

## Lori Tribble

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**From:** Buddy Lott [BLott@kmccontrols.com]  
**Sent:** Wednesday, January 02, 2008 12:31 PM  
**To:** BTL Manager  
**Subject:** RE: BTL Specified Test 14.X1 & 14.X2.1 & 14.X2.3 vs BTL TestPlan Section 10.2.6 (v0.27)

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Lori,

Sorry for the long delay. I just got back from vacation.

I reread the response and believe this answers the question. It would be much more clearer if the response would open with a comment such as:

*The intent is to treat the FD and BBMD in the Network1 BBMD/Router as two separate BACNet networks and apply standard routing operations on any traffic between them.*

I also think this explanation makes the test redundant or incomplete. Standard routing test should cover all the scenarios making the test redundant, and the lack of network layer message testing makes the test incomplete.

Thank you

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**From:** BTL Manager [mailto:btl-manager@bacnetinternational.org]  
**Sent:** Thursday, December 20, 2007 3:45 PM  
**To:** Buddy Lott  
**Subject:** RE: BTL Specified Test 14.X1 & 14.X2.1 & 14.X2.3 vs BTL TestPlan Section 10.2.6 (v0.27)

Buddy,

The explanation in the response indicates that the SNET and SADR would need to exist or be added for routing purposes.

Lori

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**From:** Buddy Lott [mailto:BLott@kmccontrols.com]  
**Sent:** Thursday, December 20, 2007 3:20 PM  
**To:** BTL Manager  
**Subject:** RE: BTL Specified Test 14.X1 & 14.X2.1 & 14.X2.3 vs BTL TestPlan Section 10.2.6 (v0.27)

Lori,

I want to take a second stand at my explanation.

My read of Figure J.6 is the observation that the BBMD Router could be routing between multiple BBMD networks. The NET1 BBMD/ROUTER could be routing between two BACNet IP networks. In one BIP network, it would have all of the panels and routers for NET1, The second BIP network could be a FD client that registers with the BBMD in network 2. All standard routing rules would apply between two "routes" in the Network 1 BBMD/Router.

This would mean that all messages going between network 1 and network 2 would have the source address added.

Thanks.

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**From:** BTL Manager [mailto:[btl-manager@bacnetinternational.org](mailto:btl-manager@bacnetinternational.org)]  
**Sent:** Thursday, December 20, 2007 2:41 PM  
**To:** Buddy Lott  
**Subject:** RE: BTL Specified Test 14.X1 & 14.X2.1 & 14.X2.3 vs BTL TestPlan Section 10.2.6 (v0.27)

Buddy,

The BTL Clarification Request BTL-CRR-0041 has been published. Hopefully this will answer your questions on this matter.

Lori Tribble  
BTL Manager – BACnet International

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**From:** Buddy Lott [mailto:[BLott@kmccontrols.com](mailto:BLott@kmccontrols.com)]  
**Sent:** Tuesday, October 16, 2007 10:45 AM  
**To:** BTL Manager  
**Subject:** RE: BTL Specified Test 14.X1 & 14.X2.1 & 14.X2.3 vs BTL TestPlan Section 10.2.6 (v0.27)

Lori,

The first test in 10.2.8 has the same issues.

Thanks,

**From:** Buddy Lott  
**Sent:** Tuesday, October 16, 2007 9:59 AM  
**To:** 'BTL Manager'  
**Subject:** BTL Specified Test 14.X1 & 14.X2.1 & 14.X2.3 vs BTL TestPlan Section 10.2.6 (v0.27)

Lori,

Can you provide a clarification for the test configuration for section 10.2.6 in the BTL Test Plan (revised Oct 24,2005)?  
What are the expected results for the test in the section?

From the brief description, this test violates my understanding of how BBMDs and FDs work. In Annex J.4.3 in 135-2004, it is stated that ALL BBMDs in the same BACNet IP network have identical Broadcast Distribution Tables(BDT). Since FDs "Add" a device to the BACNet IP network, having a BBMD that can register as a FD with another BBMD would imply that both BBMDs are part of the same BACNet IP network. Since they are part of the same BIP network, they are suppose to have the same BDT so registration should be irrelevant at best or be denied at worst.

Am I missing something?

Thanks,

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Internal Virus Database is out-of-date.  
Checked by AVG Free Edition.  
Version: 7.5.488 / Virus Database: 269.14.8/1064 - Release Date: 10/11/2007 3:09 PM

No virus found in this outgoing message.  
Checked by AVG Free Edition.  
Version: 7.5.503 / Virus Database: 269.17.5/1190 - Release Date: 12/19/2007 7:37 PM

No virus found in this incoming message.  
Checked by AVG Free Edition.  
Version: 7.5.503 / Virus Database: 269.17.5/1190 - Release Date: 12/19/2007 7:37 PM

No virus found in this outgoing message.  
Checked by AVG Free Edition.  
Version: 7.5.503 / Virus Database: 269.17.5/1190 - Release Date: 12/19/2007 7:37 PM

No virus found in this incoming message.

Checked by AVG Free Edition.

Version: 7.5.516 / Virus Database: 269.17.13/1207 - Release Date: 1/2/2008 11:29 AM