



Release Notes for Cisco Database for Telecommunications for Release 4.0

December 12, 2008

These release notes for the Cisco Database for Telecommunications for Release 4.0. These release notes are updated as needed.

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Introduction

Read this document before attempting to install CDT for special considerations, latest known technical issues and changes associated with the administration and operation of CDT.



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Approved Packages

The following packages have been approved for this release. Check Sum information (using the UNIX 'cksum' command) on each package will be provided to validate package integrity after the package has been transferred using FTP or SFTP.

Table 1 Approved Packages

Platform	Database	Package Name	Cksum Info
Solaris 10 AMD64	MySQL	CDT-4.0.0-910-mysql-solaris10-x64	3315912756 384796672
Solaris 10 AMD64	Oracle	CDT-4.0.0-910-oracle-solaris10-x64	1666551689 986713088
RedHat EL 4 U5 AMD64	MySQL	CDT-4.0.0-910-mysql-linux-x64.rpm	2011080765 144678161
RedHat EL 4 U5 AMD64	Oracle	CDT-4.0.0-910-oracle-linux-x64.rpm	1425828327 885814223

Master Considerations

Overview

Prior to installation the following information should be considered when upgrading a Master. TITAN Installation Guides contains more information regarding manual procedures that may be required during the Master upgrade process.

Embedded Oracle

Supported Operating Systems: Embedded Oracle is only supported on the Red Hat Linux 4 AMD 64 and Solaris 10 AMD 64 platforms.

Linux: When running setup on a Linux platform with 8GB or more of memory, it is possible to set the Oracle database SGA to a value such that it can not allocate the shared memory. To avoid this, the kernel.shmall parameter may need to be set to support an upper limit of 16 GB.

Backups: You must switch user to the titan user to manually initiate a full or incremental backup of the database.

Setup Utility: Select the default value when allocating shared memory for the Oracle database. Please contact NetNumber Support for more information regarding sizing of the database before allocating an amount greater than the default value.

High Availability

Setup passwordless ssh must be configured for the following two relationships:

- From the titan user on the primary master to the titan user on the standby master.
- From the titan user on the standby master to the titan user on the primary master.

User Privileges

SSH Access Users: To enhance security, the OS provided with CDT only allows access as root via the console. A non-privileged user must be manually added to the system if SSH access is required to manage CDT.

Edge Considerations

Overview

Prior to installation the following information should be considered when installing a CDT Edge. CDT Installation Guides contains more information regarding manual procedures that may be required during the installation process.

M3UA

Documentation Clarification—An SG appears to the SS7 network as an SS7 Signalling Point. An SG contains a set of one or more unique Signalling Gateway Processes, of which one or more is normally actively processing traffic. Where an SG contains more than one SGP, the SG is a logical entity, and the contained SGPs are assumed to be coordinated into a single management view to the SS7 network and to the supported Application Servers.

MTP3

When using MTP3 on Linux, the following Streams RPM must be obtained from Customer Support and installed before installing CDT and running the setup utility:

```
streams-1.0.0-8-x64.rpm
```

User Privileges

SSH Access Users: To enhance security, the OS provided with CDT only allows access as root via the console. A non-privileged user must be manually added to the system if SSH access is required to manage CDT.

Functional Considerations

Overview

Prior to installation the following Functional changes should be considered. The CDT Administration Guide contains more information regarding these features.

Bulk Data Import

During a bulk data import (i.e., view or entry) it is possible that the standby will temporarily go out of synch and an alarm will be raised. It will recover/resync soon after the bulk data import completes. The time actual time to resync will vary depending on the size of the bulk data and network bandwidth/latency.

Session Timeout

The actual time required to build out the CDT database during setup varies significantly depending on the size of the database selected. Therefore, session timeout has been disabled to avoid a failure scenario.

Resolved Issues in CDT 4.0

New Features in CDT 4.0.0

The following table describes the new features of the CDT 4.0.0.

Table 2 *New Features in CDT 4.0.0*

ID	Priority	Component	Title
2279	P1	Admin - WEB	The Admin UI must support the ability to export a configuration
4099	P1	Admin - WEB	CDT must support IE 6.0
3847	P1	AIN 0.2 - CPI	CNAME AIN 0.2 must support the Targus info protocol
5152	P1	Authentication	CDT must support SAML Authentication.
4060	P1	Authentication	Groups SHALL be used to assign a Realm, a Role, and a permission to users that are associated the group.
5130	P1	Authentication - Local	User Reset utility MUST support resetting user passwords
5179	P1	Bulk Activation	CDT Bulk Activation must support the ability to optionally specify a View to operate on.
3892	P1	DB - Entries	IP Route-Set must support Nationality and Country Code attributes
3900	P1	DB - Views	CDT MUST support the ability to configure threshold settings for View capacity and fragmentation
3891	P1	DNS - Listener	DNS Listener - Selector support for Realms
3885	P1	DNS - Listener	Referral must be processed when client request is received via TCP
3893	P1	DNS - Listener	DNS Listener must support the ability to obtain Receive Buffer Utilization.
4811	P1	DNS - Selector	Support for up to 10 comma separated IP addresses when configuring multiple subnet addresses in selectors
3140	P1	ENUM - CRS	ENUM-CRS MUST support processing of Referral entries.
4954	P1	ENUM - CRS	ENUM-CRS Service MUST support ISO record resolution.

Table 2 New Features in CDT 4.0.0 (continued)

ID	Priority	Component	Title
4044	P1	ENUM - PRS	ENUM-PRS: If a queried number doesn't match an entry in the DN view list, it must not try to match the number in the RN view
4022	P1	Import/Export - Configuration	Configuration Import/Export - ISUP-NP support
3816	P1	Import/Export - View	CDT must have ability to audit a View from view-import file
2880	P1	ISUP - Facility	CDT MUST support ISUP facility
4053	P1	ISUP - NP	ISUP-NP Service must support ANSI
4019	P1	ISUP - NP	CDT must support ISUP-NP Service with ITU support
4020	P1	ISUP - NP	Admin UI - ISUP-NP Listener/Selector support
3878	P1	Listener: DNS	Selector support for Realms
3877	P1	Listener: SCCP	Selector support for Realms
3884	P1	Listener: SIP	Selector support for Realms
3352	P1	MTP3 - Facility	MTP3 must support the Chinese variant of MTP3
3353	P1	MTP3 - Facility	M3UA must support the Chinese variant of M3UA
4828	P1	Netnumber NPG	NPG Distribution Term must only support LRN entry value for RN Entry type
4827	P1	Netnumber NPG	NPG Distribution Term must generate SPID resource records for SPID and ALTERNATE-SPID enable record set entries
4056	P1	Netnumber NPG	NPG Service must support the ability to provision multiple RN's with service type
5390	P1	Netnumber NPG	The NPG Facility name has been changed to the Number Portability Gateway (NPG) Facility.
5151	P1	Netnumber NPG	The CDT must initiate the connection to the NPG.
4021	P1	Replication - Incremental	Replication - ISUP-NP support
3355	P1	SCCP - Facility	SCCP must support the Chinese variant of SCCP
3890	P1	SCCP - Listener	SCCP Listener - Selector support for Realms
4116	P1	SCCP - Selector	CDT must support Global Title Translation service with Number Portability correction
4117	P1	SCCP - Selector	CDT must config export/import Global Title Translation service
3864	P1	Setup Utility	When setting up an Oracle Master, the Oracle memory allocation must be configurable
3889	P1	SIP - Listener	SIP Listener - Selector support for Realms
4971	P1	SIP - Selector	Support for up to 10 comma separated IP addresses when configuring multiple subnet addresses in selectors
4925	P2	Admin - WEB	Previous login information must be displayed with successful login to CDT
4384	P2	Admin - WEB	M3UA must provide the capability to audit point code states against the stack
4030	P2	Admin - WEB	The display of log files must be in a tab delimited format

