

FreeNAS - Bug #23258

Support bhyve for AMD Processor

04/11/2017 12:58 AM - Marcelo Araujo

Status:	Resolved	
Priority:	Important	
Assignee:	Marcelo Araujo	
Category:		
Target version:	11.0-RC	
Seen in:	9.10.3	Needs Merging: Yes
Severity:	New	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

We have some user reports about the availability of VM plugin on AMD CPU.

Forum: I upgraded to FreeNAS-9.10-MASTER-201704060409 this morning and there is still no support for VMs on an AMD system. I believe my cpu with the POPCNT feature should be supported according to FreeBSD documentation but the VM tab still says "unsupported".

Forum: <https://forums.freenas.org/index.php?threads/new-features-for-testing.53146/#post-367429>

Another related issue on Corral that is similar with what we have here: <https://bugs.freenas.org/issues/17336>

Associated revisions

Revision fc33ead4 - 04/11/2017 03:31 AM - Marcelo Araujo

feat(vm): Allow those with AMD CPU and with support to RVI or NPT to use the VM plugin.

Ticket: #23258

Ref: <http://developer.amd.com/wordpress/media/2012/10/NPT-WP-1%201-final-TM.pdf>

Ref: <https://www.freebsd.org/doc/handbook/virtualization-host-bhyve.html>

History

#1 - 04/11/2017 07:18 PM - Marcelo Araujo

- Status changed from Investigation to Reviewed

#2 - 04/19/2017 07:54 AM - Kris Moore

- Target version changed from 9.10.3 to 11.0

#4 - 04/28/2017 12:17 PM - Vaibhav Chauhan

- Status changed from Reviewed to Resolved

#5 - 05/03/2017 10:57 PM - Vaibhav Chauhan

- Target version changed from 11.0 to 11.0-RC