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NAS Release 1-1198

Release Date

2010-04-14

Highlight

- Commit database update as Transaction Block
- Correct crash a Charge Event submission
- Added CDR and ACR FIFO statistics
- Explicitly select "termprefix" INDEX when searching Rate Table

Resolved Issues

Issue #	Issue Type	Descriptions

Database Changes

Table	Fields	Descriptions
status	Renamed all counter field to have "cnt_" prefix	To make all counter with the "cnt_" prefix consistently
status	Renamed all oop field to have "oop_" prefix	To make all Out-Of-Pool count with the "oop_" prefix consistently
status	Added `fifo_db`, `fifo_cdr` and `fifo_acr`	To show DB, CDR and ACR FIFO size
pool_limit	copy of `status` table	To register Pool and Fifo Limit

Changes

CPP Code

Issue #	Descriptions
	(1-1198x1) Funnelled all account db update to DB Update Fifo to be committed to DB in transaction blocks
	(1-1198x1) Create and Update pool_limit table to show Pool and Fifo limit.
	(1-1198x4) Correct a race condition in submitting ChargeEvent that caused crashes
	(1-1198x7) Added system parameter <RateFindUseIndex> to force Rate Find to use specific index. Default to "termprefix" INDEX

UI Code

Issue #	Descriptions
	(1-1198x1) Adopt to naming conversion for statistic with "cnt_" and "oop_" prefix.
	(1-1198x1) Added DB, CDR and ACR FIFO to statistics
	(1-1198x1) Added option to show OOP and FIFO as percentage
	(1-1198x2) Direct expired session to adminlogin.php

Upgrade Procedures

- "Upload UI" Nas_UI_1-1198.tar.gz **(to both sides of a HA pair)**
- "Code Select" UI "Nas_UI_1-1198" **(at both sides of a HA pair)**
- Drop `NpsDomain`.`status` **(at both sides of a HA pair)**
- **Verify and correct if necessary that ratetable has "KEY `termprefix` (`termdomain`,`termprefix`,`class`)"**
- "Upload Code" nas-1-1198-f10.tar.gz
- "Code Select" Code "nas-1-1198-f10"