AVAVoIP
VoIP Billing System

Release Notes
Release 1.5.9
Date December 4, 2009

Overview

This document describes all issues associated with AVAVoIP, release 1.5.9.

The document includes the following sections:
- New feature — summary of all new features for the current release.
- Maintenance notes – details about fixed issues with current release
- System requirements — information on system prerequisites.
- Installation and upgrade notes — instructions about installation and migration.

New features

CRM portal
- added a highly customizable Drupal based CRM portal
- subscription module
- accounts module
- reports module
- top-up module
- multi-language support (English, Spanish, etc.)

On-net calling
- added on-net calling functionality
- the functionality allows calls between registered account endpoints
- originating party is billed by on-net tariff
- CDR is recorded in originating account

Reporting
- enhancement to reporting functionality
- enhancements of Receivables Aging report
- enhancements of CDR lookup report (PIN search, maximum number of rows, etc.)
- added new PIN reports (Activated PINs, Expired PINs)
- added option to show account call history cdr details

Agents
- enhancement to agents functionality
- restructured agents commissions functionality
- refactored and enhanced agent statements functionality

Calling Cards
- enhancement to calling card functionality
- added possibility to search by PIN in CDRs
- added activated PINs and expired PINs reports
- added fake minutes announcement to prepaid cards scripts
- enhanced prepaid cards scripts with dynamic number translations

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Routing
- enhancement to routing functionality
- functionality for auto recovery on lost DB connection in yate
- optimized and tuned yate templates and processes
- functionality to stop current calls on insuficient balance
- optimized yate not to record CDRs for unauthenticated calls
- forced account endpoint media routing for endpoints behind NAT
- enhanced yate call hunting functionality
- enhanced yate logging functionality
- patched yate h323 channel to support G729 40ms packetization

Invoicing
- refactoring and enhancements of invoce functionality
- enhanced automatic emails

Subscription Plans
- refactoring and enhancements of subscription plan functionality
- added option to delete subscription plans
- force change of account subscription plan functionality
- added default route inherited by accounts when associated with subscription plan.

Maintenance notes

The following issues have been fixed with the current release:
- issue in carrier endpoint form
- missing partitions permissions in roles
- yate kill -HUP bug for reloading configurations in avavoip routing
- issue in reports download functionality
- issues with activity log reports
- issues with configuration audit reports
- issue with call distribution report
- issue with search of rates based on partial destination name
- issue with taxation report
- issue with on demand billing invoicing
- issue with download of critical balances report
- issue with carrier endpoint validations
- issue with ANI translation
- issue with invoice download
- IP conflict between accounts and origination carriers
- issues with PIN expiration

System requirements
No changes to system requirements.

Installation and upgrade notes
No changes to the installation and upgrade processes.