

# BillMax Changes from 2.1.3 to 2.1.4

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## Bug Fixes

<b>Ticket</b>	<b>Description</b>
27547	report_memorized.cgi didn't check for user authorization.
27546	ccbatach didn't decipher credit card numbers for refund transactions. This lack of information is necessary for refunds processed through ECHO.
27545	ECHO credit card implementation did not handle refunds.
27492	Corrected error that caused an error in the database (reported by dbck) where a service would be reopened after being suspended for overusage even though it's account and user were suspended for being overdue. Modified closeofday to leave service suspended but set the reason to "User Is Not Open".
27495	Corrected date and time stamp for radius records in radparse. Date and time could be off when Daylight Savings time was in effect.
27497	Removed -s and -r switches to lpr in send_statements. These settings in some circumstances caused the print file to be delete before it was processed by the printing subsystem. This error only occurred when "print as single job" option.
27501	Added escape of '@' character in sample service_hook to prevent Perl compile problems with "strict".
27503	Corrected spelling of Ancillary in reports.tmp template.
27504	Modified BillMax_CreditAging and BillMax_RefundAging so that these routines can be called within the same execution of a program.
27512	Corrected custom regex classes that allowed NULL values.
27513	Modified BillMax_TierplanComputeValue so that it frees the results of BillMax_DbQuery when no rows were returned. Previously a memory leak occurred under this condition.
27514	Corrected bug in licensing that caused the failover license to be invalid for Solaris builds.
27515	Added indexes on datacall table for queries used when processing an "accounting on" record.
27516	Fixed an error that occurred when creating new non recurring services. BillMax_InvoiceService ignored the computed service end date. This coupled with the use of pre-bill days could cause a service to be billed multiple times until the service was no longer in the pre-bill days period.
27517	Modified realms comparisons (when using the billmax.realms file) to be case insensitive.
27519	Corrected error that caused bad data in a servicechange record whenever the newservice-resources systemstate list variable was used to expand the list of eligible service definitions.
27524	Dynamically allocated buffer used for allocation records in ccnow, so large number of transaction can be paid off when charging a credit card.
27526	Check for duplicate datacall records would fail if duplicate pairs (Start and Stop for the same call) were sent. Modified query to not consider record type to avoid this problem.
27529	radiusd and radparse modified to not write duplicate datacall records to the database. These duplicates may not be complete, thus data is lost when the record is rewritten.
27530	Corrected flush or buffering issue in cpost that caused output from a specific processing script to not be passed to ccparse on a per record basis. Also corrected misspelling of \$verbose variable in two places.
27531	Corrected memory allocation errors for some variables in BillMax_ServiceChargeForUsage and BillMax_ComputeNextUsageDate. Memory was used after being freed.

<b>Ticket</b>	<b>Description</b>
27533	billmax.attributes file was omitted by accident in the last release. This file is needed for radiusd and radparse processing only.
27534	Corrected errors in make_statements that caused statements to be generated for closed accounts and type 5 records to be written when there is no financial activity.