APPENDIX **B**

Config_Table Parameters

The Ctm_Config_Table stores Prime Optical configuration information. The following table defines the parameters in the Ctm_Config_Table and is arranged by section name value (as listed in the Ctm_Config_Table.sql file).

Table B-1   *Ctm_Config_Table Parameters*

Parameter Name	Definition
transportManager	
jmoco-port	Port where JMOCO events are sent.
main-error-level	Error levels supported in Prime Optical. Values are trace, debug, minor, major, critical.
min-alarm-update-interval	Minimum time, in seconds, when an active_alarm_update event is sent.
ems-sys-id	System ID that indicates who sent the event (for example, if the event is generated by the EMS, the system ID is *PrimeOptical*).
preferred-jar-path	Path to obtain Cisco Transport Controller (CTC) jar files.
preferred-jar-version	Version of the CTC jar that needs to be picked.
tl1-connection-timeout	Timeout period if a TL1 connection has not been used.
jmoco-trace-frequency	(*Not used*)
jmoco-max-user-sessions	Maximum number of sessions a jmoco engine can support.
oss-thread-count	Maximum number of threads that can be spawned in Prime Optical.
oss-work-queue-threshold	Maximum number of work objects that can be added into the work queue.
oss-max-threads	Maximum number of threads that can be read from the work queue.
oss-jmoco-threads	Number of threads used to read events from the work queue.
oss-jmoco-event-threads	Number of threads used to distribute events from the work queue to registered users.
oss-socket-send-size	Maximum size of the buffer that the socket can support to send.
oss-socket-recv-size	Maximum size of the buffer that the socket can support to receive.
refresh-data-timeout	Specifies the Refresh Data Timer interval, in milliseconds. When a discovery change event is received, the Refresh Data Timer is started. The timer records the number of NEs in synch status. When the timer expires, it retrieves the number of NEs in synch and compares this value to the recorded one. If the values are equal, it forces a Refresh Data action.
gatewayTL1	

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
gwTL1ForwardingAgent	Whether Prime Optical GateWay/TL1 is installed, stopped, or started.
response-parameters	(*Not used*)
ne-name	
alarm-logic	
in-progress-frequency	
oss-mux	
oss-pt	
load-db-nes	
deny-act-user	
oss-port	Prime Optical GateWay/TL1 port.
15454-vasco-tl1-port	Vasco TL1 port for the ONS 15454.
15454-tl1-port	TL1 port.
15327-tl1-port	
15216-oadm2-tl1-port	
15216-edfa-tl1-port	
15310-tl1-port	
15454SDH-tl1-port	
15216-edfa3-tl1-port	
15600-tl1-port	
15600-tl1-telnet-port	(*Not used*)
15530-tl1-port	TL1 port.
15540-esp-tl1-port	
15540-espx-tl1-port	
poll-frequency	Time, in seconds, that Prime Optical GateWay/TL1 checks the status of the NE.
error-level	Debug level for the Prime Optical GateWay/TL1 service module.
gwTL1Timeout	Time, in seconds, before Prime Optical GateWay/TL1 times out.
gwTL1LoginTimeout	Enables or disables the Prime Optical GateWay/TL1 timeout period if the **ACT-USER** command is not performed before the timeout period.
gwTL1CmdTimeout	Enables or disables the Prime Optical GateWay/TL1 timeout period if a valid TL1 command is not performed before the timeout period.
gwTL1Connections	Number of TL1 connections to Prime Optical GateWay/TL1.
enable-gwtl1-advisory	Enables or disables display of advisory messages.
gwtl1-advisory-message	Prime Optical GateWay/TL1 advisory message. The default message reads "NOTICE: This is a private computer system. Unauthorized access or use may lead to prosecution."

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
command-echo	Allows you to view the command line when you enter commands during a GateWay/TL1 session. This also allows you to log all messages received during a GateWay/TL1 session. The default is false, meaning that GateWay/TL1 session echoing is disabled.
gatewaySNMP	
gatewaySNMP	Whether Prime Optical GateWay/SNMP is installed, stopped, or started.
snmp-hosts	SNMP trap destination hosts.
gatewayCORBA	
gatewayCORBA	Whether Prime Optical GateWay/CORBA is installed, stopped, or started.
corba-request-timeout	CORBA timeout value.
thread-pool-size	Thread pool size used in the CORBA gateway.
iiop-listen-port	CORBA gateway listening port.
error-level	Debug level for Prime Optical GateWay/CORBA.
heartbeat-interval	Interval, in minutes, for the heartbeat event.
enable-gwcorba-encryption	Whether the CORBA gateway encryption feature is enabled or disabled.
max-number-active-sessions	Specifies the number of Prime Optical GateWay/CORBA sessions that can be active at the same time. The range is from 4 to 25; the default is 4.
max-events_per_consumers	Sets the MaxEventsPerConsumer administrative quality of service (QoS) parameter on the notification channel. The notification server uses this property to limit the maximum number of events in a given channel allowed to queue at any one time. The default value is 0, meaning that the notification server does not limit the maximum number of events that can be queued. If no limits are imposed on the queue, the notification server might run out of memory, because the server must keep all events in memory until they are consumed by all registered consumers. ⚠ **Caution** Any change to this value should be done with extreme caution. If you set the value too low, the NMS cannot receive all notifications. If you set the value too high, the Prime Optical notification server runs out of memory. The current value can handle alarm bursts of 10,000 events per minute.
notification_service_name	Defines the service name used by the resolve_initial_reference function to get a reference to the notification service. The Prime Optical GateWay/CORBA installation installs the notification service. However, if you want to use your own notification service, you can modify this parameter.
notification_service_naming_context	Defines the naming context of the notification service. This property is used when the resolve_initial_reference function fails to resolve the notification service. Prime Optical GateWay/CORBA contacts the naming service to resolve the name context defined in this property. The value of this property must match the value published by your notification server.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
notification_service_factory_ior_name	Sets the notification service factory Information Object Repository (IOR) filename located in the /opt/CiscoTransportManagerServer/openfusion/domains/OpenFusion/localhost/NotificationService/NotificationSingleton/NotificationService.ior directory.
	The FactoryIORFile property defines the path to a text file that contains the IOR of the notification service. This property is used only after the resolve_initial_reference function and the naming service both fail. Prime Optical GateWay/CORBA opens the file as defined by the URL format in this property and retrieves the IOR. This parameter allows you to run your notification service on a different host to improve performance.
notification_service_port_number	Sets the port number that the notification service uses to listen for incoming requests. The port number is set in the IOR for the notification service. The use IOR and use IOR endpoint properties are set properly. If set to 0 (the default), the port number is allocated by the operating system.
session_port_number	Configures the IIOP listening port. The Prime Optical GateWay/CORBA service listens to CORBA requests on this port. If set to 0 (the default), the session port number is allocated by the operating system.
name_service_server_list	Defines where the name servers are running. Accepts a comma-separated list of hostnames.
name_service_root_ior	Defines the path to find the naming service's IOR on each host defined on the server list. The complete path is constructed as <http://<item>_of_ServerList><RootIORLoc>.
ne	
poll-frequency	Wait duration for the next health poll to start.
corba-request-timeout	CORBA timeout value.
ne-jvm-heap-init	Initial heap size for the NE service process.
ne-jvm-heap-max	Maximum heap size for the NE service process.
ne-thread-pool-size	Number of threads that are available for NE discovery.
ne-discov-thread-pool-size	Number of threads that are available for initial poll, alarm resync, and config resync.
snmp-trap-thread-pool-size	Number of threads that are available for the SNMP trap event converter.
alarm-thread-pool-size	Number of threads that are available for the alarm dispatcher.
ne-circuit-discovery-thread-pool-size	Number of threads that are available for circuit discovery.
pm	
number-of-collectors	Number of threads that are available for the collector thread pool. This thread pool is used to poll the NEs and obtain performance statistics.
number-of-writers	Number of threads that are available for the database writer thread pool. This thread pool is used to write performance statistics in the database.
number-of-nes	(*Not used*)
store-non-zeros-only	Runs PM data collection in optimized mode. If the performance counts are zero, this parameter controls whether or not it should be written to the database.
pm-disk-limit	(*Not used*)