Table 2 New Features in CDT 4.0.0 (continued)

ID	Priority	Component	Title
615	P2	Authentication - Local	Support ability to opt in or out of an account being disabled after x days of inactivity (i.e., override system setting).
617	P2	Authentication - Local	Support ability to opt in or out of having to change the password after x number of days (i.e., override the System setting).
5150	P2	Bulk Activation	Bulk Activation must support the ability to modify a submitted delayed activation job.
3596	P2	Daemon	The Daemon must write the date and time format in the state.ini file instead of using CDT.ini
2915	P2	DB - Management Scripts	Archive log cleanup script must support a force option to bypass the standby server check
3997	P2	ENUM - PRS	Nationality Option renamed to Phone Context
4951	P2	MAP - SRF	Network Node Number in LMSI parameter is SRI-SM ACK must be set to CDT's E164
4596	P2	MAP - SRF	MAP-SRF Service Attributes/Logic are un-intuitive
5493	P2	Package Installation/Removal	The CDT processes on an Edge must optionally run as root or non-root user.
5216	P2	Package Installation/Removal	A master setup must exit if CDT user or dba group does not exist or if the CDT user is not a member of group dba
997	P2	Package Installation/Removal	The CDT processes with Embedded Oracle must run as non-root user
4961	P2	Setup Utility	A CDT Master only supports embedded Oracle
4960	P2	Setup Utility	A CDT Edge only supports embedded MySQL
4848	P2	Setup Utility	Performance of CDT with embedded MySQL on Solaris is degraded by 2x because forced direct IO is not enabled
4850	P2	Setup Utility	Performance of CDT with embedded MySQL on Linux is degraded by 2x because forced direct IO is not enabled
4942	P3	Admin - CLI	Previous login information must be displayed with successful login to CDT
5021	P3	Admin - WEB	Password Strength Special characters should include all available ascii special characters
5027	P3	Admin - WEB	ISO2 Code should not allow numeric characters - ISO 3166-1 A2 are alphabetic only
3331	P3	Admin - WEB	Optionally allow View initialization to occur concurrent to the main thread of initialization
4524	P3	Admin - WEB	System Resources page should not hide page allocator information if allocator is disabled.
4371	P3	Admin - WEB	UI must provide a link on the NPG Facility to manage known NPG Regions
144	P3	Authentication - Local	User Management - ability to set an expiration date on a password or account
4812	P3	Custom SOAP/XML	CDT must provide XML support for adding a ROUTE-SET.

Table 2 New Features in CDT 4.0.0 (continued)

ID	Priority	Component	Title
1711	P3	DB - Management Scripts	CDT must support the ability to Change the CDT and database sysdba passwords.
4602	P3	DB - Management Scripts	CDT scripts should use a global CLASSPATH variable
4603	P3	DB - Management Scripts	CDT scripts should use a global ROOTDIR variable
4108	P3	DB - Management Scripts	Direct administration of oracle listener must be disabled
4537	P3	Diagnostics	CDT must support diagnostics trace for the process of query matching a selector.
5379	P3	DNS - Listener	When no DNS Selector is matched, the request must be REFUSED and log entry must be generated.
4617	P3	DNS - Listener	Selector must support an option to inspect relative domain retrieved from the DNS question domain
5072	P3	Import/Export - View	View import should provide an "Audit" only and "Audit" with repair option
3354	P3	MTP3 - Facility	M3UA must support the Chinese variant of MTP3
3545	P3	MTP3 - Facility	MTP3: mtp3 script - stderr should be piped to stdout
3655	P3	MTP3 - Facility	MTP3: Users should be allowed to edit a link's desired state within the link itself.
4626	P3	Online Help/Documentation	Help Content: - add the following tags
4522	P3	Online Help/Documentation	Add CPI Content Sensitive Help Tag
3544	P3	Package Installation/Removal	remove unused jars from /opt/CDT/lib and from CLASSPATHS
4664	P3	Primary/Standby Failover	If the Primary is stopped and the Standby is given the failover command, the original Primary can be started as a Primary
4504	P3	Replication Master/Edge MGT	The Verify SS7 Variant is obsolete and should be removed from the Edge definition on the CDT Master
4438	P3	Replication Master/Edge MGT	The CDT edge must validate the accuracy of the CDT Master specified edge name.
4643	P3	Setup Utility	Oracle database memory prompt should mention shared memory
2821	P4	Alarm Management	The event engine should allow for consistent switchover event numbering by removing the hard-coded event restrictions
2765	P4	Setup Utility	Product key: sccp listener is listed but causes error on edge if no base ss7 service.
3420	P4	Setup Utility	Setup should exit if mysql is running and not bring mysql down
3454	P4	Verify Utility	Verify script should detect that setup has not been run

Resolved Defects in CDT 4.0.0

The following table describes the defects that have been fixed in the CDT 4.0.0.

