | %z \{960058\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960059 | NOTICE   | %z \{960059\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960060 | NOTICE   | %z \{960060\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960061 | NOTICE   | %z \{960061\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960062 | NOTICE   | %z \{960062\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960063 | NOTICE   | %z \{960063\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960064 | NOTICE   | %z \{960064\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960065 | NOTICE   | %z \{960065\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960066 | NOTICE   | %z \{960066\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |
| 960067 | NOTICE   | %z \{960067\} %z | Notification of config item loaded.                                                                    | Not a fault.                                     | DCA     |

| Alarm  | Severity | Text             | Cause                               | Resolution   | Service |
|--------|----------|------------------|-------------------------------------|--------------|---------|
| 960068 | NOTICE   | %z \{960068\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960069 | NOTICE   | %z \{960069\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960070 | NOTICE   | %z \{960070\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960071 | NOTICE   | %z \{960071\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960072 | NOTICE   | %z \{960072\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960073 | NOTICE   | %z \{960073\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960074 | NOTICE   | %z \{960074\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960075 | NOTICE   | %z \{960075\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960076 | NOTICE   | %z \{960076\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960077 | NOTICE   | %z \{960077\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960078 | NOTICE   | %z \{960078\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960079 | NOTICE   | %z \{960079\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960080 | NOTICE   | %z \{960080\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960081 | NOTICE   | %z \{960081\} %z | Notification of config item loaded. | Not a fault. | DCA     |
| 960082 | NOTICE   | %z \{960082\} %z | Notification of config item loaded. | Not a fault. | DCA     |

| Alarm  | Severity | Text             | Cause                                | Resolution       | Service |
|--------|----------|------------------|--------------------------------------|------------------|---------|
| 960083 | NOTICE   | %z \{960083\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960084 | NOTICE   | %z \{960084\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960085 | NOTICE   | %z \{960085\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960086 | NOTICE   | %z \{960086\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960087 | NOTICE   | %z \{960087\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960090 | NOTICE   | %z \{960090\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960091 | NOTICE   | %z \{960091\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960092 | NOTICE   | %z \{960092\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960093 | NOTICE   | %z \{960093\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960098 | NOTICE   | %z \{960098\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960099 | NOTICE   | %z \{960099\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960100 | NOTICE   | %z \{960100\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960101 | NOTICE   | %z \{960101\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |
| 960108 | ERROR    | %z \{960108\} %z | Notification of config item missing. | Contact support. | DCA     |
| 960109 | NOTICE   | %z \{960109\} %z | Notification of config item loaded.  | Not a fault.     | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                                         | Resolution                                                                                                                                                                         | Service |
|--------|----------|------------------|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 960110 | NOTICE   | %z \{960110\} %z | Notification of config item loaded.                                                                           | Not a fault.                                                                                                                                                                       | DCA     |
| 960111 | NOTICE   | %z \{960111\} %z | Notification of config item loaded.                                                                           | Not a fault.                                                                                                                                                                       | DCA     |
| 960112 | NOTICE   | %z \{960112\} %z | Notification of config item loaded.                                                                           | Not a fault.                                                                                                                                                                       | DCA     |
| 960113 | NOTICE   | %z \{960113\} %z | Notification of config item loaded.                                                                           | Not a fault.                                                                                                                                                                       | DCA     |
| 960114 | NOTICE   | %z \{960114\} %z | Notification of config item loaded.                                                                           | Not a fault.                                                                                                                                                                       | DCA     |
| 960115 | NOTICE   | %z \{960115\} %z | Notification of config item loaded.                                                                           | Not a fault.                                                                                                                                                                       | DCA     |
| 960116 | NOTICE   | %z \{960116\} %z | Notification of config item loaded.                                                                           | Not a fault.                                                                                                                                                                       | DCA     |
| 960117 | NOTICE   | %z \{960117\} %z | Notification of config item loaded.                                                                           | Not a fault.                                                                                                                                                                       | DCA     |
| 960118 | ERROR    | %z \{960118\} %z | The service key does not appear in SLEE.cfg or the application referred to by the service key is not running. | Check that all the sleeServiceKey entries in the DCA section of config file have SERVICEKEY entries in SLEE.cfg. Check that the service application (usually slee_acs) is running. | DCA     |
| 960119 | ERROR    | %z \{960119\} %z | Software error or out of resources.                                                                           | Check the entry for the exception in the diameterControlAgent log. Contact support.                                                                                                | DCA     |
| 960120 | ERROR    | %z \{960120\} %z | Software error.                                                                                               | Contact support.                                                                                                                                                                   | DCA     |
| 960121 | ERROR    | %z \{960121\} %z | Software error.                                                                                               | Contact support.                                                                                                                                                                   | DCA     |

| Alarm  | Severity | Text             | Cause                                             | Resolution                                                                                         | Service |
|--------|----------|------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------|---------|
| 960123 | ERROR    | %z \{960123\} %z | Tcc timer has expired so session is assumed dead. | Contact the administrator of the client.                                                           | DCA     |
| 960124 | ERROR    | %z \{960124\} %z | Invalid message received from client.             | Contact the administrator of the client.                                                           | DCA     |
| 960125 | ERROR    | %z \{960125\} %z | Software or configuration error.                  | Contact support.                                                                                   | DCA     |
| 960126 | ERROR    | %z \{960126\} %z | Software or configuration error.                  | Contact support.                                                                                   | DCA     |
| 960127 | ERROR    | %z \{960127\} %z | Software or configuration error.                  | Contact support.                                                                                   | DCA     |
| 960134 | ERROR    | %z \{960134\} %z | Network problem or client software error.         | Investigate whether the client failed to send a CCA message or whether it was lost in the network. | DCA     |
| 960135 | ERROR    | %z \{960135\} %z | Client software error.                            | Investigate the problem on the client.                                                             | DCA     |
| 960136 | ERROR    | %z \{960136\} %z | Software error.                                   | Contact support.                                                                                   | DCA     |
| 960137 | ERROR    | %z \{960137\} %z | Configuration in config file.                     | Fix the config file.                                                                               | DCA     |
| 960140 | ERROR    | %z \{960140\} %z | Software error.                                   | Contact support.                                                                                   | DCA     |
| 960141 | ERROR    | %z \{960141\} %z | Software error.                                   | Contact support.                                                                                   | DCA     |
| 960142 | NOTICE   | %z \{960142\} %z | Notification of config item loaded.               | Not a fault.                                                                                       | DCA     |
| 960143 | NOTICE   | %z \{960143\} %z | Notification of config item default loaded.       | Not a fault.                                                                                       | DCA     |
| 960144 | NOTICE   | %z \{960144\} %z | Notification of config item default loaded.       | Not a fault.                                                                                       | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                                                  | Resolution                                                                                                  | Service |
|--------|----------|------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------|
| 960145 | NOTICE   | %z \{960145\} %z | Notification of config item default loaded.                                                                            | Not a fault.                                                                                                | DCA     |
| 960146 | NOTICE   | %z \{960146\} %z | Notification of config item default loaded.                                                                            | Not a fault.                                                                                                | DCA     |
| 960147 | NOTICE   | %z \{960147\} %z | Notification of config item problem.                                                                                   | Correct corresponding config file section.                                                                  | DCA     |
| 960148 | NOTICE   | %z \{960148\} %z | Notification of config item loaded.                                                                                    | Not a fault.                                                                                                | DCA     |
| 960149 | ERROR    | %z \{960149\} %z | diameterControlAgent has received an INAP Connect but no gracefulTerminationValidityTime is configured in config file. | Configure a gracefulTerminationValidityTime parameter or reconfigure ACS/CCS so that a Connect is not sent. | DCA     |
| 960150 | NOTICE   | %z \{960150\} %z | There is a problem with the config file.                                                                               | Instance sections in the config file need a name. This should be corrected, although it may not be fatal.   | DCA     |
| 960151 | CRITICAL | %z \{960151\} %z | The configuration file has no scheme configured this instance, diameterControlAgent could not start.                   | Check the file permissions and the contents of the config file. Finally, contact support.                   | DCA     |
| 960152 | CRITICAL | %z \{960152\} %z | The configuration file has no section for the scheme required by this instance, diameterControlAgent could not start.  | Check the file permissions and the contents of the config file. Finally, contact support.                   | DCA     |