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
pm-jvm-heap-init	Initial heap size for the PM service process.
pm-jvm-heap-max	Maximum heap size for the PM service process.
pm-15-min-retrieval-enabled	Controls PM alarm generation. When enabled and PM collection fails for a 15-minute interval, a PM alarm is emitted.
pm-15-min-retrieval-secs-between-retries	Number of seconds to wait before Prime Optical retries and polls the NE. Used when PM collection fails in normal mode for a 15-minute interval.
pm-15-min-retrieval-number-of-retries	Number of times Prime Optical should retry and poll the NEs. Used when PM collection fails in normal mode for a 15-minute interval.
pm-1-day-retrieval-enabled	Controls PM alarm generation. When enabled and PM collection fails for a one-day interval, a PM alarm is emitted.
pm-1-day-retrieval-secs-between-retries	Number of times Prime Optical should retry and poll the NEs. Used when PM collection fails in normal mode for a one-day interval.
pm-1-day-retrieval-number-of-retries	Number of times Prime Optical should retry and poll the NEs. Used when PM collection fails in normal mode for a one-day interval.
max-realtime-sessions	Maximum number of concurrent real-time PM sessions allowed per client.
max-realtime-objects	Maximum number of objects that can be polled in a single real-time PM session.
max-realtime-rows	Maximum number of rows that are held in the real-time in-memory transient buffer on a per-session basis. Once this limit is reached, the buffer rolls over, meaning that the chronologically oldest rows are removed from the buffer, making room for the new rows.
cm	
config-vlan-thread-count	Number of threads that are available for VLAN discovery.
config-vlan-autosync-delay	Delay after which time the topologies and VLANs are synchronized with the NE.
bandwidth-util-dsp	In the Control Panel window > SONET/SDH NE Service pane, check the Enable Bandwidth DSP check box to enable the check for available bandwidth during VLAN creation. If you create a VLAN that could cause oversubscription of the available bandwidth for the L2 topology, and if the Enable Bandwidth DSP check box is checked, you receive an error message that oversubscription might occur. The check box is disabled by default.
bandwidth-util-dsp-sdh	In the Control Panel window > SONET/SDH NE Service pane, check the Enable Bandwidth DSP check box to enable the check for available bandwidth during VLAN creation. If you create a VLAN that could cause oversubscription of the available bandwidth for the L2 topology, and if the Enable Bandwidth DSP check box is checked, you receive an error message that oversubscription might occur. The check box is disabled by default.
config-dsp-max-idle-time	Set to check if sufficient time has passed from the last event received and all topology audits have been completed.
config-dsp-msync-wait-time	Time to wait until the set time for Node Manager Sync to be completed.
config-max-partial-topo-time	Time to schedule a task to scan and mark all partial topologies as incomplete.
config-sync-thread-run-delay	Frequency of tasks that check if the data service module is ready for provisioning (data provisioning ready state).

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
config-topo-incomplete-thread-run-delay	Time to schedule a task to declare the incomplete topologies.
dsp-debug-telnet-port	Telnet port to turn on the DataService.log for debugging topology discovery-related information.
config-resync-thread-pool-size	(*Not used*)
config-poll-frequency	Polling period to check if the config resync time has been reached.
config-resync-frequency	Periodic frequency at which the config resync is performed.
config-request-queue-size	(*Not used*)
iiop-listen-port	(*Not used*)
backup-frequency	Frequency at which the backup should be performed (for example, daily, weekly, or just once).
backup-copies-ons15454	Number of copies of backed-up configuration and provisioning information residing in the flash memory of the NEs.
backup-copies-ons15327	
backup-copies-ons15540	
backup-copies-ons15454sdh	
backup-copies-ons15600	
backup-copies-ons15600sdh	
backup-copies-ons15530	
backup-copies-ons15540xps	
backup-copies-ons15216edfa	
backup-copies-ons15310cl	
backup-copies-ons15216edfa3	
backup-copies-ons15305ctc	(*Not used*)
backup-status-ons15454	Current status of the task: Queued, Running, Canceled, Failed, Succeeded, or Waiting.
backup-status-ons15327	
backup-status-ons15540	
backup-status-ons15540xps	
backup-status-ons15530	
backup-status-ons15454sdh	
backup-status-ons15600	
backup-status-ons15600sdh	
backup-status-ons15216edfa	
backup-status-ons15310cl	
backup-status-ons15216edfa3	
backup-status-ons15305ctc	(*Not used*)