Table 3 *Resolved Defects in CDT 4.0.0*

ID	Priority	Component	Title
3980	P1	Accounting Aggregation	Accounting Aggregation intermittently fails with large data set.
5651	P1	Accounting Aggregation	A primary key used on the master causes a unique constraint violation with accounting records that contain duplicate data.
3979	P1	Accounting: Aggregation	The Accounting Aggregation intermittently fails with large data set.
3967	P1	Admin - WEB	Edge > Sort view 'Realm' column invokes NullPointerException - lose view page functionality
4670	P1	Alarm Management	CDT crashes if the Daemon is unable to write to its log directory (e.g. If the file system is full)
5297	P1	DB Management Scripts	Embedded Oracle - Can not audit more than 700K after switch-over
5369	P1	DNS - Listener	Send and Receive Buffer size changes are not taking effect.
3954	P1	DNS - Listener	DNS TCP Listener performs poorly under load.
5577	P1	ENUM - CRS	A transfer of the ENUM-CRS with edited values fails due to a FORMAT ERROR.
4043	P1	ENUM-PRS	If a queried number does not match an entry in the DN view list, it incorrectly tries to match the number in the RN view.
5280	P1	Import/Export - Configuration	The Incorrect Time Zone ID may be populated through a configuration import.
5279	P1	Import/Export - Configuration	Incorrect Time Zone ID populated thru import of a configuraion file
5617	P1	Import/Export - View	A view import does not properly (lexically) compare the entry names from the import file against the existing view entry names.
3919	P1	Import/Export - View	null pointer exception with DNSView\$Statistics.getPageUtilization after view import the data
3888	P1	Listener: DNS	When a client request is received via TCP and a Referral is obtained during the processing, the referral will now be launched only if the listener is configured as TCP+UDP.
5221	P1	MTP3 - Facility	Unable to start CDT when MTP3 is installed
5760	P1	NPG - Facility	NPG Facility fails processing of Audit Requests if the distribution terms are configured for Record-Set.
3946	P1	Primary/Standby Failover	If the Primary server cannot connect to its database, it will initiate an automatic failover even if the Standby server is in a RESYNCHRONIZATION state.
4126	P1	Primary/Standby Switchover	When the Standby's Oracle switchover state is "Not Allowed", a HA switchover must be allowed
4368	P1	Replication - Incremental	Audit not correcting entry data on edge if the master entry data byte length is not equal to the edge entry data byte length.
5674	P1	Replication Master/Edge MGT	HA master is performing slowly when processing edge acknowledgements in a wide-area network environment.

Table 3 **Resolved Defects in CDT 4.0.0 (continued)**

ID	Priority	Component	Title
3875	P1	Replication Master/Edge MGT	In some scenarios, reconnecting to an Edge could result in all associations transitioning to Unsyncronized
5033	P1	SCCP - Selector	SCCP Selector must support the configuration of the entire range of GlobalTitle natures for ITU.
4533	P1	Setup Utility	Oracle Setup continues initializing when using M3UA service product key - invokes DBError - Error getting SGP name
4911	P1	SIP - CRS	SIP Parsing fails when Organization Header contains no value.
5371	P1	SIP - Listener	Send and Receive Buffer size changes are not taking effect.
4915	P1	SIP - PRS	SIP Parsing fails when Organization Header contains no value.
4916	P1	SIP - RP	SIP Parsing fails when Organization Header contains no value.
3832	P1	View	IP Route-Set support for Nationality and Country Code attributes
2169	P1	View	Support for configurable threshold settings for View capacity and fragmentation
3825	P1	View	A faulted view after a configuration import causes view statistics to fail.
4989	P2	Accounting Activity	Accounting Result types must NOT be pre-populated.
4016	P2	Accounting Activity	Inconsistency: Period: HOUR available through SOAP Interface and not through UI
4804	P2	Accounting Activity	Upgrade of Oracle ACTIVITY_ATOMIC table does not make the table permanent
4732	P2	Accounting Activity	When using Advanced Realm Filter to filter on Report Time vs. Realm for a specific Realm, the data for all Realms can be seen
4580	P2	Accounting Activity	Activity Accounting (Master): Maximum Accounting Capacity Threshold should be lowered to 99%
4015	P2	Accounting Archival	Archive of accounting data not dropping partitions on Oracle master
3992	P2	Accounting: Aggregation	Accounting data may be lost if aggregated data has not been rolled up at the Master.
5428	P2	Admin – CLI	The CLI is not bound to the loopback address.
5343	P2	Admin - WEB	Cross scripting vulnerability is present on certain administration pages.
4143	P2	Admin - WEB	I/E cannot download reportexport.jsp when Network Security Setting enabled
3971	P2	Admin - WEB	Default fragmentation alarm threshold not persistent properly on Master
3973	P2	Admin - WEB	Refresh on update of a view association doesn't refresh properly
4505	P2	Admin - WEB	If CDT is not listening on the system administration port, CDT should go faulted and an error file should be created
5437	P2	AIN 0.2 - CPI	CPI Facility fails to start following certain connection modification(s).
4068	P2	Audit - Bulk	View and Entry Audit displays "Auditing" after the operation request is rejected because the backlog exceeds threshold

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
4923	P2	Authentication	The application default timeout is set to 60mins for users and 60mins for admins, the default should be 30mins for both.
5276	P2	Authentication - Local	Suspended warning is being displayed for a user with bad password
5435	P2	Backup/Restore	Auto Backup caused by minor Archive Log Limit Alarms does not work.
5229	P2	Backup/Restore	Embedded Oracle: Backup & Restore - kernel shared memory parameters
4025	P2	Backup/Restore	Backup does not backup incrementally after restoring a full backup.
4490	P2	Backup/Restore	No alarm is generated when /opt/titan/backup space reached above 90%.
5354	P2	Daemon	The server status command returns TIMED-OUT even though CDT appears to be running normally.
4938	P2	Daemon	Well known non-privileged user/group id's must not be used
3949	P2	Daemon	Shutdown of the Database during a hot backup causes oracle database to not startup.
3901	P2	Daemon	Sending event id 1000 into the daemon via "server log" causes daemon to segfault.
3950	P2	Daemon	Shutdown of the Database during a hot backup corrupts the backup.
4499	P2	Daemon	During cutover, if log messages are received from CDT, it may result in raising alarm 4010
3951	P2	Daemon	A hot backup causes the Oracle database to not startup.
4023	P2	Database: Backup/ Restore	Backup does not backup incrementally after restoring a full backup.
3572	P2	Database: Backup/ Restore	HA - If the Standby server is up, rebuilding the Primary will cause a perpetual resync.
4910	P2	DB - Management Scripts	Access to the server parameter file (SPFILE) must be restricted to the owner of the Oracle software and the DBA group or ORADBA
4935	P2	DB - Management Scripts	Oracle's SQL92_SECURITY parameter not set to TRUE as per the standard
4936	P2	DB - Management Scripts	Oracle's AUDIT_SYS_OPERATIONS parameter is not set to TRUE as per the standard
4937	P2	DB - Management Scripts	Oracle parameters must be explicitly set in the spfileCDT.ora file (i.e., do not rely on default values)
4913	P2	DB - Management Scripts	The following default accounts exists - Account : SCOTT, password : TIGER, status : OPEN
3926	P2	DB - Management Scripts	Solaris Embedded Oracle: Set the 'filesystemio_options=setall' in oracle init file.
5805	P2	DB – Management Scripts	Automatic backup fails on a Solaris Master if the timezone reported by the shell is ahead of the timezone reported by Oracle.
4119	P2	DB - Views	View Buffer - defragmenting memory during queuing caused java.lang.IllegalStateException: Buffer is no longer valid

