

OpenNebula - Backlog #2043

Adding MacVTap Driver

05/14/2013 11:37 AM - Tobias Honacker

Status:	Pending	Start date:	05/14/2013
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Core & System	Estimated time:	0.00 hour
Target version:			
Description			
<p>Macvtap is essentially a combination of the Macvlan driver and a Tap device. A Macvtap interface combines the properties of these two; it is a virtual interface with a tap-like software interface. With these driver I'm able to share a NIC to a VM without any bridged setup. In Libvirt it's called "direct" which is much faster and for hosted server solutions much more efficient sharing public IPs to VMs.</p> <p>MacVTap supports three modes:</p> <ol style="list-style-type: none">1. Virtual Ethernet Port Aggregator mode2. Bridge mode3. Private mode <p>Libvirt XML:</p> <pre><devices> <interface type='direct'> <mac address='d0:0f:d0:0f:00:01'/> <source dev='eth0' mode='bridge'/> </interface> <!-- More devices here... --> </devices></pre>			

History

#1 - 05/14/2013 04:07 PM - Ruben S. Montero

- Tracker changed from Feature to Request

#2 - 05/14/2013 05:10 PM - Ruben S. Montero

- Tracker changed from Request to Backlog

- Category set to Core & System

- Priority changed from Normal to High

Very interesting indeed, adding it to our backlog to schedule in future releases....

#3 - 12/27/2013 12:15 AM - Ruben S. Montero

- Priority changed from High to Normal

#4 - 07/21/2017 09:32 AM - Florian Heigl

This is a standard feature on SR-IOV enabled nics by now.

Would be wonderful if it got implemented after 4 years :(

