

Oracle® Communications
Network Charging and Control

Diameter Control Agent Alarms Guide

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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. Note: 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/SLEE.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

Alarm	Severity	Text	Cause	Resolution	Service
960007	NOTICE	%z \{960007\} %z	Diameter control agent exiting normally from quiescing state.	Not a fault.	DCA
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
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. Element with AVP Code Ignored	Check the config file.	DCA
960233	ERROR	%z \{960233\} %z	Error in configuration file. AvpMapping Ignored	Check the config file.	DCA
960234	ERROR	%z \{960234\} %z	Error in configuration file. AvpMapping Ignored	Check the config file.	DCA
960235	ERROR	%z \{960235\} %z	Error in configuration file. AvpMapping Ignored	Check the config file.	DCA
960236	ERROR	%z \{960236\} %z	Error in configuration file. 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
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

Alarm	Severity	Text	Cause	Resolution	Service
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
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

Alarm	Severity	Text	Cause	Resolution	Service
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
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

Alarm	Severity	Text	Cause	Resolution	Service
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	WARNING	%z \{960607\} %z	Incomplete RAR tags in Tariff Handler CDR data.	Check SLC service config.	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
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

Alarm	Severity	Text	Cause	Resolution	Service
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
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

Alarm	Severity	Text	Cause	Resolution	Service
969109	ERROR	\{969109\}	Could not resolve host name.	Check IP network addresses in configuration. Check that DNS is available. Refer to network expert.	DCA
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