IRM - Bug #18127

IRM Slow memory leak

11/06/2017 01:25 PM - Dennis Nicklaus

Status:	Assigned	**Start date:**	11/06/2017
Priority:	Normal	**Due date:**	
Assignee:	Mike Slicznia k	**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			

Description

The following is all as stated by Mike Kucera: There is a slow memory leak in the IRMs, seen in Main Injector and other places. After about 2 months, the system will run out of memory (or it is so fragmented as to be useless). These systems used to stay up for 1 year +. Kucera opines that it seems to have gotten bad since the new DPM was made the default for everyone, but that wasn't absolutely for certain.

History

#1 - 11/06/2017 03:31 PM - Richard Neswold

- Status changed from New to Assigned

Some information which may of use:

When DPM is readying a request to a front-end for the first time, it targets the GETS32 task. Ideally, a front-end should return ACNET_NOTASK if that protocol still isn't supported. LabView front-ends, for instance, don't pay attention to the ACNET header and treat GETS32 requests as RETDAT requests. The unintelligible reply tells DPM to downgrade the request to RETDAT.

If I remember correctly, the IRMs returned ACNET_NOTASK so DPM knew to downgrade to RETDAT. However, the IRM will have received a GETS32 request. If there's a small memory leak, it will build up as each new request will send the one GETS32 packet.

#2 - 06/08/2018 11:48 AM - Richard Neswold

Does this still seem to be a problem? Was is fixed?