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
backup-time-ons15454	Time for the NE configuration backup.
backup-time-ons15327	
backup-time-ons15540	
backup-time-ons15454sdh	
backup-time-ons15600	
backup-time-ons15600sdh	
backup-time-ons15530	
backup-time-ons15540xps	
backup-time-ons15216edfa	
backup-time-ons15310cl	
backup-time-ons15216edfa3	
backup-time-ons15305ctc	(*Not used*)
manual_backup-copies-ons15454	Number of copies that can be backed up manually. Each NE backup is performed by selecting the Configuration > Memory Backup > User Specified radio button.
manual_backup-copies-ons15327	
manual_backup-copies-ons15540	
manual_backup-copies-ons15454sdh	
manual_backup-copies-ons15600	
manual_backup-copies-ons15600sdh	
manual_backup-copies-ons15530	
manual_backup-copies-ons15540xps	
manual_backup-copies-ons15216edfa	
manual_backup-copies-ons15216edfa3	
manual_backup-copies	
manual_backup-copies-ons15310cl	
manual_backup-copies-ons15305ctc	(*Not used*)
backup-directory	Name of the link to the source directory on the server for backup file upload operations. This name appears in the /opt/CiscoTransportManagerServer/webServer/htdocs folder. For example, if the /htdocs folder contains the link "admin -> /opt/CiscoTransportManagerServer/admin," *admin* is the value of the backup-directory property.
archive-dest-dir	Destination directory on the client for archiving upload operations. The client installation path is the default path. For example, if the complete path for the archiving directory is C:/TransportManagerClient/archive, the value of the archive-dest-dir property is *archive*. The default value for this property is *log*.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
archive-source-link-name	Name of the link to the source directory on the server for archiving upload operations. This name appears in the /opt/CiscoTransportManagerServer/webServer/htdocs folder. For example, if the /htdocs folder contains the link "archive -> /opt/CiscoTransportManagerServer/log," *archive* is the value of the archive-source-link-name property. When you change the server source directory, the name of the link does not change.
log-source-link-name	Name of the link to the source directory on the server for log file upload operations. This name appears in the /opt/CiscoTransportManagerServer/webServer/htdocs folder. For example, if the /htdocs folder contains the link "log -> /opt/CiscoTransportManagerServer/log," *log* is the value of the log-source-link-name property. When you change the server source directory, the name of the link does not change.
alarm-data	Parameters used for CTC-based automatic backup.
pm-data	
auditlog-data	
manual-alarm-data	(*Not used*)
manual-pm-data	(*Not used*)
manual-auditlog-data	(*Not used*)
auto-job-thread-pool-size	Number of threads used to read the automatic jobs from the work queue. The default is 10.
manual-job-thread-pool-size	Number of threads used to read the manual jobs from the work queue. The default is 10.
snmp	
snmpTrapService	Enables or disables the SNMP trap service upon Prime Optical server startup. The default is enabled.
snmp-trap-queue-size	Maximum number of traps that can be queued in the SNMP trap service before being distributed to NE services. When the queue reaches its maximum, incoming traps are dropped. The default is 10000.
snmp-trap-drop-size	Threshold to drop incoming traps. The default is 100.
snmp-trap-forwarding-port	SNMP gateway trap port. The default is 8765.
snmp-trap-port	Incoming trap port. The default is 162.
snmp-mibs-dir	MIB file directory. The default is /mibs.
st-error-level	Debug log level. The default is minor.
serviceManager	
sm-jvm-heap-init	Initial heap size allocated to the SM service.
sm-jvm-heap-max	Maximum heap size allocated to the SM service.
sm-error-level	Error level for the process. Values are debug, trace, minor, major, or critical.
service-stop-timer	Time interval for which the SM service waits for the service to stop.
diskspace-poll-period	(*Not used*)
hello-poll-interval	Poll interval at which the hello operation is performed on an NE.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
hello-stop-timer	Time interval for which the SM service waits for the service to shut down gracefully.
hello-kill-timer	Time interval after which the SM service forcibly kills the service when it does not respond.
ons15200-ne	
ne-service	(*Not used*)
ne-threshold	(*Not used*)
ne-error-level	(*Not used*)
ne-resync-frequency	(*Not used*)
ne-thread-pool-size	(*Not used*)
ne-jvm-heap-init	(*Not used*)
ne-jvm-heap-max	(*Not used*)
ons15216-ne	
ne-service	The NE service process starts automatically whenever at least one NE is added to the Prime Optical domain. If no NEs are present, this service does not run. If it ran previously, this service terminates as soon as no NEs are in the domain.
ne-threshold	Maximum number of NEs that can be handled. The default is 1000.
ne-error-level	NE service error log level. By default, minor severity log messages are entered in the NE service logs. This value can be modified from the Prime Optical client through Administration > Control Panel > Logging Properties.
ne-resync-frequency	Periodic frequency at which configuration resynchronization is performed. This value can be modified from the Prime Optical client through Administration > Control Panel > NE Service > *NE_service_name* > Resync Interval.
ne-thread-pool-size	Number of threads that are available for NE discovery.
ne-jvm-heap-init	Initial heap size for the NE service process.
ne-jvm-heap-max	Maximum heap size for the NE service process.
ons15327-ne	
fault-sync	Enables or disables historical alarm collection.
ons15600-ne	
fault-sync	Enables or disables historical alarm collection.
ons15600sdh-ne	
fault-sync	Enables or disables historical alarm collection.
ons15454-ne	
ne-service	The NE service process starts automatically whenever at least one NE is added to the Prime Optical domain. If no NEs are present, this service does not run. If it ran previously, this service terminates as soon as no NEs are in the domain.
ne-low-threshold	Threshold value for the maximum number of NEs that can be discovered.
ne-threshold	Maximum number of NEs that can be handled. The default is 500.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
ne-error-level	NE service error log level. By default, minor severity log messages are entered in the NE service logs. This value can be modified from the Prime Optical client through Administration > Control Panel > Logging Properties.
ne-resync-frequency	Periodic frequency at which configuration resynchronization is performed. This value can be modified from the Prime Optical client through Administration > Control Panel > NE Service > *NE_service_name* > Resync Interval.
ne-thread-pool-size	Number of threads that are available for NE discovery.
ne-ios-cr-thread-pool-size	Number of threads in a pool where each thread is used to process Cisco IOS configuration resync updates. The default is 10.
ne-ios-updates-cr-frequency	Number of seconds when Cisco IOS configuration resync updates are processed. The default is 60.
audit-trail-collection-interval	Wait duration for the next audit trail collection to start.
audit-trail-thread-count	Number of threads that can be used to collect the audit trail.
fault-sync	Enables or disables historical alarm collection.
ne-jvm-heap-init	Initial heap size for the NE service process.
ne-jvm-heap-max	Maximum heap size for the NE service process.
blsr-interval	Difference in interval between east and west port job execution.
client-list-thread-pool-size	Number of threads in a pool where each thread is used to poll the ENE client list from the gateway NE (that is, the GNE with proxy turned on). The default is 20.
ctm-event-disp-thread-count	Number of threads that are available for dispatching events.
ctm-invupd-thread-count	Number of threads that are available to handle inventory updates.
client-list-poll-frequency	Interval at which the list of ENEs for all the GNEs in the domain is collected. The Proxy_Server_Table is modified with the changes and the GNE, ENE, and LNE changes are reflected in the Domain Explorer.
ons15454sdh-ne	
ne-service	The NE service process starts automatically whenever at least one NE is added to the Prime Optical domain. If no NEs are present, this service does not run. If it ran previously, this service terminates as soon as no NEs are in the domain.
ne-low-threshold	Threshold value for the maximum number of NEs that can be discovered.
ne-threshold	Maximum number of NEs that can be handled. The default is 600.
ne-resync-frequency	Periodic frequency at which configuration resynchronization is performed. This value can be modified from the Prime Optical client through Administration > Control Panel > NE Service > *NE_service_name* > Resync Interval.
ne-error-level	NE service error log level. By default, minor severity log messages are entered in the NE service logs. This value can be modified from the Prime Optical client through Administration > Control Panel > Logging Properties.
ne-thread-pool-size	Number of threads that are available for NE discovery.
ne-ios-cr-thread-pool-size	Number of threads in a pool where each thread used to process Cisco IOS configuration resync updates. The default is 10.
ne-ios-updates-cr-frequency	Number of seconds when Cisco IOS config resync updates are processed. The default is 60.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
audit-trail-collection-interval	Wait duration for the next audit trail collection to start.
audit-trail-thread-count	Number of threads that can be used to collect the audit trail.
fault-sync	Enables or disables historical alarm collection.
ne-jvm-heap-init	Initial heap size for the NE service process.
ne-jvm-heap-max	Maximum heap size for the NE service process.
mspring-interval	Difference in interval between east and west port job execution.
client-list-poll-frequency	Interval at which the list of ENEs for all the GNEs in the domain is collected. The Proxy_Server_Table is modified with the changes and the GNE, ENE, and LNE changes are reflected in the Domain Explorer.
ons155xx-ne	
ne-service	The NE service process starts automatically whenever at least one NE is added to the Prime Optical domain. If no NEs are present, this service does not run. If it ran previously, this service terminates as soon as no NEs are in the domain.
ne-threshold	Maximum number of NEs that can be handled. The default is 1000.
ne-error-level	NE service error log level. By default, minor severity log messages are entered in the NE service logs. This value can be modified from the Prime Optical client through Administration > Control Panel > Logging Properties.
ne-resync-frequency	Periodic frequency at which the configuration resynchronization is performed. This value can be modified from the Prime Optical client through Administration > Control Panel > NE Service > *NE_service_name* > Resync Interval.
discovery-threads-pool-size	Number of discovery threads that are available for discovering ONS 155xx NEs.
discovery-threads-p1	Number of threads used by the ONS 155xx NE service for 155xx device discovery, including inventory and alarms.
discovery-threads-p2	Number of threads used by the ONS 155xx NE service for topology and circuit discovery.
discovery-wait-on-ne-create	Wait time, in seconds, after an ONS 155xx NE has been added to the network.
discovery-enable-cdp	Enables or disables discovery of configured CDP neighbors.
discovery-auto-neighbor	Enables or disables discovery of configured non-CDP neighbors.
discovery-auto-delete-stale-links	Enables or disables automatic deletion of stale links from the database.
tftp-timeout	Timeout period for any TFTP operations to and from the ONS 155xx and the server.
backup-config-before-restore	Enables or disables backup of the NE configuration before restoring the new configuration.
snmp-pdu-maxvars	Size of the SNMP PDU varbinds used while creating a connection with the NE.
EntityAlarmsToIgnore	Indicates whether there are any ONS 155xx entity alarms to be ignored.
ne-thread-pool-size	Number of threads that are available for NE discovery.
discovery-fast-mode	Enables or disables discovery of ONS 155xx NEs in fast mode.
ne-jvm-heap-init	Initial heap size for the NE service process.
ne-jvm-heap-max	Maximum heap size for the NE service process.
ons15305-ne	