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
3960	P2	Diagnostics	Diagnostics Test query does not produce output unless global Trace is enabled
3855	P2	Diagnostics	Trace categories enabled with global trace disabled causes significant performance degradation
3961	P2	Diagnostics	Diagnostics Test query does not produce output unless global Trace is enabled.
5396	P2	DNS - Listener	Non-Authoritative Request option should not be supported.
5188	P2	DNS - Listener	EDGE Server may enter FAULTED state when a combination of locally created and replicated listeners exists.
4877	P2	DNS - Listener	Accounting Record must be cut when DNS Listener does not match a Selector but Accounting is enabled globally
5594	P2	ENUM - CRS	DNS messages are not decoded correctly when there is 0 in the domain label.
3851	P2	ENUM - CRS	The original query name is used incorrectly when processing a referral
3866	P2	Import/Export - Configuration	MTP3 Queue information parameters are not imported properly when the values are changed
4096	P2	Import/Export - Configuration	SMTP Manager - Default values are being stored incorrectly
4743	P2	Import/Export - Entry	Updating a view option while doing an entry import result deadlock for both provisioning operations
5200	P2	ISUP - Listener	EDGE Server may enter FAULTED state when a combination of locally created and replicated listeners exists.
3955	P2	Listener: DNS	DNS TCP Listener performance improvement
3478	P2	Logging - System	Move backup event codes [0080 - 0082] to [3010 - 3012].
3477	P2	Logging - System	Load and process all event codes in the daemon, not just 00xx series.
5360	P2	M3UA - Facility	"Core" file is generated when editing an SG's Point Code.
5254	P2	MTP3 - Facility	LinkSet creation for the first time does not raise an alarm when the links do not come up.
5252	P2	MTP3 - Facility	LinkSet creation for the first time does not raise an alarm when the links do not come up
5738	P2	NPG - Facility	NPG Facility is not correctly returning the status for Audit and Audit Repair requests from the NPG Server.
4907	P2	Package Installation/Removal	All files in \$ORACLE_HOME must have permissions of 750 or less
4918	P2	Package Installation/Removal	The mysql root password is stored in plain text in various files
4444	P2	Package Installation/Removal	If the /etc/hosts file has the wrong IP for the system hostname, install/setup succeeds but the web server does not come up
5278	P2	Primary/Standby Switchover	Unable to run server switch as non-CDT user
3918	P2	Provisioning: NPG	NPG support for enabling and disabling the Accounting of processed distribution requests from the NPG Server.

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
3917	P2	Provisioning: NPG	The NPG Facility supports the ability to monitor network connectivity to the NPG Server and the ability to raise a MAJOR alarm when not connected.
3870	P2	Replication - Bulk	Transfer/Audit Report - Bundles Transferred, Average Bundle Size and Compression are incorrect
5728	P2	Replication - Incremental	Master is sending extraneous bundles to edge when activity-transfer log is empty.
5598	P2	Replication - Incremental	Replication is incorrectly detecting Master-Edge synchronization failure due to the backlog calculation use of a stale TID value.
3873	P2	Replication - Incremental	Replicated Listeners stopped on the Master do not raise Alarms indicating STOPPED state on the Edge
4005	P2	Replication - Incremental	Unable to replicate a selector with a selector id that already exists on the edge for a local (non-replicated) listener
5759	P2	Replication Master/Edge MGT	Backlog latency is zero even though the backlog is high.
4852	P2	Replication Master/Edge MGT	Replicated object may inaccurately be determined to be unsynchronized during a server shutdown of the edge.
4702	P2	Replication Master/Edge MGT	Disconnecting Master from the Edge when connection state is Faulted does not immediately stop edge replication control thread
4364	P2	Replication Master/Edge MGT	Delete listener association on the Master also delete local created Edge listener
4076	P2	Replication: Master	Replication of a view to multiple edges fails due to exhausted java heap.
3970	P2	Replication: Master	Default fragmentation alarm threshold not persistent properly on Master.
5432	P2	Reporting - SOAP/XML	Reporting fails for reports of Period = Year and Granularity = Week on the Edge.
5532	P2	SCCP - Facility	SCCP sending a message to SSN 255 causes an array index out of bounds exception.
5201	P2	SCCP - Listener	EDGE Server may enter FAULTED state when a combination of locally created and replicated listeners exists.
4883	P2	SCCP - Listener	Accounting Record MUST be cut when SCCP Listener does not match a Selector but Accounting is enabled globally
4081	P2	Setup Utility	HA setup fails if one /etc/host entry is a substring of another.
5806	P2	Setup Utility	Archive logs are not cleaned up on a Solaris Standby Master.
5463	P2	Setup Utility	Setup does not reject logging path if it is not owned by titan:dba.
5447	P2	Setup Utility	Modifying system administration port to under 1024 on master does not reject input.
5299	P2	Setup Utility	Embedded Oracle Linux - Setup fails when the database memory is set beyond 8GB.
5372	P2	Setup Utility	The java heap on a CDT Edge is not properly set.

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
5196	P2	Setup Utility	Standby Setup failing - archive B not being created.
5300	P2	Setup Utility	MySQL is binding to * instead of localhost.
4077	P2	Setup Utility	Replication of a view to multiple edges fails due to exhausted java heap
5083	P2	Setup Utility	Setup does not check for proper dimensioning of the backup partition based on the selected database size
5285	P2	Setup Utility	snmp.ini permission denied when starting server as non-root causing server to FAULT
5189	P2	Setup Utility	Standby Setup failing - archive B not being created
5082	P2	Setup Utility	Setup does not check for proper dimensioning of the archive partition based on the selected database size
3947	P2	Setup Utility	After a fail over the original standby (now primary) could not connect to edges due to a name mis-match (authentication failure)
4082	P2	Setup Utility	HA setup fails if one /etc/host entry is a substring of another
3894	P2	Setup Utility	HA: if standby is up, building primary will cause perpetual resync
4503	P2	Setup Utility	Attempting to modify accounting granularity property does not change the value
4751	P2	SIP - CRS	SIP Contact/To/From Header parsed incorrectly when display name is missing and URI parameters are present
4419	P2	SIP - CRS	Display Name in SIP Contact, From, Route and To Headers is parsed incorrectly if containing whitespace.
5202	P2	SIP - Listener	EDGE Server may enter FAULTED state when a combination of locally created and replicated listeners exists.
4880	P2	SIP - Listener	Accounting Record MUST be cut when SIP Listener does not match a Selector but Accounting is enabled globally
4752	P2	SIP - PRS	SIP Contact/To/From Header parsed incorrectly when display name is missing and URI parameters are present
4753	P2	SIP - RP	SIP Contact/To/From Header parsed incorrectly when display name is missing and URI parameters are present
4097	P2	SMTP Manager	SMTP Manager - Default values are being stored incorrectly.
3191	P2	SNMP Agent	In SNMP the community string must be encrypted when stored in the snmp.ini file
5613	P2	SOAP – Bulk Activation	Input parameters in the WSDL file are not defined per the specification for 'literal' model.
4517	P2	W3C SOAP/XML	SOAP/XML: Change Constraint from IllegalTime to Granularity if the User Asks for an Unsupported Granularity
5438	P3	Accounting Activity	SOAP/XML Edge Reporting: NullPointerException Occurs when a Null Report is Expected.
4831	P3	Accounting Activity	WEB Reporting: Advanced Filters Are Not Set Back to 'ALL' When A User Moves From 'Advanced' to 'Simple' Reporting
4138	P3	Accounting Activity	SOAP/XML: am able to run a report of 5 minute granularity when the Master is set to 15 minute granularity

