

**April 2015**

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**IEEE 802 Response to comments on ISO/IEC  
JTC1/SC6 pre-ballots of  
IEEE 802.1BA-2011 and IEEE 802.1BR-2012**

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**This provides responses to comments on ISO/IEC JTC1/SC6 pre-ballots of IEEE 802.1BA-2011 and IEEE 802.1BR-2012**

- The voting results on IEEE 802. 1BA-2011 in 6N16337
  - Support need for ISO standard? Passed 10/0/9
  - Support this submission being sent to FDIS? 8/0/11
  - 2 comments were received with the China NB vote (no NO votes)
- The voting results on IEEE 802.1BR-2012 in 6N16336
  - Support need for ISO standard? Passed 10/0/9
  - Support this submission being sent to FDIS? 9/0/10
  - 1 comment was received with the China NB vote (no NO votes)
- The comments have been processed in a timely manner using the mechanisms defined and agreed in 6N15606
- This document provides the proposed responses from IEEE 802 to all comments by China NB on the pre-ballots.

## China NB comment 1 on IEEE 802.1BA-2011

### China NB comment 1 on IEEE 802.1BA-2011

- *Figure 5-1 and Figure 5-2 describe AVB networks. In the real network application, MIB is necessary for reading information to build the topology and form a network management. However, it is difficult for engineers to use since the whole text has not organized these MIBs that are relevant and scattered in other standards.*
- *Proposed change: Recommend organizing these MIBs that are relevant and scattered in other standards in the text.*

### Proposed IEEE 802 response to CN.1 on IEEE 802.1BA-2011

- The scope of IEEE 802.1BA-2011 is defining and documenting profiles for use in AVB systems. It is the nature of a profile that it documents particular sets of choices that are to be made from optional features offered in other standards. The suggested work on organization of MIBs would, we believe, fall outside the scope of this standard.

## China NB comment 2 on IEEE 802.1BA-2011

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- *In the field of Ethernet audio and video transfer, there are also Dante, CobraNet and EtherSound. There is no description about relationship and compatibility between AVB system and these protocols in the whole text.*
- *Proposed change : Recommend adding the description about relationship and compatibility between AVB system and these protocols in the text.*

### Proposed IEEE 802 response to CN.2 on IEEE 802.1BA-2011

- There is no relationship or compatibility between the IEEE 802.1 AVB standards and Dante, CobraNet, or EtherSound; therefore, describing such relationship and compatibility in the text would be problematic.

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## China NB comment 1 on IEEE 802.1BR-2012

### China NB comment 1 on IEEE 802.1BR-2012

- *IEEE 802.1BR specifies Bridge Port Extension without any definition of VM Discovery Protocol and VM Perceive Mechanism for network.*
- *Proposed change: Recommend adding the definition of VM Discovery Protocol and VM Perceive Mechanism for network in the text.*

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## **China NB comment 1 on IEEE 802.1BR-2012 (continued)**

### **Proposed IEEE 802 response to CN.1 on IEEE 802.1BR-2012**

- The VSI Discovery Protocol (VDP) defined in IEEE 802.1Q-2014 Clause 41 applies to all bridges including those using IEEE 802.1BR Bridge Port Extension. That provides the protocol for discovering and associating the Virtual Station Interface (VSI) of a virtual device such as a VM connected to a physical bridge port.