| Alarm  | Severity | Text             | Cause                                       | Resolution                                                                          | Service |
|--------|----------|------------------|---------------------------------------------|-------------------------------------------------------------------------------------|---------|
| 960153 | ERROR    | %z \{960153\} %z | Software or out of resources.               | Check the entry for the exception in the diameterControlAgent log. Contact support. | DCA     |
| 960156 | NOTICE   | %z \{960156\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960157 | NOTICE   | %z \{960157\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960158 | NOTICE   | %z \{960158\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960159 | NOTICE   | %z \{960159\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960160 | ERROR    | %z \{960160\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960161 | NOTICE   | %z \{960161\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960162 | NOTICE   | %z \{960162\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960163 | NOTICE   | %z \{960163\} %z | Notification of config item default loaded. | Not a fault.                                                                        | DCA     |
| 960164 | NOTICE   | %z \{960164\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960165 | NOTICE   | %z \{960165\} %z | Notification of config item default loaded. | Not a fault.                                                                        | DCA     |
| 960166 | NOTICE   | %z \{960166\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |
| 960167 | NOTICE   | %z \{960167\} %z | Notification of config item loaded.         | Not a fault.                                                                        | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                 | Resolution                                                                               | Service |
|--------|----------|------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------|
| 960168 | NOTICE   | %z \{960168\} %z | Notification of config item default loaded.                                           | Not a fault.                                                                             | DCA     |
| 960169 | NOTICE   | %z \{960169\} %z | Notification of config item loaded.                                                   | Not a fault.                                                                             | DCA     |
| 960170 | NOTICE   | %z \{960170\} %z | Notification of config item loaded.                                                   | Not a fault.                                                                             | DCA     |
| 960171 | CRITICAL | %z \{960171\} %z | The entry in the DiameterServer section of config file must be specified as a string  | Ensure the entry is specified in the DiameterServer section of config file as a string.  | DCA     |
| 960172 | CRITICAL | %z \{960172\} %z | Invalid entry is specified in the DiameterServer section of config file.              | Ensure the entry is specified correctly in the DiameterServer section of config file.    | DCA     |
| 960173 | NOTICE   | %z \{960173\} %z | Notification of config item loaded.                                                   | Not a fault.                                                                             | DCA     |
| 960174 | CRITICAL | %z \{960174\} %z | The item in the DiameterServer section of config file must be specified as an integer | Ensure the item is specified in the DiameterServer section of config file as an integer. | DCA     |
| 960178 | NOTICE   | %z \{960178\} %z | Notification of config item loaded.                                                   | Not a fault.                                                                             | DCA     |
| 960179 | NOTICE   | %z \{960179\} %z | Notification of config item loaded.                                                   | Not a fault.                                                                             | DCA     |
| 960180 | NOTICE   | %z \{960180\} %z | Notification of config item loaded.                                                   | Not a fault.                                                                             | DCA     |

| Alarm  | Severity | Text             | Cause                                       | Resolution                                                                                       | Service |
|--------|----------|------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------|---------|
| 960181 | NOTICE   | %z \{960181\} %z | Notification of config item default loaded. | Not a fault.                                                                                     | DCA     |
| 960182 | NOTICE   | %z \{960182\} %z | Notification of config item loaded.         | Not a fault.                                                                                     | DCA     |
| 960191 | NOTICE   | %z \{960191\} %z | Notification of config item loaded.         | Not a fault.                                                                                     | DCA     |
| 960192 | NOTICE   | %z \{960192\} %z | Notification of config item default loaded. | Not a fault.                                                                                     | DCA     |
| 960193 | NOTICE   | %z \{960193\} %z | Notification of config item loaded.         | Not a fault.                                                                                     | DCA     |
| 960194 | NOTICE   | %z \{960194\} %z | Notification of config item loaded.         | Not a fault.                                                                                     | DCA     |
| 960197 | ERROR    | %z \{960197\} %z | Unexpected answer from (rebooted) client.   | Contact support.                                                                                 | DCA     |
| 960198 | ERROR    | %z \{960198\} %z | Software or invalid answer from client.     | Contact support.                                                                                 | DCA     |
| 960200 | NOTICE   | %z \{960200\} %z | Notification of config item loaded.         | Not a fault.                                                                                     | DCA     |
| 960203 | ERROR    | %z \{960203\} %z | Software or invalid answer from client.     | Contact support.                                                                                 | DCA     |
| 960204 | ERROR    | %z \{960204\} %z | Software or invalid answer from client.     | Contact support.                                                                                 | DCA     |
| 960210 | ERROR    | %z \{960210\} %z | Software fault or misconfiguration.         | Contact support.                                                                                 | DCA     |
| 960212 | ERROR    | %z \{960212\} %z | Misconfiguration.                           | Specify fewer mappings in the AvpMappings section of the config file. Or use encoded extensions. | DCA     |