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
3895	P3	Accounting Aggregation	Event 6040 and 6041 representing Aggregation starting and Aggregation Completed should not be posted in the log
5308	P3	Admin - WEB	The log4j.ini file should not be in the sys directory.
5323	P3	Admin - WEB	Read only users with advanced HTML knowledge and tools can gain access to certain write privileges.
5298	P3	Admin - WEB	SNMP Agent Port renders comma formatting when SNMP is enabled.
4817	P3	Admin - WEB	Corrupted Events file causes CDT server to go into a FAULTED state when trying to restart
4955	P3	Admin - WEB	Realm ID renders with comma formatting on Settings page and no comma on Edit page
4988	P3	Admin - WEB	Listener Port renders comma formatting on options page
4012	P3	Admin - WEB	Remove 'country code' from IP-ROUTE-SET NATIONAL message -
4120	P3	Admin - WEB	Accounting Refresh button reloads Download csv file
3934	P3	Admin - WEB	The NPG 'Network' link should be renamed to 'Options'
3382	P3	Admin - WEB	Time zone does not adjust with DST
4758	P3	Admin - WEB	Invalid use of asterisk for filtering should display a warning with valid usage of the wildcard asterisk
4816	P3	Admin - WEB	Event 2006 not logging completed resources, value when editing users profile
4741	P3	Admin - WEB	NullPointerException, when sign off from UI
4632	P3	Admin - WEB	Record-Set and IP-Route-Set Modified field not working
4620	P3	Admin - WEB	DNS-ANS, ENUM-CRS, ENUM-PRS Master Name & Contact Mailbox values automatically append the 'dot' w/Save action
4380	P3	Admin - WEB	Replication System Name should only be editable when Association in disconnected local state.
4879	P3	AIN 0.2 - CPI	AIN-CPI Service does not account properly when processing a request with a TCAP component error
5310	P3	Alarm Management	Alarm Management - When alarm 4010 gets raised, and the log file successfully gets rewritten, the alarm does not get cleared.
5222	P3	Alarm Management	The events file contains obsolete ENUM - SIP Service Events (3350,3351).
5044	P3	Alarm Management	Erroneous error reference for corrupted alarms.csv file - 'does not have 1 or 0 for Notify'
4896	P3	Alarm Management	Alarm 3300 should be triggered whenever primary is not in maximum availability mode
4137	P3	Alarm Management	alarms.csv is inconsistent in the text in the Additional field where the value is a threshold
3896	P3	Audit - Bulk	While auditing, viewing a previous audit report displays a report for the in progress audit report

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
4051	P3	Audit - Bulk	An audit of the view to the same edge within the same timestamp (seconds boundary) results in an unexpected error
4383	P3	Backup/Restore	In Solaris, missing .bash_profile when trying to view archive space.
3976	P3	Backup/Restore	Backup directories did not get deleted when Standby is offline during backup.
3907	P3	Backup/Restore	Issuing a ctrl-c while backup is running does not give a proper exit response
3986	P3	Backup/Restore	In Solaris, missing .bash_profile when trying to view archive space.
5416	P3	Bulk Activation	View association drop downs should have only views created under current realm.
4027	P3	Bulk Activation	If accounting is disabled for the entire server, the Bulk Activation accounting option should not be displayed or enabled
4773	P3	Bulk Activation	Bulk Act: Oracle error exposed when inserting DN > 31 digits
4125	P3	Console: WEB	Selecting the Accounting 'Refresh' button reloads Download csv file.
5368	P3	Custom SOAP/XML	Superfluous SOAP/XML Services exist.
4536	P3	Daemon	The reason for a FAULTED state is not logged
4840	P3	Daemon	Daemon heartbeat-process timeout value remains at a default of 6
4447	P3	Daemon	event 0038 is missing from the events file
3580	P3	Database: Backup/ Restore	Issuing a ctrl-c while backup is running does not give a proper exit response.
5121	P3	DB - Entries	Service Type configuration on should be a single, nullable text field.
4912	P3	DB - Management Scripts	After initializing the oracle database, the init.ora should be deleted since it is not used
4109	P3	DB - Management Scripts	BT Security Req: Oracle listener must not listen on INADDR_ANY
3444	P3	DB - Redimensioning	Setup: dynamic redimensioning: last db file for largest size not created
3904	P3	DB - Views	The View statistics are not updating during a buffer reload.
4510	P3	DB - Views	When CDT is shutdown while the client is still querying database, a "Io exception: Socket read timed out" error occurs
5413	P3	DNS - Listener	The result in accounting record registered must be consistent and specific to the protocol response.
5397	P3	DNS - Listener	Detailed and consistent diagnostic messages are required during selection process.
4558	P3	DNS - Listener	Error message for duplicate listener name is misspelled
5451	P3	DNS - Selector	Selector updates are not persisted if Order field modification precedes modification to any other field in the same session.
3170	P3	Documentation	Events and the format of System Log are not adequately documented
5545	P3	ENUM - CRS	Error file logged when performance query client loads the system over 40% CPU utilization.
5185	P3	ENUM - CRS	Audit of ENUM-CRS service incorrectly sets the service type to 255 if the specify service type value on the master is 'NONE'.

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
5118	P3	ENUM - CRS	Service Type configuration on should be a single, nullable text field.
5116	P3	ENUM - CRS	Inconsistent use of "none" option in various Service logic selection items.
5024	P3	ENUM - CRS	DNS referral can be configured to local platform causing a loop
4306	P3	ENUM - CRS	NP Parameter Context doesn't get refresh when edit from NATIONAL to INTERNATIONAL
4557	P3	ENUM - CRS	Default values for SOA-Master-Name and Contact-Mailbox get exported after service instance is edited
5546	P3	ENUM - PRS	Error file logged when performance query client loads the system over 40% CPU utilization.
5314	P3	Import/Export - Configuration	Import of SIP-CRS configuration does not properly validate configured sequential depth against number of views present.
5460	P3	Import/Export - Configuration	Timezone in user profile needs to be validated in during a configuration import.
5317	P3	Import/Export - Configuration	Import of IS41 configuration does not properly validate configured sequential depth against number of views present.
5315	P3	Import/Export - Configuration	Import of AIN 0.2 NP configuration does not properly validate configured sequential depth against number of views present.
5316	P3	Import/Export - Configuration	Import of AIN 0.2 CPI configuration does not properly validate configured sequential depth against number of views present.
5311	P3	Import/Export - Configuration	Import of ENUM-CRS configuration does not properly validate configured sequential depth against number of views present.
3974	P3	Import/Export - Configuration	server configuration import : when import a view with buffer none, the view is displayed as buffer complete
4506	P3	Import/Export - Configuration	SCCP Selector TTC default value of 5 is exported - imports as a value of 0
4520	P3	Import/Export - Configuration	Default values for SOA- Master-Name and Contact-Mailbox are being exported after the service instance is edited
3899	P3	Import/Export - Entry	Entry Import commit interval should default to 1,000
4404	P3	Import/Export - Entry	Entry import: LRN accepts value with > 31 digits.
4403	P3	Import/Export - Entry	Entry import: Invalid character is reported with an ascii value rather than the character itself
4535	P3	Import/Export - Entry	View Import and Entry Import incorrectly accept disabled Entry/RR Types.
5541	P3	Import/Export - View	View import does not display a warning message when a buffer strategy of 'COMPLETE' is specified in the import file.
5295	P3	Import/Export - View	View import with -a (audit) of a non-existing view should provide an informative response.
5365	P3	Import/Export - View	When using -r (repair) option with view import, the specified output file has no ! END line.

