

FreeNAS - Bug #25966

Update module that reports ARC Hit Ratio

09/25/2017 02:46 AM - Richard Kojedzinski

Status: Resolved	
Priority: Important	
Assignee: John Hixson	
Category: Middleware	
Target version: 11.1	
Seen in: 11.0-U3	Needs Merging: Yes
Severity:	Needs Automation: No
Reason for Closing:	Support Suite Ticket: n/a
Reason for Blocked:	Hardware Configuration:
Needs QA: Yes	ChangeLog Required: No
Needs Doc: Yes	
Description	
Upstream collectd has just merged the fix to collect usable arc hit statistics, it would be nice to be included in FreeNAS as well.	
Related issues:	
Related to FreeNAS - Bug #28489: Discontinuous or bouncing graph in ARC Hit R...	Closed

History

#1 - 09/25/2017 02:47 AM - Richard Kojedzinski

Forgot to add references:

<https://github.com/collectd/collectd/pull/973>

<https://github.com/collectd/collectd/commit/42c95164f7c6bcc5fe831c3d9844aca0e69faf4d>

Regards,

#2 - 09/25/2017 04:09 AM - Dru Lavigne

- Assignee changed from Release Council to William Grzybowski

William: please load balance.

#3 - 09/26/2017 04:54 AM - William Grzybowski

- Category changed from GUI (new) to Middleware

- Status changed from Unscreened to Screened

- Priority changed from No priority to Important

- Target version set to 11.2-BETA1

Thanks, but we are going to have to wait a new collectd release to bring this in.

#4 - 09/26/2017 06:10 AM - Richard Kojedzinski

In my perspective, FreeNAS is A product, which provides graphs. Many users dont know which software provides, and even dont care. From this point I would fix the graphs. Even with that the current graphs are pretty useless.

<https://github.com/freenas/ports/pull/27>

Regards,

#5 - 09/26/2017 06:13 AM - William Grzybowski

They dont, but we developers rely on these softwares.

We are not experts on each and every software used in the product and bringing arbitrary patches skipping the release process of a given third-party software may affect us in a bad way. In general, its better to be safe than sorry.

#6 - 09/26/2017 08:45 AM - William Grzybowski

- Status changed from Screened to Unscreened

- Assignee changed from William Grzybowski to John Hixson

From the PR, it looks like John will have a look at it.

#7 - 09/26/2017 09:27 AM - John Hixson

- Status changed from Unscreened to Reviewed by Developer

- Assignee changed from John Hixson to Release Council

Looks good to me. Please commit to freenas/master branch of ports repo as well.

#8 - 09/26/2017 07:18 PM - Dru Lavigne

- Assignee changed from Release Council to William Grzybowski

#9 - 09/27/2017 05:10 AM - William Grzybowski

- Assignee changed from William Grzybowski to John Hixson

I didnt review the code, in fact I was not in favor of doing this now, I am not the one who should be assigned to this ;)

#10 - 12/07/2017 10:37 AM - Dru Lavigne

- Subject changed from Zfs arc stats to Update module that reports ARC Hit Ratio

- Status changed from Reviewed by Developer to Ready For Release

- Target version changed from 11.2-BETA1 to 11.1

#11 - 12/13/2017 04:10 PM - Dru Lavigne

- Status changed from Ready For Release to Resolved

#12 - 02/12/2018 02:23 PM - Stefan Schroepper

Several users (including me) are seeing an odd or even erroneous ARC Hit Ratio reporting behavior. I'm not sure if this behavior was introduced with 11.1-RELEASE or 11.1-U1. It is just my guess that this behavior is a consequence of the changes made during processing bug [#25966](#).

See also

<https://forums.freenas.org/index.php?threads/arc-hit-ratio-all-over-the-place-after-upgrading-memory.61527/>

for screenshots and a few contributions to the discussion.

#13 - 02/13/2018 06:28 AM - Dru Lavigne

Stefan: please open a new ticket and attach a debug to it from an affected system so that we can investigate. Thanks!

#14 - 02/13/2018 02:27 PM - Stefan Schroepfer

New ticket created (Bug [#28489](#)).

#15 - 02/13/2018 02:30 PM - Dru Lavigne

- Related to Bug #28489: Discontinuous or bouncing graph in ARC Hit Ratio Reporting added