| Alarm  | Severity | Text             | Cause                                                                             | Resolution             | Service |
|--------|----------|------------------|-----------------------------------------------------------------------------------|------------------------|---------|
| 960213 | NOTICE   | %z \{960213\} %z | Notification of config item loaded.                                               | Not a fault.           | DCA     |
| 960214 | NOTICE   | %z \{960214\} %z | Notification of config item loaded.                                               | Not a fault.           | DCA     |
| 960215 | ERROR    | %z \{960215\} %z | Session fallback timer expired.                                                   | Contact support.       | DCA     |
| 960216 | NOTICE   | %z \{960216\} %z | Notification of config item loaded.                                               | Not a fault.           | DCA     |
| 960217 | NOTICE   | %z \{960217\} %z | Notification of config item loaded.                                               | Not a fault.           | DCA     |
| 960218 | NOTICE   | %z \{960218\} %z | Notification of config item loaded.                                               | Not a fault.           | DCA     |
| 960219 | NOTICE   | %z \{960219\} %z | Notification of config item loaded.                                               | Not a fault.           | DCA     |
| 960220 | NOTICE   | %z \{960220\} %z | Notification of config item loaded.                                               | Not a fault.           | DCA     |
| 960221 | NOTICE   | %z \{960221\} %z | Notification of config item default loaded.                                       | Not a fault.           | DCA     |
| 960222 | NOTICE   | %z \{960222\} %z | Notification of config item default loaded.                                       | Not a fault.           | DCA     |
| 960230 | WARNING  | %z \{960230\} %z | Error in configuration file. TypeCriteria Element with repeating AVP Code Ignored | Check the config file. | DCA     |
| 960231 | WARNING  | %z \{960231\} %z | Error in configuration file. Element with repeating AVP Code Ignored              | Check the config file. | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                | Resolution                                    | Service |
|--------|----------|------------------|--------------------------------------------------------------------------------------|-----------------------------------------------|---------|
| 960232 | WARNING  | %z \{960232\} %z | Error in configuration file.<br>Element with AVP Code Ignored                        | Check the config file.                        | DCA     |
| 960233 | ERROR    | %z \{960233\} %z | Error in configuration file.<br>AvpMapping Ignored                                   | Check the config file.                        | DCA     |
| 960234 | ERROR    | %z \{960234\} %z | Error in configuration file.<br>AvpMapping Ignored                                   | Check the config file.                        | DCA     |
| 960235 | ERROR    | %z \{960235\} %z | Error in configuration file.<br>AvpMapping Ignored                                   | Check the config file.                        | DCA     |
| 960236 | ERROR    | %z \{960236\} %z | Error in configuration file.<br>AvpMapping Ignored                                   | Check the config file.                        | DCA     |
| 960237 | WARNING  | %z \{960237\} %z | Inbound Diameter message cannot contain a repeating key AVP; Possibly invalid config | Check the config file and/or diameter message | DCA     |
| 960238 | WARNING  | %z \{960238\} %z | Diameter message does not contain a key AVP; Possibly error in config                | Check the config file and/or diameter message | DCA     |
| 960239 | WARNING  | %z \{960239\} %z | Diameter message does not contain 1 or more Data AVPs; Possibly error in config      | Check the config file and/or diameter message | DCA     |

| Alarm  | Severity | Text             | Cause                                                                              | Resolution                                    | Service |
|--------|----------|------------------|------------------------------------------------------------------------------------|-----------------------------------------------|---------|
| 960240 | WARNING  | %z \{960240\} %z | Diameter message does not contain 1 or more Context AVPs; Possibly error in config | Check the config file and/or diameter message | DCA     |
| 960241 | WARNING  | %z \{960241\} %z | Format type mismatch between diameter message and config                           | Check the config file and/or diameter message | DCA     |
| 960242 | WARNING  | %z \{960242\} %z | Error in configuration file. AvpMapping Ignored                                    | Check the config file                         | DCA     |
| 960243 | WARNING  | %z \{960243\} %z | Error in configuration file.                                                       | Check the config file                         | DCA     |
| 960244 | WARNING  | %z \{960244\} %z | Error in configuration file.                                                       | Check the config file                         | DCA     |
| 960245 | CRITICAL | %z \{960245\} %z | Error in configuration file.                                                       | Check the config file                         | DCA     |
| 960246 | WARNING  | %z \{960246\} %z | Error in configuration file.                                                       | Check the config file                         | DCA     |
| 960247 | WARNING  | %z \{960247\} %z | Diameter times before 1902 cant be mapped to a profile field                       | Check the config file and/or diameter message | DCA     |
| 960248 | NOTICE   | %z \{960248\} %z | Notification of config item default loaded.                                        | Not a fault.                                  | DCA     |
| 960249 | NOTICE   | %z \{960249\} %z | Notification of config item default loaded.                                        | Not a fault.                                  | DCA     |
| 960250 | WARNING  | %z \{960250\} %z | Error in configuration file.                                                       | Check the config file                         | DCA     |

| Alarm  | Severity | Text             | Cause                                                        | Resolution                                                                                              | Service |
|--------|----------|------------------|--------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------|
| 960251 | WARNING  | %z \{960251\} %z | Unix times after 2036-02-07 cant be mapped to a Diameter AVP | Check the config file and/or diameter message                                                           | DCA     |
| 960252 | NOTICE   | %z \{960252\} %z | Not a fault.                                                 | No resolution                                                                                           | DCA     |
| 960253 | CRITICAL | %z \{960253\} %z | The avpValue must a number or numeric string.                | Correct the config file.                                                                                | DCA     |
| 960254 | NOTICE   | %z \{960254\} %z | Notification of config item loaded.                          | Not a fault.                                                                                            | DCA     |
| 960255 | NOTICE   | %z \{960255\} %z | Notification of config item loaded.                          | Not a fault.                                                                                            | DCA     |
| 960300 | WARNING  | %z \{960300\} %z | Incorrect configuration of diameterControlAgent              | Examine the DCA Mappings configuration and correct the mappings from AVPs to UINTEGER64 profile blocks. | DCA     |
| 960301 | WARNING  | %z \{960301\} %z | Incorrect configuration of diameterControlAgent              | Examine the DCA Mappings configuration and correct the mappings from AVPs to INTEGER profile blocks.    | DCA     |
| 960302 | WARNING  | %z \{960302\} %z | Incorrect configuration of diameterControlAgent              | Examine the DCA Mappings configuration and correct the mappings from AVPs to UINTEGER profile blocks.   | DCA     |
| 960303 | WARNING  | %z \{960303\} %z | Incorrect configuration of diameterControlAgent              | Examine the DCA Mappings configuration and correct the mappings from AVPs to INTEGER64 profile blocks.  | DCA     |
| 960304 | WARNING  | %z \{960304\} %z | Incorrect configuration of diameterControlAgent              | Examine the DCA Mappings configuration and correct the mappings from AVPs to TIME profile blocks.       | DCA     |