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
ne-service	The NE service process starts automatically whenever at least one NE is added to the Prime Optical domain. If no NEs are present, this service does not run. If it ran previously, this service terminates as soon as no NEs are in the domain.
ne-threshold	Maximum number of NEs that can be handled. The default is 1000.
ne-error-level	NE service error log level. By default, minor severity log messages are entered in the NE service logs. This value can be modified from the Prime Optical client through Administration > Control Panel > Logging Properties.
ne-resync-frequency	Periodic frequency at which the configuration resynchronization is performed. This value can be modified from the Prime Optical client through Administration > Control Panel > NE Service > *NE_service_name* > Resync Interval.
ne-thread-pool-size	Number of threads that are available for NE discovery.
ne-jvm-heap-init	Initial heap size for the NE service process.
ne-jvm-heap-max	Maximum heap size for the NE service process.
ne-sntp-default-sync-time	Value used for the resync time. The default is 30.
ons15310-ne	
fault-sync	Enables or disables historical alarm collection.
unmanaged-ne	
ne-service	The NE service process starts automatically whenever at least one NE is added to the Prime Optical domain. If no NEs are present, this service does not run. If it ran previously, this service terminates as soon as no NEs are in the domain.
ne-error-level	NE service error log level. By default, minor severity log messages are entered in the NE service logs. This value can be modified from the Prime Optical client through Administration > Control Panel > Logging Properties.
ne-threshold	Maximum number of NEs that can be handled. The default is 500.
ne-jvm-heap-init	Initial heap size for the NE service process.
ne-jvm-heap-max	Maximum heap size for the NE service process.
ons15454-pm	
pm-service	Possible values are active or not-active. The default value is not-active. If the value of the property is active, the corresponding PM service will be started when PM data collection is enabled on the NE(s). The value of this property should be set to active to collect PM data on NEs. This value can be modified from the Prime Optical client through Administration > Control Panel > PM Service > *NE_type*.
pm-threshold	Maximum number of NEs managed by the PM service process. The default is 700.
pm-error-level	PM service error log level.
pm-http-retries	(*Not used*)
pm-wait-period	