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
5364	P3	Import/Export - View	View audit has no <! END> line if there are no differences between view and compare file.
5355	P3	INAP - NP	Event 3190 is obsolete.
5586	P3	IS41 - NP	When Post-translation Strategy is changed from RULE to VIEW, Post-translation View setting is not checked for replicated Views.
5456	P3	ISUP - Listener	Selector updates are not persisted if Order field modification precedes modification to any other field in the same session.
5403	P3	ISUP - Listener	Detailed and consistent diagnostic messages are required during selection process.
4824	P3	Logging - System	Event 9999 being raised - not Event 1018 - Send mail notification failed to %s, from: %s, reason: %s'
4930	P3	Logging - System	No entry in log after the log file is modified by administrator using an editor like vi
3807	P3	Logging - System	Only events that get raised by CDT should be in the events file (i.e., no extraneous events)
5488	P3	M3UA - Facility	An error log is dropped when tried to Edit Congestion Level on SGP.
4820	P3	M3UA - Facility	Exception when creating a second ASP with a virtual IP address.
5234	P3	MAP - MOSM	Fraud Detection View option in MAP-MO-FWD-SM service is not displayed correctly.
4134	P3	MAP - SRF	SRF Service is not handling ported-in subscribers when the number portability database is central
4878	P3	MTP3 - Facility	Transfer Queue Alarm minor threshold is incorrectly displayed to the user as a percentage configuration
3880	P3	MTP3 - Facility	UDTS message not received from CDT when an SCCP message is targeted to a Subsystem that is not used
4026	P3	NetNumber NPG	If accounting is disabled for the entire server, the NPG accounting option should not be displayed or enabled
4029	P3	NetNumber NPG	The NPG Accounting option should be modifiable regardless of the network listener state
4893	P3	Online Help/Documentation	On Line Help Tags: SYSTEM tab -> C7/SS7 -> M3UA -> Errors Leads to 'MTP3 Stack Errors' vs. 'M3UA Stack Errors'
4372	P3	Online Help/Documentation	ON LINE HELP ICON: Console-> Network Does Not Lead to the Correct section of the Admin Guide
4392	P3	Online Help/Documentation	ON LINE HELP: System->C7/SS7->Routes-> Create button Help Link Brings You to the Table of Contents Page
4370	P3	Online Help/Documentation	ON LINE HELP ICON: C7/SS7 -> M3UA-> Options Help Link Does Not Go To M3UA Options in the Admin Guide
5652	P3	Package Installation/Removal	If the CDT package is removed and reinstalled without running Setup, commands and utilities that check the /etc/inittab for the daemon entry (e.g. restore) will fail with a "grep: /etc/inittab: Permission denied" error.
5307	P3	Package Installation/Removal	File and directory permissions need to be fixed in the packages.

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
5303	P3	Package Installation/Removal	The upgrade.sh script does not check that the executing user is titan.
5305	P3	Package Installation/Removal	The upgrade.sh not executable after the RPM is installed.
5095	P3	Package Installation/Removal	The .src_control file is poorly formatted
5109	P3	Package Installation/Removal	/opt/titan/sys/.version file should be removed
4675	P3	Package Installation/Removal	postinstall failing if the my.cnf file is null
4597	P3	Package Installation/Removal	Failed preinstall check causes partially installed CDT package to remain on system.
3938	P3	Provisioning: NPG	The NPG supports an option for the NPG Server name used to authenticate the NPG Server at connection time.
4585	P3	Replication - Bulk	Service replication transfer report does set proper "End Time:" when transfer fails.
4519	P3	Replication - Bulk	Listener replication transfer report does set proper "End Time:" when transfer fails.
5427	P3	Replication - Incremental	Replication update acknowledgements are not being sent to the master in time manner leading to a misleading backlog levels.
4867	P3	Replication - Incremental	Archiving of Activity Logger results in a database prepared statement object resource leak.
4965	P3	Replication - Incremental	Alarm Repair Action after a Incremental replication of listener update with an invalid listener address is incorrect
4872	P3	Replication - Incremental	Incremental replication of listener update for an invalid listener address results in faulted Master-Edge network state
4772	P3	Replication - Incremental	ActivityLogger is not closing a prepared statement resulting in a database maximum open cursors exceeded
4491	P3	Replication - Incremental	Creating an Entry Audit with no Replicated View associations results in a NullPointerException
5769	P3	Replication Master/Edge MGT	Backlog is non-zero and not changing when the Edge backlog exceeds the activity log capacity and the log is purged.
5763	P3	Replication Master/Edge MGT	Error file dropped when disconnecting an edge.
5729	P3	Replication Master/Edge MGT	The heartbeat interval is unconstrained.
4800	P3	Replication Master/Edge MGT	Use of the same Session Context by Incremental Replication and Accounting Aggregation may result in unsafe database connection
4527	P3	Replication Master/Edge MGT	Deleting a Replication Service Association on the master deletes the local service on the edge.
4382	P3	Replication Master/Edge MGT	On a Master system, modifying the name of an existing Edge will not clear outstanding alarms for the original Edge name
4050	P3	Replication: Master	Deleting an Edge definition on the Master when the network connection state is DOWN_REMOTE results in bogus 12010 alarm.