| Alarm  | Severity | Text             | Cause                                           | Resolution                                                                                                          | Service |
|--------|----------|------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------|
| 960305 | WARNING  | %z \{960305\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to BOOLEAN profile blocks.                | DCA     |
| 960306 | WARNING  | %z \{960306\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to integer profile blocks.                | DCA     |
| 960307 | WARNING  | %z \{960307\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to unsigned integer profile blocks.       | DCA     |
| 960308 | WARNING  | %z \{960308\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to 64bit signed integer profile blocks.   | DCA     |
| 960309 | WARNING  | %z \{960309\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to 64bit unsigned integer profile blocks. | DCA     |
| 960310 | WARNING  | %z \{960310\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to time profile blocks.                   | DCA     |
| 960311 | WARNING  | %z \{960311\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to boolean profile blocks.                | DCA     |
| 960312 | WARNING  | %z \{960312\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs for the mentioned tag type.               | DCA     |

| Alarm  | Severity | Text             | Cause                                           | Resolution                                                                                                | Service |
|--------|----------|------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------|
| 960313 | WARNING  | %z \{960313\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs for the mentioned tag.          | DCA     |
| 960317 | WARNING  | %z \{960317\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to INAP fields.                 | DCA     |
| 960318 | WARNING  | %z \{960318\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to INAP fields.                 | DCA     |
| 960319 | WARNING  | %z \{960319\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to INAP fields.                 | DCA     |
| 960320 | WARNING  | %z \{960320\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from AVPs to INAP fields.                 | DCA     |
| 960322 | WARNING  | %z \{960322\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from time AVPs to boolean profile fields. | DCA     |
| 960323 | WARNING  | %z \{960323\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings from time AVPs to profile fields.         | DCA     |
| 960340 | WARNING  | %z \{960340\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVPs.                         | DCA     |

| Alarm  | Severity | Text             | Cause                                           | Resolution                                                                                                                                             | Service |
|--------|----------|------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 960341 | WARNING  | %z \{960341\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to time format AVPs.                                                          | DCA     |
| 960342 | WARNING  | %z \{960342\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to address format AVPs.                                                       | DCA     |
| 960343 | WARNING  | %z \{960343\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to INAP operations.                                                           | DCA     |
| 960344 | WARNING  | %z \{960344\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to INAP operations.                                                           | DCA     |
| 960345 | WARNING  | %z \{960345\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings of boolean profile fields.                                                    | DCA     |
| 960346 | WARNING  | %z \{960346\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings of Integer32 AVP fields. The outbound value is too large for a 32bit Integer. | DCA     |
| 960347 | WARNING  | %z \{960347\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. There is no valid conversion to the mentioned AVP format.      | DCA     |

| Alarm  | Severity | Text             | Cause                                           | Resolution                                                                                                                                                              | Service |
|--------|----------|------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 960348 | WARNING  | %z \{960348\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The value is too large to fit into an Unsigned integer 32.                      | DCA     |
| 960350 | WARNING  | %z \{960350\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The value is too large to fit into an signed integer 64.                        | DCA     |
| 960351 | WARNING  | %z \{960351\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The value is too large to fit into an unsigned integer 64.                      | DCA     |
| 960352 | WARNING  | %z \{960352\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. Remove the conversion of a 64bit integer to a time AVP.                         | DCA     |
| 960353 | WARNING  | %z \{960353\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. Remove the conversion of a string to the mentioned AVP format.                  | DCA     |
| 960354 | WARNING  | %z \{960354\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. Remove the conversion of a non 4 or 8 byte profile field to integer AVP format. | DCA     |

| Alarm  | Severity | Text             | Cause                                           | Resolution                                                                                                                                                                                                                                    | Service |
|--------|----------|------------------|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 960355 | WARNING  | %z \{960355\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. Remove the conversion of a non 4 or 8 byte profile field to integer AVP format.                                                                       | DCA     |
| 960356 | WARNING  | %z \{960356\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. A Time profile field is incorrectly populated by the control plan, or the configuration incorrectly specifies the profile field as a time type.       | DCA     |
| 960357 | WARNING  | %z \{960357\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. A boolean profile field is incorrectly populated by the control plan, or the configuration incorrectly specifies the profile field as a boolean type. | DCA     |
| 960358 | WARNING  | %z \{960358\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. An unknown profile tag type is mentioned.                                                                                                             | DCA     |
| 960359 | WARNING  | %z \{960359\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The configuration specifies the use of a literal value that is not convertible to the required AVP type.                                              | DCA     |

| Alarm  | Severity | Text             | Cause                                           | Resolution                                                                                                                                                                                             | Service |
|--------|----------|------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 960360 | WARNING  | %z \{960360\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The configuration specifies the use of a conditional value that is not convertible to the required AVP type.   | DCA     |
| 960361 | WARNING  | %z \{960361\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The configuration specifies the use of an INAP number format that is not convertible to the required AVP type. | DCA     |
| 960362 | WARNING  | %z \{960362\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The configuration specifies the use of an INAP number format that is not convertible to the required AVP type. | DCA     |
| 960363 | WARNING  | %z \{960363\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The configuration specifies the use of an INAP number format that is not convertible to the required AVP type. | DCA     |
| 960364 | WARNING  | %z \{960364\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The configuration specifies the use of an INAP number format that is not convertible to the required AVP type. | DCA     |

| Alarm  | Severity | Text             | Cause                                           | Resolution                                                                                                                                                                                                    | Service |
|--------|----------|------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 960365 | WARNING  | %z \{960365\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. Either the INAP field is incorrectly formatted as a time, or the AVP format should not be a time type.                | DCA     |
| 960366 | WARNING  | %z \{960366\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. Either the INAP field is incorrectly formatted as a time, or the AVP format should not be a time type.                | DCA     |
| 960367 | WARNING  | %z \{960367\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The configuration incorrectly requests the conversion of an INAP field to an AVP type for which no conversion exists. | DCA     |
| 960368 | WARNING  | %z \{960368\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings of AVP fields. The configuration needs to specify a unit mapping for the granted units.                                                       | DCA     |
| 960370 | ERROR    | %z \{960370\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings of AVP fields. The outbound mapping configuration is unreadable.                                                                              | DCA     |