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
pm-interface-ds1	Enables or disables performance statistics collection.
pm-interface-ds3	
pm-interface-sonet	
pm-interface-sts	
pm-interface-vt	
pm-interface-enet	Enables or disables Ethernet performance statistics collection.
pm-interface-physical	Enables or disables the physical performance statistics collection for optical cards.
pm-interface-dwdm	Enables or disables OTN section, line, and path performance statistics collection for DWDM cards.
pm-interface-E1	Enables or disables performance statistics collection for E1 cards.
pm-snmp	Enables or disables SNMP performance monitoring for cards on the ONS 15454 SONET.
pm-jvm-heap-init	Initial heap size for the PM service process.
pm-jvm-heap-max	Maximum heap size for the PM service process.
ons15454sdh-pm	
pm-service	Possible values are active or not-active. The default value is not-active. If the value of the property is active, the corresponding PM service will be started when PM data collection is enabled on the NE(s). The value of this property should be set to active to collect PM data on NEs. This value can be modified from the Prime Optical client through Administration > Control Panel > PM Service > *NE_type*.
pm-threshold	Maximum number of NEs managed by the PM service process. The default is 1000.
pm-error-level	PM service error log level.
pm-http-retries	(*Not used*)
pm-wait-period	
pm-interface-E1	Enables or disables performance statistics collection.
pm-interface-E3	
pm-interface-E4	
pm-interface-ds1	
pm-interface-ds3I	
pm-interface-sdh	
pm-interface-HO	
pm-interface-LO	
pm-interface-enet	Enables or disables Ethernet performance statistics collection.
pm-interface-physical	Enables or disables physical performance statistics collection for optical cards.
pm-interface-dwdm-sdh	Enables or disables OTN section, line, and path performance statistics collection for DWDM cards.
pm-snmp	Enables or disables SNMP performance monitoring for cards on the ONS 15454 SDH.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
pm-jvm-heap-init	Initial heap size for the PM service process.
pm-jvm-heap-max	Maximum heap size for the PM service process.
ons15600-pm	
pm-service	Possible values are active or not-active. The default value is not-active. If the value of the property is active, the corresponding PM service will be started when PM data collection is enabled on the NE(s). The value of this property should be set to active to collect PM data on NEs. This value can be modified from the Prime Optical client through Administration > Control Panel > PM Service > *NE_type*.
pm-threshold	Maximum number of NEs managed by the PM service process. The default is 1000.
pm-error-level	PM service error log level.
pm-http-retries	(*Not used*)
pm-wait-period	(*Not used*)
pm-interface-sonet	Enables or disables SONET section and line performance statistics collection.
pm-interface-sts	Enables or disables SONET STS path performance statistics collection.
pm-interface-enet	Enables or disables Ethernet performance statistics collection.
pm-jvm-heap-init	Initial heap size for the PM service process.
pm-jvm-heap-max	Maximum heap size for the PM service process.
ons15600sdh-pm	
pm-service	Possible values are active or not-active. The default value is not-active. If the value of the property is active, the corresponding PM service will be started when PM data collection is enabled on the NE(s). The value of this property should be set to active to collect PM data on NEs. This value can be modified from the Prime Optical client through Administration > Control Panel > PM Service > *NE_type*.
pm-threshold	Maximum number of NEs managed by the PM service process. The default is 1000.
pm-error-level	PM service error log level.
pm-http-retries	(*Not used*)
pm-wait-period	(*Not used*)
pm-interface-sdh	Enables or disables SDH performance statistics collection.
pm-interface-HO	Enables or disables higher-order (HO) path performance statistics collection.
pm-jvm-heap-init	Initial heap size for the PM service process.
pm-jvm-heap-max	Maximum heap size for the PM service process.
ons155xx-pm	
pm-service	Possible values are active or not-active. The default value is not-active. If the value of the property is active, the corresponding PM service will be started when PM data collection is enabled on the NE(s). The value of this property should be set to active to collect PM data on NEs. This value can be modified from the Prime Optical client through Administration > Control Panel > PM Service > *NE_type*.
pm-threshold	Maximum number of NEs managed by the PM service process. The default is 1000.
pm-error-level	PM service error log level.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
pm-poll-delay	Indicates the delay time, in seconds, for 15-minute and 24-hour PM collections to start. The default is 90 seconds.
pm-jvm-heap-init	Initial heap size for the PM service process.
pm-jvm-heap-max	Maximum heap size for the PM service process.
ons15216-pm	
pm-service	Possible values are active or not-active. The default value is not-active. If the value of the property is active, the corresponding PM service will be started when PM data collection is enabled on the NE(s). The value of this property should be set to active to collect PM data on NEs. This value can be modified from the Prime Optical client through Administration > Control Panel > PM Service > *NE_type*.
pm-threshold	Maximum number of NEs managed by the PM service process. The default is 1000.
pm-error-level	PM service error log level.
pm-jvm-heap-init	Initial heap size for the PM service process.
pm-jvm-heap-max	Maximum heap size for the PM service process.
ons1530x-pm	
pm-service	Possible values are active or not-active. The default value is not-active. If the value of the property is active, the corresponding PM service will be started when PM data collection is enabled on the NE(s). The value of this property should be set to active to collect PM data on NEs. This value can be modified from the Prime Optical client through Administration > Control Panel > PM Service > *NE_type*.
pm-threshold	Maximum number of NEs managed by the PM service process. The default is 1000.
pm-error-level	PM service error log level.
pm-15m-delay	Time, in seconds, to wait after the quarter is exceeded before collecting PM data.
pm-24h-delay	Time, in seconds, to wait after the 24 hours are exceeded before collecting PM data.
pm-jvm-heap-init	Initial heap size for the PM service process.
pm-jvm-heap-max	Maximum heap size for the PM service process.
security	
password-reuse-count	Number of previously used passwords to compare against the new password. The range is from 0 to 5 passwords; the default is 5 passwords. A value of 0 disables this feature.
password-change-interval	Number of days a user must wait between password changes. The range is from 0 to 99 days; the default is 20 days. A value of 0 disables this feature.
password-differ-limit	Number of characters by which the new password must differ from the previous one. The range is from 1 to 5 characters; the default is 3 characters.
password-age	Sets the password aging interval to any interval between 0 and 999 days. You are prompted to change the password after the specified number of days. The default is 30 days.
password-notification-enabled	Sets an early warning period for password expiration. Prime Optical supports values of 0 to (password aging – 1), with a maximum of 30. For example, if the password aging is configured for 30 days, the maximum early notification value would be 29 days. A value of 0 disables this feature.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
password-notification-interval	Sets the number of days before the warning for password expiration. The default is 0.
max-unsuccessful-attempts	Sets the maximum number of attempts a user is allowed to log in before being locked out for the length of time specified in the Lockout Time field. The allowable range is from 0 to 10 retries; the default is 5 retries.
min-password-length	Minimum password length. The range is from 2 to 10 characters; the default is 6 characters.
max-password-length	Maximum password length. The range is from 10 to 12 characters; the default is 12 characters.
num-alpha-chars	Minimum number of alphabetic characters that the password must include. The range is from 0 to 2; the default is 2 alphabetic characters.
num-locase-alpha-chars	Minimum number of lowercase alphabetic characters that the password must include. The range is from 0 to 2; the default is 1 lowercase character.
num-upcase-alpha-chars	Minimum number of uppercase alphabetic characters that the password must include. The range is from 0 to 2; the default is 1 uppercase character.
num-numeric-chars	Minimum number of numeric characters that the password must include. The range is from 0 to 2; the default is 1 numeric character.
num-special-chars	Minimum number of special characters that the password must include. The range is from 0 to 2; the default is 1 special character.
allow-numeric-firstlast	Specifies whether a numeric character is allowed as the first or last character in the password. The default is true; the first or last character in the password can be a number.
allow-special-firstlast	Specifies whether a special character is allowed as the first or last character in the password. The default is true; the first or last character in the password can be a special character.
allow-circular-shift	Specifies whether the user ID or a circular shift of the ID can be used in the password. The default is false; the user ID or a circular shift of the ID cannot be used in the password.
special-char-set	Special character set to use. The default is TL1+UNIX.
lockout-period	Sets the number of minutes a user's Prime Optical session is inactive before Prime Optical automatically locks the user out. The allowable range is from 0 to 120 minutes in 1-minute increments; the default is 30 minutes. A value of 0 disables this feature.
client-lockout	Enables or disables client lockout.
client-lockout-period	Sets the number of minutes a user's Prime Optical session is inactive before Prime Optical automatically logs the user out. The allowable range is from 0 to 1440 minutes in 1-minute increments. A value of 0 disables this feature.
client-logout	Enables or disables client logout.
client-logout-period	Sets the number of minutes a user's Prime Optical session is inactive before Prime Optical automatically logs the user out. The allowable range is from 0 to 1440 minutes in 1-minute increments. A value of 0 disables this feature.
security-advisory-message	(This parameter is not applicable to ONS 155xx NEs.) If checked, the advisory message that appears on login is enabled.