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
5509	P3	SCCP - Facility	The SCCP statistics for 'SSP Sent' and 'SSA sent' are not being updated properly when 'Notifications' is enabled in CDT and when the SCCP listener is stopped and started.
5402	P3	SCCP - Listener	Detailed and consistent diagnostic messages are required during selection process.
3616	P3	SCCP - Listener	ANSI decodes Point Code incorrectly in diagnostics
4512	P3	SCCP - Listener	When CDT is shutdown while the client is still querying database, a "Io exception: Socket read timed out" error occurs
4735	P3	SCCP - Listener	Network Setting -> SSN: value does not incrementally replicate to the Edge
4532	P3	SCCP - Listener	Error message for duplicate listener name is misspelled
5453	P3	SCCP - Selector	Selector updates are not persisted if Order field modification precedes modification to any other field in the same session.
4070	P3	Setup Utility	Welcome banner displays the product title in all lower case.
4047	P3	Setup Utility	Setup Does not prompt for the HA interface IP/host when setting up a PRIMARY and STANDBY Master.
3913	P3	Setup Utility	Entry Import commit interval does not default to 1,000.
5670	P3	Setup Utility	Setup defaults database vendor to "non_embedded" when importing a config file on a non_embedded package.
5585	P3	Setup Utility	Error dropping user 'SCOTT' should not be displayed when upgrading standby.
5448	P3	Setup Utility	Default system administration host should not be localhost.
5301	P3	Setup Utility	Configurations binding to localhost default to primary network interface.
5321	P3	Setup Utility	Peer daemon host is prompted for during config import.
5171	P3	Setup Utility	Rebuild standby server prompt not taking default input
5084	P3	Setup Utility	The default for setting up a Master should be HA mode, not Solo.
5058	P3	Setup Utility	Diagnostics configuration not reset after running setup -a
5035	P3	Setup Utility	Repeat runs of setup do not have default value for oracle database memory allocation
4793	P3	Setup Utility	After db size increase, standby TITAN.ini is not updated to new size
3445	P3	Setup Utility	Setup: some prompts do not fully validate input
3422	P3	Setup Utility	Setup -a does not reset keystore password
4034	P3	Setup Utility	MUST ask a question about the IP/name of the HA interface to be set in the tnsnames.ora file
3952	P3	Setup Utility	Using setup -a to rebuild a standby, the script displayed a warning to run setup -a even though it was already running
4794	P3	Setup Utility	Setup -a does not prompt to relocate database directories
4734	P3	Setup Utility	Setup database resize values need to be updated

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
4605	P3	Setup Utility	Setup of MySQL with HA should not be allowed
4405	P3	Setup Utility	After cleaning the system, running server status or verify gives error
5117	P3	SIP - CRS	Inconsistent use of "none" option in various Service logic selection items.
4949	P3	SIP - CRS	Query processing failed to include all headers in the request
5401	P3	SIP - Listener	Detailed and consistent diagnostic messages are required during selection process.
4556	P3	SIP - Listener	Error message for duplicate listener name is misspelled
5454	P3	SIP - Selector	Selector updates are not persisted if Order field modification precedes modification to any other field in the same session.
4986	P3	SMTP Alerts	alarm text for alarm 4030 is incorrect for most email errors
4810	P3	SMTP Alerts	SMTP configuration does not accept multiple email addresses
5748	P3	SNMP Agent	Several SNMP objects are being returned with incorrect type information.
5287	P3	SNMP Agent	SNMP Manager fails with 'Port is in use' w/default port of 161.
5294	P3	SNMP Agent	Incorrect error message when SNMP agent tries to connect to a reserved port.
5441	P3	SOAP - SIR	SIR: Error Occurs when Trying to Create an AAAA Record.
3008	P4	Accounting Aggregation	Label for Entry 'Type' filtering is confusing - Need more intuitive label for Type of filter or Value
3095	P4	Admin - WEB	Multiple tab sessions on I/E 7.0 shows issues with Edit button functionality
4698	P4	Admin - WEB	View Buffer - when buffer is initializing , memory percentage does not update on UI
4010	P4	Admin - WEB	NATIONAL text field needs sizing adjustment for ENUM-CRS and ENUM-PRS
4874	P4	Audit - Incremental	The Entry Audit Report specifies "Report Deleted"
4921	P4	Audit - Incremental	Report for a failed Entry Audit is missing the Edge name from the report
4754	P4	DB - Views	The View buffer is not being initialized in the proper order of smallest view size to largest view size
4011	P4	ENUM - PRS	Leaving NATIONAL text field blank for ENUM-CRS or ENUM-PRS should have message consistent w/IP-ROUTE-SET
3990	P4	Import/Export - Configuration	Default Buffer Strategy COMPLETE exports for associated view
5366	P4	Import/Export - View	Audit/repair output file should indicate server and view being audited.
4922	P4	Logging - System	Event 3002 - INFORMATIVE "%s Import completed" - View name not included with log output
3827	P4	Primary/Standby Failover	Fail script causing kill error message - no such process
3826	P4	Primary/Standby Switchover	Switchover: standby switch error message worded badly
4875	P4	Replication - Incremental	Entry Audit Report - intermediate results show incorrect information

Table 3 Resolved Defects in CDT 4.0.0 (continued)

ID	Priority	Component	Title
3909	P4	Replication Master/Edge MGT	Edge view statistics are not updated after view transfer if the master server was rebuild from a configuration file
4738	P4	Replication Master/Edge MGT	Activity log archiving (purge/truncate) diagnostics are not consistent with diagnostics from other Replication features
5061	P4	SCCP - Selector	Enter the character 'f' in the "Global Title Address (GTA) cause a error trace to be generated
4063	P4	Setup Utility	Prompt for HA interface has extra punctuation and wrong wording.
4750	P4	Setup Utility	Set up script does not check immediately if the product key file name is wrong
4764	P4	Setup Utility	Insufficient system memory error does not state that it keys off of free/available system memory
4400	P4	Setup Utility	HA Standby Setup: When passwordless ssh is enabled, setup directs the user to enter a password that is never prompted for
4582	P4	Setup Utility	Spelling error in Setup stack trace
5045	P4	SMTP Alerts	SMTP Invalid Email example address format - Typo - somewhere should be 'somewhere'
4871	P4	Verify Utility	After a fresh install, before setup, verify will report errors

Known Technical Issues in CDT 4.0.0

The following table describes known technical issues in the CDT 4.0.0.

Table 4 Known Technical Issues in CDT 4.0.0

ID	Priority	Component	Title
2768	P2	Daemon	If events or alarms are modified, the daemon needs to be cycled to re-initialize CDT.
5079	P2	Replication - Incremental	The Activity Log capacity may exhaust the Oracle table space depending on the number and size of entries.
5377	P2	Setup Utility	An Edge server on Solaris will not start when using a database sized for 1000M entries.
4927	P2	Setup Utility	A connection timeout may prevent setup from completing when initializing large databases.
4770	P2	Setup Utility	The calculated available memory does not include buffer/cache space.
5193	P3	Admin - WEB	Inconsistent use of "[none]" option for AIN-CPI, SIP-PRS, SIP-RP services - NONE should be [none].
5489	P3	Admin - WEB	Wrong Error note when tried to edit SGP Congestion Levels
5203	P3	Admin - WEB	Invalid Service Type value for RN Record Set invokes non-sensible error message - 'For input string: "".
4823	P3	Admin - WEB	If account is Expired any other 'Action' attempt should show error 'Account Expired' - not 'Action applied'.