| Alarm  | Severity | Text             | Cause                                           | Resolution                                                                                                                       | Service |
|--------|----------|------------------|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------|
| 960371 | ERROR    | %z \{960371\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings of AVP fields. The outbound mapping configuration is unreadable. | DCA     |
| 960372 | ERROR    | %z \{960372\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings of AVP fields.                                                   | DCA     |
| 960373 | NOTICE   | %z \{960373\} %z | Not a fault                                     | No resolution                                                                                                                    | DCA     |
| 960374 | ERROR    | %z \{960374\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings to AVP fields. A literal value is not correctly specified.       | DCA     |
| 960375 | WARNING  | %z \{960375\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings to AVP fields. An INAP filed is not correctly specified.         | DCA     |
| 960376 | ERROR    | %z \{960376\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings to AVP fields. A literal field is not correctly specified.       | DCA     |
| 960377 | WARNING  | %z \{960377\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings to AVP fields. An INAP maping is not correctly specified.        | DCA     |
| 960378 | WARNING  | %z \{960378\} %z | Incorrect configuration of diameterControlAgent | Examine the DCA Mappings configuration and correct the mappings to AVP fields. An INAP maping is not correctly specified.        | DCA     |

| Alarm  | Severity | Text             | Cause                                                                                   | Resolution                                                                                                                                                                                         | Service |
|--------|----------|------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 960379 | NOTICE   | %z \{960379\} %z | Not a fault                                                                             | No resolution                                                                                                                                                                                      | DCA     |
| 960380 | ERROR    | %z \{960380\} %z | Incorrect configuration of diameterControlAgent                                         | Examine the DCA Mappings configuration and correct the mappings to AVP fields. A timestamp value is not correctly specified.                                                                       | DCA     |
| 960381 | WARNING  | %z \{960381\} %z | Incorrect configuration of diameterControlAgent                                         | Examine the DCA Mappings configuration and correct the outbound mappings to AVP fields. The configuration specifies the use of a timestamp value that is not convertible to the required AVP type. | DCA     |
| 960382 | WARNING  | %z \{960382\} %z | A Duplicate outbound mapping is configured                                              | Correct the DCA configuration for outbound mappings so that there is only one source of information in DCA for the outbound AVP.                                                                   | DCA     |
| 960383 | ERROR    | %z \{960383\} %z | Software or invalid message sequence from client.                                       | Contact support.                                                                                                                                                                                   | DCA     |
| 960384 | ERROR    | %z \{960384\} %z | Software or invalid message sequence from client.                                       | Contact support.                                                                                                                                                                                   | DCA     |
| 960385 | NOTICE   | %z \{960385\} %z | Notification of config item loaded.                                                     | Not a fault.                                                                                                                                                                                       | DCA     |
| 960386 | WARNING  | %z \{960386\} %z | Invalid message sequence from client or incorrect configuration of diameterControlAgent | Check the customDefaultUnits configuration setting and turn on if necessary. Otherwise, confirm correct message sequence with client.                                                              | DCA     |
| 960389 | NOTICE   | %z \{960389\} %z | Notification of system load.                                                            | Not a fault.                                                                                                                                                                                       | DCA     |

| Alarm  | Severity | Text             | Cause                                                                           | Resolution                                                                  | Service |
|--------|----------|------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------|
| 960390 | WARNING  | %z \{960390\} %z | Notification of number of INITIAL or EVENT requests dropped due to system load. | Check that network is distributing requests appropriately. Contact support. | DCA     |
| 960391 | NOTICE   | %z \{960391\} %z | Notification of system load.                                                    | Not a fault.                                                                | DCA     |
| 960392 | NOTICE   | %z \{960392\} %z | Notification of system load.                                                    | Not a fault.                                                                | DCA     |
| 960393 | NOTICE   | %z \{960393\} %z | Notification of config item loaded.                                             | Not a fault.                                                                | DCA     |
| 960394 | ERROR    | %z \{960394\} %z | No AVP codes available.                                                         | Check the config file. Contact support.                                     | DCA     |
| 960400 | NOTICE   | %z \{960400\} %z | Notification of config item loaded.                                             | Not a fault.                                                                | DCA     |
| 960401 | NOTICE   | %z \{960401\} %z | Notification of config item loaded.                                             | Not a fault.                                                                | DCA     |
| 960402 | NOTICE   | %z \{960402\} %z | Notification of config item loaded.                                             | Not a fault.                                                                | DCA     |
| 960403 | NOTICE   | %z \{960403\} %z | Notification of config item loaded.                                             | Not a fault.                                                                | DCA     |
| 960404 | NOTICE   | %z \{960404\} %z | Notification of config item loaded.                                             | Not a fault.                                                                | DCA     |
| 960405 | NOTICE   | %z \{960405\} %z | Notification of config item loaded.                                             | Not a fault.                                                                | DCA     |
| 960406 | NOTICE   | %z \{960406\} %z | Notification of config item loaded.                                             | Not a fault.                                                                | DCA     |
| 960407 | WARNING  | %z \{960407\} %z | Irrelevant values specified for a screening service.                            | Contact support.                                                            | DCA     |

| Alarm  | Severity | Text             | Cause                                                | Resolution                              | Service |
|--------|----------|------------------|------------------------------------------------------|-----------------------------------------|---------|
| 960408 | ERROR    | %z \{960408\} %z | Unexpected request received for a screening service. | Contact support.                        | DCA     |
| 960409 | WARNING  | %z \{960409\} %z | Error in configuration file.                         | Check the config file                   | DCA     |
| 960410 | NOTICE   | %z \{960410\} %z | Notification of config item loaded.                  | Not a fault.                            | DCA     |
| 960411 | ERROR    | %z \{960411\} %z | Missing child AVP.                                   | Check the config file. Contact support. | DCA     |
| 960412 | ERROR    | %z \{960412\} %z | Invalid mapping type.                                | Check the config file. Contact support. | DCA     |
| 960413 | ERROR    | %z \{960413\} %z | Exception thrown while polling for Diameter events.  | Contact support.                        | DCA     |
| 960414 | ERROR    | %z \{960414\} %z | Exception thrown while polling for Diameter events.  | Contact support.                        | DCA     |
| 960415 | ERROR    | %z \{960415\} %z | Invalid mapping type.                                | Check the config file. Contact support. | DCA     |
| 960416 | ERROR    | %z \{960416\} %z | Invalid mapping.                                     | Check the config file. Contact support. | DCA     |
| 960417 | ERROR    | %z \{960417\} %z | Invalid mapping.                                     | Check the config file. Contact support. | DCA     |
| 960418 | ERROR    | %z \{960418\} %z | Invalid INAP number.                                 | Contact support.                        | DCA     |
| 960419 | WARNING  | %z \{960419\} %z | Invalid throttling threshold.                        | Contact support.                        | DCA     |
| 960420 | WARNING  | %z \{960420\} %z | Invalid throttling interval.                         | Contact support.                        | DCA     |
| 960421 | NOTICE   | %z \{960421\} %z | Throttling disabled, invalid interval.               | Contact support.                        | DCA     |