Table B-1   *Ctm_Config_Table Parameters (continued)*

Parameter Name	Definition
ons1530xusername	Usernames and passwords used to connect to a specific NE.
ons1530xpassword	
ons1530xGWTL1username	
ons1530xGWTL1password	
ons15454username	
ons15454password	
ons15454GWTL1username	
ons15454GWTL1password	
ons15454MLSeriesusername	
ons15454MLSeriespassword	
ons15327username	
ons15327password	
ons15327GWTL1username	
ons15327GWTL1password	
ons15454SDHusername	
ons15454SDHpassword	
ons15454SDHGWTL1username	
ons15454SDHGWTL1password	
ons15454SDHMLSeriesusername	
ons15454SDHMLSeriespassword	
ons15216EDFA2username	Usernames and passwords used to connect to a specific NE.
ons15216EDFA2password	
ons15216EDFA3username	
ons15216EDFA3password	
ons15216OADMUserName	
ons15216OADMUserPass	
ons15216OADMGWTL1UserName	
ons15216OADMGWTL1UserPass	
ons15216EDFAGWTL1UserName	
ons15216EDFAGWTL1UserPass	

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
ons15216EDFAUserName	Usernames and passwords used to connect to a specific NE.
ons15216EDFAUserPass	
ons15216EDFA3GWTL1UserName	
ons15216EDFA3GWTL1UserPass	
ons15216EDFA3FtpDir	
ons15216EDFA3FtpUserName	
ons15216EDFA3FtpUserPass	
ons15305ctcusername	(*Not used*)
ons15305ctcpassword	(*Not used*)
ons155xxusername	(*Not used*)
ons155xxpassword	(*Not used*)
ons155xxGWTL1username	Username and password used to connect to the ONS 155xx GateWay/TL1 NE.
ons155xxGWTL1password	
telnet-password	Telnet password.
ne-global-user-name	NE global username.
ne-global-user-password	NE global password.
ons15600username	Usernames and passwords used to connect to a specific NE.
ons15600password	
ons15600GWTL1username	
ons15600GWTL1password	
ons15600SDHusername	
ons15600SDHpassword	
ons15600SDHGWTL1username	
ons15600SDHGWTL1password	
ons15310CLusername	
ons15310CLpassword	
ons15310CLGWTL1username	
ons15310CLGWTL1password	
ons15310CLMLSeriesusername	
ons15310CLMLSeriespassword	
ctm-auth	This flag allows local fallback, which means that the policy server is not reachable when users log into the Prime Optical database.
ext-auth	This flag enables the external authentication feature.
ip-addr-url	IP address of the policy server.
ext-auth-type	SiteMinder protocol version.
sys-admin-enable	Allows the SysAdmin user to always log into Prime Optical.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
authorizationport	Policy server port used for authorization.
authenticationport	Policy server port used for authentication.
accountingport	Policy server port used for accounting.
agentname	Name that the policy server uses to identify the Prime Optical agent.
sharedsecret	Default shared secret parameter used to connect to the policy server.
pollingtime	Polling frequency for the policy server to update the parameters.
failover	Number of failover servers.
numserver	Number of servers used for security.
servertimeout	Maximum amount of time to wait for policy server response.
minconnection	Minimum number of connections to the policy server.
maxconnection	Maximum number of connections to the policy server.
connectionstep	Step used to connect to the policy server.
resourceget	Resources used by the policy server to trust users or Prime Optical parameters.
rouleget	Action entrusted to the resource by the policy server.
hostconfigfile	Name of the 5.x SiteMinder protocol configuration file.
sm_lib_path	Absolute path to the library.
sm_lib_name	Name of SiteMinder library.
sm_sampleagentip	Range of available IP addresses.
ui	
overwrite-alarm-notes	Enables or disables the ability to overwrite alarm notes created by another user.
overwrite-circuit-notes	Enables or disables the ability to overwrite circuit notes created by another user.
overwrite-job-notes	Enables or disables the ability to overwrite job notes created by another user.
unack-alarm	Enables or disables the ability to unacknowledged alarms that have been acknowledged.
ne-name-truncation	Allows you to specify how node names longer than 25 characters are truncated in the Network Map. If a string is longer than 25 characters, the first 22 characters display followed by an ellipsis (...). You can choose to truncate the first or last characters of the node name.
ne-no-topo-hosts	Allows you to manage the number of CTC instances for optimal CTC performance. The Cisco default is 10 CTC-based NEs. Although Prime Optical can support up to 2,500 CTC-based NEs, CTC cannot effectively manage more than a small subset of these NEs. Consequently, the Prime Optical domain must be partitioned into smaller CTC domains with one instance of CTC launched per CTC domain. The specified number of CTC-based NEs determines the number of GNEs, or topology hosts, that constitute each CTC management domain. CTC uses the GNEs provided to discover and display other nodes that are physically connected to the GNEs. For example, if each CTC-based NE ring contains three NEs (including the GNE), CTC discovers and manages 3 x 10 = 30 nodes when the value is set to 10. In environments where most CTC-based NE rings or subnetworks contain 10 to 16 NEs, set this number to a smaller value, such as 3.

