

NFD - Bug #5096

TestMulticastEthernetTransport/NetifStateChange fails with interfaces that are not RUNNING

03/28/2020 09:19 PM - Eric Newberry

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Eric Newberry	% Done:	100%
Category:	Faces	Estimated time:	0.00 hour
Target version:	v0.8		
Description			
<p>On one of the Jenkins agents for macOS Catalina, the Face/TestMulticastEthernetTransport/NetifStateChange consistently fails when it attempts to use the awdl0 (Apple Wireless Direct Link) interface (which is administratively up, but is not RUNNING). However, I have confirmed that it still fails on macOS when this test case attempts to use a standard Ethernet interface that is also administratively up, but not RUNNING.</p> <p>Davide and I have determined that this issue is likely caused by a combination of the following two issues:</p> <ul style="list-style-type: none">• EthernetTransport is not initially set to TransportState::DOWN when the underlying interface is initially not InterfaceState::RUNNING.• EthernetFixture uses any interface that is administratively up but not necessarily InterfaceState::RUNNING, while the test case in question assumes that the transport is initially TransportState::UP (not guaranteed once the previous point is fixed).			
Related issues:			
Related to NFD - Bug #5074: Transport tests failing due to macOS AWDL interfaces			New

History

#1 - 03/28/2020 09:23 PM - Eric Newberry

- Subject changed from TestMulticastEthernetTransport/NetifStateChange fails on macOS with DOWN interfaces to TestMulticastEthernetTransport/NetifStateChange fails on macOS with administratively up interfaces

- Description updated

#2 - 03/28/2020 09:30 PM - Davide Pesavento

- Subject changed from TestMulticastEthernetTransport/NetifStateChange fails on macOS with administratively up interfaces to TestMulticastEthernetTransport/NetifStateChange fails on macOS with interfaces that are not RUNNING

- Description updated

#3 - 03/28/2020 09:34 PM - Davide Pesavento

- Related to Bug #5074: Transport tests failing due to macOS AWDL interfaces added

#4 - 03/28/2020 11:43 PM - Eric Newberry

- Status changed from New to In Progress

#5 - 03/29/2020 12:35 AM - Eric Newberry

- Status changed from In Progress to Code review

- % Done changed from 0 to 100

#6 - 04/02/2020 09:53 AM - Davide Pesavento

- Subject changed from TestMulticastEthernetTransport/NetifStateChange fails on macOS with interfaces that are not RUNNING to TestMulticastEthernetTransport/NetifStateChange fails with interfaces that are not RUNNING

- Category changed from Unit Tests to Faces

FTR, this isn't macOS-specific, it could happen on Linux as well. We've never seen it on Jenkins Linux agents because none of them has a network configuration that triggers the bug.

#7 - 04/02/2020 09:53 AM - Davide Pesavento

- Status changed from Code review to Closed