| Alarm  | Severity | Text             | Cause                                       | Resolution       | Service |
|--------|----------|------------------|---------------------------------------------|------------------|---------|
| 960422 | ERROR    | %z \{960422\} %z | Failed to allocate memory.                  | Contact support. | DCA     |
| 960423 | WARNING  | %z \{960423\} %z | Invalid RAR configuration.                  | Contact support. | DCA     |
| 960424 | ERROR    | %z \{960424\} %z | Exception constructing RAR.                 | Contact support. | DCA     |
| 960425 | ERROR    | %z \{960425\} %z | RAR received for non-existing session.      | Contact support. | DCA     |
| 960426 | WARNING  | %z \{960426\} %z | Pre-existing RAR.                           | Contact support. | DCA     |
| 960427 | ERROR    | %z \{960427\} %z | Failed to create a ReauthTransaction.       | Contact support. | DCA     |
| 960428 | WARNING  | %z \{960428\} %z | Exception parsing incoming RAR.             | Contact support. | DCA     |
| 960429 | WARNING  | %z \{960429\} %z | Exception handling RAR.                     | Contact support. | DCA     |
| 960430 | WARNING  | %z \{960430\} %z | RAA event could not be sent on SLEE dialog. | Contact support. | DCA     |
| 960431 | WARNING  | %z \{960431\} %z | Error sending RAA event.                    | Contact support. | DCA     |
| 960432 | WARNING  | %z \{960432\} %z | Cannot send failed RAR response.            | Contact support. | DCA     |
| 960433 | WARNING  | %z \{960433\} %z | Failed to send RAA with error.              | Contact support. | DCA     |
| 960434 | NOTICE   | %z \{960434\} %z | Notification of config item loaded.         | Not a fault.     | DCA     |
| 960435 | NOTICE   | %z \{960435\} %z | Notification of config item default loaded  | Not a fault.     | DCA     |

| Alarm  | Severity | Text             | Cause                                                 | Resolution                               | Service |
|--------|----------|------------------|-------------------------------------------------------|------------------------------------------|---------|
| 960501 | WARNING  | %z \{960501\} %z | Terminated with INTERFACE_END.                        | Not a fault.                             | DCA     |
| 960502 | WARNING  | %z \{960502\} %z | Terminated with INTERFACE_KILL.                       | Not a fault.                             | DCA     |
| 960503 | NOTICE   | %z \{960503\} %z | Reread config management event.                       | Not a fault.                             | DCA     |
| 960504 | ERROR    | %z \{960504\} %z | accept() failed. duplicate fd: %d, removing existing. | Software fault. Examine log files.       | DCA     |
| 960505 | CRITICAL | %z \{960505\} %z | Failed to get management event type from SLEE.        | Check system load. Contact Support.      | DCA     |
| 960506 | NOTICE   | %z \{960506\} %z | Received unknown EventType from SLEE: <String>.       | Not a fault.                             | DCA     |
| 960507 | CRITICAL | %z \{960507\} %z | Failed to get SLEE API handle: <String>.              | Startup failure. Contact Support.        | DCA     |
| 960508 | CRITICAL | %z \{960508\} %z | Failed to initialise Xerces parser..                  | Startup failure. Contact Support.        | DCA     |
| 960509 | ERROR    | %z \{960509\} %z | sigaction() failed: <String>.                         | Software fault. Config reread abandoned. | DCA     |
| 960510 | CRITICAL | %z \{960510\} %z | Failed to read config: <String>.                      | Software fault. Config read failed.      | DCA     |
| 960511 | NOTICE   | %z \{960511\} %z | xmlSleeDcaIF is now running.                          | Not a fault.                             | DCA     |
| 960512 | ERROR    | %z \{960512\} %z | Failed to reread config: <String>.                    | Software fault. Config reread failed.    | DCA     |
| 960521 | WARNING  | %z \{960521\} %z | Outstanding request on fd: <Int>.                     | Not a fault.                             | DCA     |

| Alarm  | Severity | Text             | Cause                                                | Resolution                                              | Service |
|--------|----------|------------------|------------------------------------------------------|---------------------------------------------------------|---------|
| 960522 | NOTICE   | %z \{960522\} %z | Connection closed by foreign host (fd: <int>).       | Not a fault.                                            | DCA     |
| 960523 | WARNING  | %z \{960523\} %z | read() error (fd: <Int>) : <String>.                 | Network socket read failure.                            | DCA     |
| 960524 | WARNING  | %z \{960524\} %z | Received invalid HTTP request.                       | Not a fault.                                            | DCA     |
| 960525 | ERROR    | %z \{960525\} %z | XMLException: <String>.                              | XML parsing failed. Check incoming XML. Contact Support | DCA     |
| 960526 | ERROR    | %z \{960526\} %z | SAXParseException: <String>.                         | XML parsing failed. Check incoming XML. Contact Support | DCA     |
| 960527 | ERROR    | %z \{960527\} %z | UnknownException: <String>.                          | XML parsing failed. Check incoming XML. Contact Support | DCA     |
| 960528 | ERROR    | %z \{960528\} %z | 503 Service Unavailable: Unable to send RAR event.   | Check system load. Contact Support                      | DCA     |
| 960529 | ERROR    | %z \{960529\} %z | 503 Service Unavailable: Could not create RAR event. | Check system load. Contact Support                      | DCA     |
| 960531 | NOTICE   | %z \{960531\} %z | No existing entry found in cache for this interface. | Not a fault.                                            | DCA     |
| 960532 | WARNING  | %z \{960532\} %z | Unable to get SLEE handle for DCA interface.         | Check software config. Contact Support                  | DCA     |
| 960533 | ERROR    | %z \{960533\} %z | SLEE error: Could not sendEvent() to DCA.            | Check system load. Contact Support                      | DCA     |
| 960534 | ERROR    | %z \{960534\} %z | Unable to create a DiameterSleeEvent.                | Check system load. Contact Support                      | DCA     |