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Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
clear-unack-alarms	(*Not used*)
subnetwork-auto-grouping	Enables or disables the ability to automatically group NEs in subnetworks.
enable-port-state-coloring	When port state coloring is enabled, the NE Explorer shelf views and card-level views report the port and alarm status as a background color.
default-audit-trail-state	Enables or disables the audit trail. NEs that are added or discovered will be assigned this setting.
ne	
debug-telnet-port	(*Not used*)
debug	
logging-option	Enables the ability to change the logging library. Values are JDK, Log4j, and VW debug.
log-buf-size	Maximum buffer size when logging is done using JDK or Log4j.
vwdebug-log-buf-size	Maximum buffer size when logging is done using VW debug.
vwdebug-log-idle-time	Maximum time the log strings are kept in the VW debug queue.
module-error-log-on	Indicates whether error logging is on for a particular module.
max-log-directory-size	Maximum size for the log directory.
max-log-number-of-files	Maximum number of files allowed in the logging directory.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
module_config_level	Trace level for the module.
module_jdaq_level	
module_fm_level	
module_iptl1_level	
module_jmoco_level	
module_main_level	
module_oss_level	
module_parser_level	
module_pm_level	
module_poller_level	
module_snmp_level	
module_sw_level	
module_gwtl1_level	
module_telnet_tunnel_level	
module_snmp_tunnel_level	
module_na_level	
module_platform_level	
module_util_level	
module_ne_level	
module_gwcorba_level	
module_data_level	
module_sm_level	
module_csm_level	
archive-dir	Specifies the directory where the archive log files are saved. The default directory is /opt/CiscoTransportManagerServer/log.
max-archivelog-file	Specifies the maximum number of log files to archive on the server. The range is from 1 to 25 files.
enable-archive	If enabled, allows you to archive log files to facilitate longer-term collection of logging information. When a log file is about to wrap, you can save the regular log file to a separate archive file.
debug-logfile-size	Specifies the size of the Debug Log file. You can select a default log size for each log file.
error-logfile-size	Specifies the size of the Error Log file. You can select a default log size for each log file.
init-logfile-size	Specifies the size of the initialization log file. You can select a default log size for each log file.
server-monitor	
monitoring-enabled	Enables or disables monitoring.

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Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
no-of-threads	Number of threads used for monitoring.
polling-period	Frequency at which monitoring is performed.
Disk_Usage_Enabled	Enables disk monitoring.
Disk_Usage_Critical	Critical threshold value for disk usage.
Disk_Usage_Major	Major threshold value for disk usage.
Disk_Usage_Minor	Minor threshold value for disk usage.
Disk_Usage_Units	Units in which disk usage is measured.
Memory_Usage_SWAP_Enabled	Enables monitoring for swap.
Memory_Usage_SWAP_Critical	Critical threshold value for swap usage.
Memory_Usage_SWAP_Major	Major threshold value for swap usage.
Memory_Usage_SWAP_Minor	Minor threshold value for swap usage.
Memory_Usage_SWAP_Units	Units in which swap usage is measured.
Memory_Usage_RAM_Enabled	Enables monitoring for RAM.
Memory_Usage_RAM_Critical	Critical threshold value for memory usage.
Memory_Usage_RAM_Major	Major threshold value for memory usage.
Memory_Usage_RAM_Minor	Minor threshold value for memory usage.
Memory_Usage_RAM_Units	Units in which memory usage is measured.
CPU_Usage_Enabled	Enables monitoring for CPU usage.
CPU_Usage_Critical	Critical threshold value for CPU usage.
CPU_Usage_Major	Major threshold value for CPU usage.
CPU_Usage_Minor	Minor threshold value for CPU usage.
CPU_Usage_Units	Units in which CPU usage is measured.
Prune_Time_Audit_Log_Enabled	Enables monitoring for the prune time audit log.
Prune_Time_Audit_Log_Critical	Critical threshold value for the prune time audit log.
Prune_Time_Audit_Log_Major	Major threshold value for the prune time audit log.
Prune_Time_Audit_Log_Minor	Minor threshold value for the prune time audit log.
Prune_Time_Audit_Log_Units	Units in which the prune time audit log is measured.
Prune_Time_Error_Log_Enabled	Enables monitoring for the prune time error log.
Prune_Time_Error_Log_Critical	Critical threshold value for the prune time error log.
Prune_Time_Error_Log_Major	Major threshold value for the prune time error log.
Prune_Time_Error_Log_Minor	Minor threshold value for the prune time error log.
Prune_Time_Error_Log_Units	Units in which the prune time error log is measured.
Prune_Time_Audit_Trail_Log_ Enabled	Enables monitoring for the prune time audit trail log.
Prune_Time_Audit_Trail_Log_ Critical	Critical threshold value for the prune time audit trail log.
Prune_Time_Audit_Trail_Log_Major	Major threshold value for the prune time audit trail log.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
Prune_Time_Audit_Trail_Log_Minor	Minor threshold value for the prune time audit trail log.
Prune_Time_Audit_Trail_Log_Units	Units in which the prune time audit trail log is measured.
Prune_Time_Purge_NE_Enabled	Enables monitoring for the prune time purge NE.
Prune_Time_Purge_NE_Critical	Critical threshold value for the prune time purge NE.
Prune_Time_Purge_NE_Major	Major threshold value for the prune time purge NE.
Prune_Time_Purge_NE_Minor	Minor threshold value for the prune time purge NE.
Prune_Time_Purge_NE_Units	Units in which the prune time purge NE is measured.
Prune_Time_15min_PM_Enabled	Enables monitoring for the prune time 15-minute PM.
Prune_Time_15min_PM_Critical	Critical threshold value for the prune time 15-minute PM.
Prune_Time_15min_PM_Major	Major threshold value for the prune time 15-minute PM.
Prune_Time_15min_PM_Minor	Minor threshold value for the prune time 15-minute PM.
Prune_Time_15min_PM_Units	Units in which the prune time 15-minute PM is measured.
Prune_Time_1day_PM_Enabled	Enables monitoring for the prune time 24-hour PM.
Prune_Time_1day_PM_Critical	Critical threshold value for the prune time 24-hour PM.
Prune_Time_1day_PM_Major	Major threshold value for the prune time 24-hour PM.
Prune_Time_1day_PM_Minor	Minor threshold value for the prune time 24-hour PM.
Prune_Time_1day_PM_Units	Units in which the prune time 24-hour PM is measured.
Prune_Time_FM_Enabled	Enables monitoring for the prune time FM.
Prune_Time_FM_Critical	Critical threshold value for the prune time FM.
Prune_Time_FM_Major	Major threshold value for the rune time FM.
Prune_Time_FM_Minor	Minor threshold value for the prune time FM.
Prune_Time_FM_Units	Units in which the prune time FM is measured.
Prune_Time_Server_Monitor_Enabled	Enables monitoring for the prune time server monitor.
Prune_Time_Server_Monitor_Critical	Critical threshold value for the prune time server monitor.
Prune_Time_Server_Monitor_Major	Major threshold value for the prune time server monitor.
Prune_Time_Server_Monitor_Minor	Minor threshold value for the prune time server monitor.
Prune_Time_Server_Monitor_Units	Units in which the prune time server monitor is measured.
Prune_Time_Job_Monitor_Enabled	Enables monitoring for the prune time job monitor.
Prune_Time_Job_Monitor_Critical	Critical threshold value for the prune time job monitor.
Prune_Time_Job_Monitor_Major	Major threshold value for the prune time job monitor.
Prune_Time_Job_Monitor_Minor	Minor threshold value for the prune time job monitor.
Prune_Time_Job_Monitor_Units	Units in which the prune time job monitor is measured.
PM_Collection_Time_Enabled	Enables monitoring for the PM collection time.
PM_Collection_Time_Critical	Critical threshold value for the PM collection time.
PM_Collection_Time_Major	Major threshold value for the PM collection time.
PM_Collection_Time_Minor	Minor threshold value for the PM collection time.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
PM_Collection_Time_Units	Units in which the PM collection time is measured.
Base_Circuit_Creation_Time_Enabled	Enables monitoring for the base circuit creation time.
Base_Circuit_Creation_Time_Critical	Critical threshold value for the base circuit creation time.
Base_Circuit_Creation_Time_Major	Major threshold value for the base circuit creation time.
Base_Circuit_Creation_Time_Minor	Minor threshold value for the base circuit creation time.
Base_Circuit_Creation_Time_Units	Units in which the base circuit creation time is measured.
Circuit_Creation_Time_Per_Hop_ Enabled	Enables monitoring for the circuit creation time.
Circuit_Creation_Time_Per_Hop_ Critical	Critical threshold value for the circuit creation time.
Circuit_Creation_Time_Per_Hop_ Major	Major threshold value for the circuit creation time.
Circuit_Creation_Time_Per_Hop_ Minor	Minor threshold value for the circuit creation time.
Circuit_Creation_Time_Per_Hop_ Units	Units in which the circuit creation time is measured.
NE_Synch_Time_Enabled	Enables monitoring for the NE synchronization time.
NE_Synch_Time_Critical	Critical threshold value for the NE synch time.
NE_Synch_Time_Major	Major threshold value for the NE synch time.
NE_Synch_Time_Minor	Minor threshold value for the NE synch time.
NE_Synch_Time_Units	Units in which the NE synch time is measured.
Config_Resynch_Time_Enabled	Enables monitoring for the config resynchronization time.
Config_Resynch_Time_Critical	Critical threshold for the config resynchronization time.
Config_Resynch_Time_Major	Major threshold for the config resynchronization time.
Config_Resynch_Time_Minor	Minor threshold for the config resynchronization time.
Config_Resynch_Time_Units	Units in which the config resynchronization time is measured.
critical-process	
SMService	Indicates whether this process is critical or noncritical.
OracleService	
OSAgent	
ons15454-ne	
ons15454-pm	
ons15200-ne	(*Not used*)