Table 4 Known Technical Issues in CDT 4.0.0 (continued)

ID	Priority	Component	Title
4801	P3	Admin - WEB	Views options page should show information regardless of page allocator state.
4574	P3	Daemon	The daemon crashes when the events file has CTRL Ms.
4997	P3	DB - Management Scripts	REMOTE_LOGIN_PASSWORDFILE parameter is set to EXCLUSIVE.
5187	P3	DB - Views	The View buffer does not change state to initializing after toggle from none to complete.
5262	P3	Import/Export - Configuration	Can't query for any record after a view import to the edge with buffer complete.
4854	P3	Import/Export - Entry	Entry Import for IP-ROUTE-SET allows criteria value > 65,535.
4857	P3	Import/Export - Entry	Entry import of TON record will accept '.' (dot) and ''.
4415	P3	Import/Export - Entry	Entry Import: of Secret Key record does not handle invalid values for the shared secret key and data.
4424	P3	Import/Export - Entry	Entry Import of TON record allows invalid values for the carrier ID.
4420	P3	Import/Export - Entry	Entry import: date and time fields are not being checked for TIME records.
5195	P3	Import/Export - View	View import accepts an IP-ROUTE-SET with criteria > 65,535.
5194	P3	Import/Export - View	View import allows numeric value in ISO2 code parameter.
5165	P3	Import/Export - View	File entry format for 'View' and 'Entry' should be same for the Import/Export feature.
5603	P3	M3UA - Facility	An error file is dropped when trying to shutdown CDT if it is connected to an ITP in ACTIVE mode.
5115	P3	M3UA - Facility	When bringing the SGP connection down, a "SS7Provider Exception: Error Disconnecting. Unknown[0]" error occurs.
5601	P3	NetNumber NGP	NPG facility is not transitioning from 'Down-Remote' to a 'Faulted' state when CDT is unable to connect to the NPG.
5309	P3	Package Installation	A /usr/sfw/bin/gtar "Cannot change mode...Not owner" error occurs on the fmpu1hp file when installing CDT while extracting embedded Oracle on solaris.
5624	P3	Primary/Standby Failover	If an automatic failover does not occur because the Standby is not in a synchronized state, a manual failover done on the Standby may not correctly transition the Standby to a Primary.
3719	P3	Primary/Standby Failover	Alarm/Trap 3120 "Standby is not up" message not being captured.
5606	P3	Replication - Bulk	The delete phase of a View Audit on a large view (e.g., 1 billion entries) takes hours if the entry delete count is large (e.g., 1 million).
4864	P3	SCCP – Selector	Edge Selector page does not refresh properly after a Master Audit.
5197	P3	Setup Utility	Hostname of standby host prompt will accept blank input.
4868	P3	Setup Utility	Database size cannot be increased with relocated directories.
4693	P3	Setup Utility	When the HA local interface is not valid, only the local interface prompt should be repeated.

Table 4 Known Technical Issues in CDT 4.0.0 (continued)

ID	Priority	Component	Title
3868	P3	Setup Utility	Setup clean does not fully clean a non-embedded database if you select not to continue with setup once the clean is done.
5180	P3	SIP – CRS	No error is generated for SIP UDP query when it was sent with less data than what the content length specified.
5224	P3	SNMP Agent	SNMP MIB Walk doesn't show listener and view details on initial startup of Manager.
5593	P3	SOAP – SIR	Able to User batchEntries and viewEntries for more than stated limit of 10,000 Entries.
5609	P3	Verify Utility	The SSH Connectivity to Peer check returns FAIL because it is using the root user for passwordless ssh rather than the CDT user.
5608	P3	Verify Utility	On a Standby Master Server, the database check returns FAIL even though the database is up.
5470	P4	Admin – CLI	The word “retrieving” is misspelled in setup.
5597	P4	Admin - WEB	A browser 'Refresh' on the Entries page links to Views and does not refresh the Entries page.
5206	P4	Admin - WEB	The M3UA > ASPs Secondary Address drop-down inconsistent value of NONE - should be [none].
5232	P4	Admin - WEB	Restricted > Read-Only user can view other profiles (cannot edit them) through the URL.
5212	P4	Admin - WEB	Filter Type 'RN Value' Value field defaults to '*' (asterisk) after filtering, moving to another page and returning to Entries.
5204	P4	Admin - WEB	Selector 'Origin Type' drop-down inconsistent value NONE - should be [none].
5251	P4	Admin - WEB	Creating NT entry with invalid Translation rule 'R' invokes wrong message indicating optional format of a dot with single \$ is needed.
5538	P4	ENUM - CRS	When querying for an LRN record with value of a dot, an accounting record is cut for Refused InvalidDigit.
5087	P4	ENUM - CRS	There is no trace in diagnostics for resolution of iso2 record in ISO2 view.
5618	P4	ENUM - DDNS	Trace for prerequisite condition of TTL equal to zero is not correct.
5616	P4	ENUM - DDNS	When sending in an update with illegal class, an accounting record is cut for DNS_FORMERR_ILLEGAL_CLASS but the RCODE is set for REFUSED.
5612	P4	ENUM - DDNS	A java.nio.BufferUnderflowException occurs when provisioning a NAPTR with a long regex field of more than 250 characters.
5524	P4	ENUM - DDNS	When sending in an update with classtype unsupported, server does not cut FORMERR.
5445	P4	INAP - NP	LAC settings are not used and therefore they should be removed.
2857	P4	Primary/Standby Failover	Heartbeats are considered missed according to local parameters rather than those of peer.
5620	P4	Setup Utility	The Setup error on a Standby is unclear if Archive Logging is disabled on the Primary.

Table 4 Known Technical Issues in CDT 4.0.0 (continued)

ID	Priority	Component	Title
4873	P4	Setup Utility	Dots are printed at different time intervals when building versus increasing database size.
5281	P4	Setup Utility	Passwordless ssh error contains a minor typo.
5069	P4	Setup Utility	Running setup with a help flag should print regardless of CDT's state.
5574	P4	SIP - Listener	SIP and DNS Event Severities are not consistent.
4865	P4	SIP - Selector	Edge Selector page does not refresh properly after Master Incremental to Criteria->Order.

Documentation Support

As a valued customer, we appreciate any feedback you have regarding the general quality of this release. Questions regarding the content of the documentation set or defects found with the application server can be sent to cdt-user-doc@cisco.com.

Related Documentation

The CDT Master and Edge server application documentation set is available online. The documentation set that is included in Cisco Database for Telecommunication (CDT) 3.0 Release.

- *Release Notes Cisco Database for Telecommunication (CDT) 3.0*
CDT Administrators—This document provides a description of new features, enhancements or bug fixes provided in the CDT release.
- *Cisco Database for Telecommunication (CDT) Installation Guide - Solaris 4.0* (this document)
System Engineers—This document describes the CDT Installation procedures based on the Solaris or Solaris operating system.
- *Cisco Database for Telecommunication (CDT) Administration Guide 3.0*
CDT Administrator and System Engineers—This document provides in depth explanation of the functions, features and concepts of the CDT application as well as information required to plan and configure the CDT environment. It also provides Maintenance and Troubleshooting information.



Note This document is also available as Help Content within CDT.

- *Cisco Database for Telecommunication (CDT) SOAP/XML Developers Guide 3.0*
Application Engineers—This document provides information to integrate the SOAP Administration capability with CDT.

Assumptions

This document assumes the reader is familiar with the operating system, browser and basic operational procedures and has been introduced to CDT through training and other literature.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

This document is to be used in conjunction with the *Cisco Database for Telecommunications Installation Guide* publications

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