



# RELEASE NOTES CLOUDBILLING V1.9.4

## IMPROVEMENTS

### **Pricing rule creation has much-used features enabled by default.**

- For SUM rules, we now set "roll-up intermediate results" by default. This only affects newly created pricing rules through the Web UI.
- For all rules, we now set "output to invoice" by default. This only affects newly created pricing rules through the Web UI.

### **PURCHASES THAT HAVE BEEN INVOICED**

We changed how we set "is invoiced" on purchases. We take into account any purchase that might have been invoiced, but could not have been invoiced due to e.g. missing pricing rules. From the purchase screen, you can now search for "mapped" and "not invoiced".

## RESOLVED ISSUES

- Performance of dashboard widgets have improved. We noticed that environments with a high count of purchases and invoices experienced a degraded performance on the dashboard page with certain widgets. We have improved the performance of the widgets for these environments.
- Invoices with lots of results are no longer marked as failing "integrity validation". Invoices with lots of results going into a SUM rule were previously incorrectly marked as failing integrity checks. This issue has been resolved.
- API would not return the same error message for expired sessions compared to 1.8 version. In version 1.9.3 we resolved an issue where the error message returned by the API was different from the error message that was returned on previous versions of the API. For backward compatibility, we've restored the old error message.