| Alarm  | Severity | Text             | Cause                                                  | Resolution                                | Service |
|--------|----------|------------------|--------------------------------------------------------|-------------------------------------------|---------|
| 960601 | ERROR    | %z \{960601\} %z | Failed to read plugin config: <String>.                | Software fault. Config read failed.       | DCA     |
| 960602 | NOTICE   | %z \{960602\} %z | Loaded plugin config.                                  | Not a fault.                              | DCA     |
| 960603 | ERROR    | %z \{960603\} %z | Cannot read Tariff Handler data.                       | Software fault. Invalid reservation.      | DCA     |
| 960604 | ERROR    | %z \{960604\} %z | Cannot read cascadeBalances in Tariff Handler data.    | Software fault. Incompatible reservation. | DCA     |
| 960605 | ERROR    | %z \{960605\} %z | Cannot read cascadeXBalances in Tariff Handler data.   | Software fault. Incompatible reservation. | DCA     |
| 960606 | NOTICE   | %z \{960606\} %z | Cannot read CDR tags in Tariff Handler data.           | Not a fault.                              | DCA     |
| 960607 | NOTICE   | %z \{960607\} %z | Notification of config item loaded.                    | Not a fault.                              | DCA     |
| 960608 | NOTICE   | %z \{960608\} %z | Notification of config item default loaded.            | Not a fault.                              | DCA     |
| 969012 | NOTICE   | \{969012\}       | An outgoing TCP or SCTP connection is being initiated. | Normal operation. No action required.     | DCA     |
| 969013 | NOTICE   | \{969013\}       | We are listening for incoming TCP or SCTP connections. | Normal operation. No action required.     | DCA     |

| Alarm  | Severity | Text       | Cause                                                                                                                                                                                                      | Resolution                                                                                                                                             | Service |
|--------|----------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 969021 | NOTICE   | \{969021\} | The TCP or SCTP connection is complete. The negotiated number of output and input streams is noted. Note that the remote end-point may reduce the number of streams to be less than the number configured. | Normal operation. No action required.                                                                                                                  | DCA     |
| 969022 | NOTICE   | \{969022\} | The SCTP layer has indicated a change in the state of a remote peer.                                                                                                                                       | Normal operation. No action required. However, if unreachable events are seen regularly, then this may be an indication of an unreliable network link. | DCA     |
| 969101 | ERROR    | \{969101\} | An internal error occurred on the socket level API or other system call.                                                                                                                                   | Please report to support.                                                                                                                              | DCA     |
| 969102 | ERROR    | \{969102\} | I/O error on socket.                                                                                                                                                                                       | This may occur as a transient issue. If persistent, then please refer to a network expert or support.                                                  | DCA     |
| 969103 | CRITICAL | \{969103\} | Internal consistency error.                                                                                                                                                                                | Please report to support.                                                                                                                              | DCA     |
| 969104 | WARNING  | \{969104\} | A network connection is congested. A packet has been dropped.                                                                                                                                              | Contact support. This alarm should not happen with the Diameter software.                                                                              | DCA     |

| Alarm  | Severity | Text       | Cause                                                      | Resolution                                                                                                          | Service |
|--------|----------|------------|------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------|
| 969105 | ERROR    | \{969105\} | A packet was truncated by the operating system SCTP stack. | Refer to support.                                                                                                   | DCA     |
| 969106 | ERROR    | \{969106\} | Failed to create TCP or SCTP socket.                       | Check that the operating system SCTP stack is enabled if SCTP is being used. Refer to networking expert or support. | DCA     |
| 969107 | ERROR    | \{969107\} | Failed to initiate TCP or SCTP socket connect.             | Refer to network expert or support. Check IP network addresses used in configuration.                               | DCA     |
| 969108 | ERROR    | \{969108\} | Failed to bind a TCP or SCTP socket to a local address.    | Refer to network expert or support. Check IP network addresses used in configuration.                               | DCA     |
| 969109 | ERROR    | \{969109\} | Could not resolve host name.                               | Check IP network addresses in configuration. Check that DNS is available. Refer to network expert.                  | DCA     |

| Alarm  | Severity | Text       | Cause                                                                                                                                                                                                                                                                                                                                                                     | Resolution                                                                                                                                                                                                                                                  | Service |
|--------|----------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 969110 | ERROR    | \{969110\} | Listening for new connections on a TCP or a SCTP socket failed. This may occur (a) if another process is using the same local network address, or (b) if the same local address is configured using multiple different names (e.g., both host name and IP address), or (c) if a connection is configured to both listen and connect with the same local address and port. | Refer to network expert or support. Check for other use of the same local network address and port. In configuration, consistently use the same name for the same local network address. Use different port numbers for different connections if necessary. | DCA     |
| 969111 | CRITICAL | \{969111\} | A listening socket has failed. We will no longer listen for incoming connections on this address.                                                                                                                                                                                                                                                                         | This may occur if networking configuration is changed underneath the Diameter application. Check for configuration problems and network instability. If recurrent, refer to support.                                                                        | DCA     |
| 969122 | CRITICAL | \{969122\} | Fatal internal error. The interface process will exit.                                                                                                                                                                                                                                                                                                                    | Refer to support. Restart interface process if possible.                                                                                                                                                                                                    | DCA     |

| Alarm  | Severity | Text       | Cause                                                                                                                                                                                                             | Resolution                                                                                                                                                                                                  | Service |
|--------|----------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 969128 | ERROR    | \{969128\} | Binding a TCP or SCTP socket to a local address failed due to the address already being in use. This may occur to attempting to simultaneously listen for incoming connections and connect to a remote end-point. | Refer to network expert or support. Check IP network addresses used in configuration.                                                                                                                       | DCA     |
| 969300 | WARNING  | \{969300\} | The Diameter capabilities exchange has failed for the given reason. We received a Capabilities-Exchange-Answer message from a peer, indicating an error.                                                          | This is likely to be due to network misconfiguration. Check and correct the local configuration, especially the IP Addresses and Origin-Hosts. Check and correct the configuration of the peer if required. | DCA     |
| 969301 | ERROR    | \{969301\} | An error has occurred on the socket level API, or another system call.                                                                                                                                            | This may occur occasionally due to network events (e.g., broken connections). If persistent, or if there are other adverse symptoms, then contact support.                                                  | DCA     |
| 969302 | CRITICAL | \{969302\} | Out of memory.                                                                                                                                                                                                    | This is most likely due to a software failure. Please report to support.                                                                                                                                    | DCA     |
| 969303 | NOTICE   | \{969303\} | A configuration reload has removed the configuration for an open Diameter connection. The connection will be closed.                                                                                              | Ensure that configuration changes were intended.                                                                                                                                                            | DCA     |