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
ons155xx-ne	Indicates whether this process is critical or noncritical.
ons155xx-pm	
ons15454sdh-ne	
ons15454sdh-pm	
ons15216-ne	
ons15600-pm	
ons15600sdh-pm	
ons15305-ne	
ons1530x-pm	
snmp-trap-service	Indicates whether this process is critical or noncritical.
gw-corba-service	
gwtl1-service	
database	
db-prune-db05-enabled	Indicates whether or not pruning of the archivelog directory /db05 is enabled. The default is not enabled.
db-prune-db05-threshold	Specifies that pruning of the /db05 directory will occur if the used capacity of /db05 crosses the threshold value. The default value is 80%.
db-prune-db05-backupdirectory	Backup directory for the /db05 directory. The default is /ctm_backup.
db-prune-db05-polling-period	Interval of pruning the /db05 directory if the threshold value is exceeded. The default is 15 minutes.
db-server-configuration	Prime Optical database and server configuration type. Values are small, medium, large, or high-end.
db-archive-15min-pm-days	Number of days of 15-minute PM data to keep in the database. The default is 30 days.
db-archive-1day-pm-days	Number of days of 24-hour PM data to keep in the database. The default is 30 days.
db-archive-fm-days	Number of days of FM data to keep in the database. The default is 7 days.
db-archive-auditlog-days	Number of days of Audit Log data to keep in the database. The default is 7 days.
db-archive-errorlog-days	Number of days of Error Log data to keep in the database. The default is 7 days.
db-archive-audittrail-days	Number of days of audit trail data to keep in the database. The default is 7 days.
db-archive-server-monitor-days	Number of days of server monitor entries to keep in the database. The default is 7 days.
db-archive-server-jobmonitor-days	Number of days of job monitor entries to keep in the database. The default is 7 days.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
db-prune-15min-pm-enabled	Flag to check whether data pruning is enabled.
db-prune-1day-pm-enabled	
db-prune-pm-enabled	
db-prune-fm-enabled	
db-prune-auditlog-enabled	
db-prune-errorlog-enabled	
db-prune-audittrail-enabled	
db-prune-server-monitor-enabled	
db-prune-server-jobmonitor-enabled	
daily-prune-15min-pm-time	Time of day when data will be pruned.
daily-prune-1day-pm-time	
daily-prune-pm-time	
daily-prune-fm-time	
daily-prune-errorlog-time	
daily-prune-auditlog-time	
daily-prune-audittrail-time	
daily-prune-server-monitor-time	
daily-prune-server-jobmonitor-time	
db-connection-pool-size	Number of connections in the JDBC connection pool. The default is 10.
db-connection-pool-size-pmservice	Number of connections in the JDBC connection pool for the PM service. The default is 10.
dbname	Database name, which is based on the release (for example, CTM8_5 for CTM R8.5).
dbversion	Version indicating the release (for example, 8.5).
db-diskspace-critical-threshold	Critical alarm is raised when used disk space crosses the threshold. The default is 90%.
db-diskspace-major-threshold	Major alarm is raised when used disk space crosses the threshold. The default is 80%.
db-diskspace-minor-threshold	Minor alarm is raised when used disk space crosses the threshold. The default is 70%.
db-archivelog-enabled	Whether or not the database archivelog mode option is enabled. The default is false (not enabled).
db-backup-state	State of the database hot backup. The default is 0.
db-export-state	State of the database export. The default is 0.
db-max-sessions	Maximum number of sessions that can be opened with the database. The default is 32 sessions.
db-no-pruning-threads	Number of threads that are configured to run the db prune script. The default is 1.
db-backup-failure-reason	Reason for the hot database backup failure.

Table B-1   Ctm_Config_Table Parameters (continued)

Parameter Name	Definition
db-export-failure-reason	Reason for database export failure.
ha	
max-retries	If the first backup Prime Optical server is not available, this field provides the number of times the client should retry logging in before moving to the next server in the list.
wait-time	If disruption to the primary Prime Optical server occurs, this field provides the number of seconds the client should wait before attempting to log into the backup server.
server-name-list	Lists the Prime Optical servers that Prime Optical clients will log into if access to the primary Prime Optical server is disrupted.
debug-telnet-port	Lists the Telnet port number to use for debugging. The default port number is 9410.