

GDP - Bug #130

duplicate advertisements sent on `gdplogd` startup

04/09/2019 12:58 PM - Eric Allman

Status:	Feedback	Start date:	04/09/2019
Priority:	Normal	Due date:	
Assignee:	Eric Allman	% Done:	0%
Category:	gdplogd	Estimated time:	0.00 hour
Target version:			
Description			
According to Rick, in some circumstances gdplogd will advertise all of the logs it knows about and then immediately send them a second time. It doesn't happen every time, and may be timing related. As yet we don't have a reliable way to reproduce it.			

History

#1 - 04/09/2019 03:21 PM - Rick Pratt

If a gdplogd instance is left running, and the connected gdp-router-click2 is halted, left down for a few minutes (which correlates with the 150s advertisement period), and is subsequently relaunched, then the gdplogd instance will frequently generate a set of advertisements twice in close temporal proximity right after the gdplogd instance reconnects with the gdp-router-click2 instance.

After adding diagnostic output to logd.c, I have determined that the gdplogd `renew_advertisements_thread()` is called each and every time the extra advertisements also appear. Given routers have the same name on reboot, I would speculate that the renewal call is set up within gdplogd by what happens prior to halting the router, and that renewal call occurs very shortly after reconnection of gdplogd with gdp-router-click2 (i.e., almost simultaneous with the expected call to `logd_advertise_all()` on new connections).

Priority is likely low, given the reproduction conditions, but track in the unlikely event it is seen in production.

#2 - 04/10/2019 10:29 AM - Eric Allman

- Status changed from New to Feedback