| Alarm  | Severity | Text       | Cause                                                                                                                                                                                                    | Resolution                                                                                                                                                                                                                                                | Service |
|--------|----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 969304 | WARNING  | \{969304\} | The program has detected a problem processing a Capabilities-Exchange-Request from a peer. The capabilities exchange has failed. A Capabilities-Exchange-Answer indicating the problem will be returned. | This is likely to be due to network misconfiguration. Check and correct the local configuration. Check and correct the configuration of the peer if required.                                                                                             | DCA     |
| 969305 | WARNING  | \{969305\} | The program has received a Capabilities-Exchange-Request from a peer that is not allowed by the configuration. A Capabilities-Exchange-Answer indicating the failure will be returned.                   | If connections are wanted from the peer, then this is likely to be due to network misconfiguration. Check and correct the local configuration, especially the IP Addresses and Origin-Hosts. Check and correct the configuration of the peer if required. | DCA     |
| 969306 | ERROR    | \{969306\} | The program has received an unexpected Capabilities-Exchange-Request from a peer.                                                                                                                        | The peer has violated the Diameter protocol specification. Diagnose and fix the faulty peer.                                                                                                                                                              | DCA     |

| Alarm  | Severity | Text       | Cause                                                                                                                                                             | Resolution                                                                                                                                                               | Service |
|--------|----------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 969307 | ERROR    | \{969307\} | An unintelligible message has been received over the network. If using TCP, then the connection will be dropped. If using SCTP, then the message will be ignored. | The peer has violated the Diameter protocol specification. Check that the peer is in fact sending Diameter messages.                                                     | DCA     |
| 969308 | ERROR    | \{969308\} | A Diameter message with a version number other than 1 has been received over the network. The message will be ignored.                                            | Check that the peer is utilising the Diameter protocol with version number 1, and that the peer is intended to connect to the Diameter software.                         | DCA     |
| 969309 | ERROR    | \{969309\} | A Diameter Capabilities-Exchange message was expected, but a different message was received.                                                                      | It is likely that the peer has violated the Diameter protocol specification. If recurrent, then contact support.                                                         | DCA     |
| 969310 | ERROR    | \{969310\} | An unsupported Diameter request code was received from a peer.                                                                                                    | A peer has sent the program a Diameter message that the program does not support. Check the configuration of the peer. Check that you are running the correct program.   | DCA     |
| 969311 | ERROR    | \{969311\} | A peer is no longer responding to requests from the server.                                                                                                       | This may happen occasionally due to network failures or other problems. If recurrent, diagnose and fix any network problems. Check that the peer is operating correctly. | DCA     |

| Alarm  | Severity | Text       | Cause                                                                       | Resolution                                                                                                                                                                                        | Service |
|--------|----------|------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 969312 | ERROR    | \{969312\} | An invalid answer has been received to an outstanding request.              | The peer has violated the Diameter protocol specification.                                                                                                                                        | DCA     |
| 969313 | ERROR    | \{969313\} | An unexpected message has been received while shutting down a connection.   | The peer has violated the Diameter protocol specification. In reality, this may happen occasionally at shutdown, and is most likely harmless.                                                     | DCA     |
| 969314 | CRITICAL | \{969314\} | The software has detected an internal error.                                | Please contact support. Check for other symptoms that may indicate failure to provide normal service.                                                                                             | DCA     |
| 969315 | CRITICAL | \{969315\} | An outgoing Diameter packet was larger than the hard limit of the software. | This will not happen in normal operation, as the hard limit (8191 bytes) is ample for all normal usage. It is almost certainly a symptom of an underlying software fault. Please contact support. | DCA     |
| 969316 | WARNING  | \{969316\} | Outgoing packet buffers are almost full.                                    | A large amount of output data is queued, and the software is in danger of having to abort connections. Consider increasing outbound network buffer sizes. If in doubt, contact support.           | DCA     |

| Alarm  | Severity | Text       | Cause                                                                                                                                                   | Resolution                                                                                                                                                                                                                                                                                                                 | Service |
|--------|----------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 969317 | ERROR    | \{969317\} | An outgoing Diameter packet could not be sent due to network congestion.                                                                                | On the server side, this is a fatal error, as the protocol does not allow us to discard answer packets that cannot be sent. The connection will be closed, indicating to clients (or proxies) that an alternative server should be tried. Consider increasing outbound network buffer sizes. If in doubt, contact support. | DCA     |
| 969318 | NOTICE   | \{969318\} | The Origin-Host of the connected-to peer has been established. From now on, the Origin-Host will be used in log messages pertaining to this connection. | Normal operation. No action required.                                                                                                                                                                                                                                                                                      | DCA     |
| 969319 | WARNING  | \{969319\} | The Origin-Host received from the peer during capabilities exchange was not what was expected from the configuration.                                   | Check configuration, ensuring that the Origin-Hosts and IP Addresses are paired correctly.                                                                                                                                                                                                                                 | DCA     |
| 969320 | NOTICE   | \{969320\} | A connection to a peer has reached the Open state and is now available for application usage.                                                           | Normal operation. No action required.                                                                                                                                                                                                                                                                                      | DCA     |

| Alarm  | Severity | Text       | Cause                                                                                                                                                                                  | Resolution                                                                                                                                                                                         | Service |
|--------|----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 969321 | NOTICE   | \{969321\} | A connection to a peer has left the Open state and is no longer available for application usage.                                                                                       | Normal operation. No action required. If this occurs unexpectedly, then there may be an underlying problem with network connectivity or operation.                                                 | DCA     |
| 969322 | WARNING  | \{969322\} | An unexpected answer message has been received from a peer. This may be either because we sent a request but gave up waiting for an answer, or because a peer sent us a bogus message. | This may occur either as a symptom of underlying network issues (such as intermittent connectivity loss), or else due to defects in peer software. Attempt to diagnose and correct those problems. | DCA     |
| 969323 | ERROR    | \{969323\} | A connection to a peer timed out while waiting for the connect Ack message to arrive.                                                                                                  | The remote peer is not opening connections correctly. There may be an underlying problem with network connectivity or operation.                                                                   | DCA     |
| 969324 | ERROR    | \{969324\} | A connection to a peer timed out while waiting for the CER message to arrive.                                                                                                          | The remote peer is not sending CER messages at connection establishment. There may be an underlying problem with network connectivity or operation.                                                | DCA     |
| 969325 | ERROR    | \{969325\} | A connection to a peer timed out while waiting for the CEA message to arrive.                                                                                                          | The remote peer is not responding to CER messages. There may be an underlying problem with network connectivity or operation.                                                                      | DCA     |
| 969326 | WARNING  | \{969326\} | Configured validity time exceeds actual timeout value.                                                                                                                                 | Set validity time value in eserv.config less than the timeout value.                                                                                                                               | DCA     |

