

802.5: Token Ring Committee

Opening Plenary Presentation

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Active Projects

- *High Speed Token Ring (HSTR)*
 - *802.5t (100 Mbit/s HSTR)*
 - *LMSC ballot passed with 196 comments*
 - *802.5v (1000 Mbit/s HSTR)*
- *Token Ring maintenance*
 - *802.5w (Errata)*

New 802.5 PARs

- *Source Routing for VLANs*
- *Link Aggregation*
- *IEEE 802.5 Revision*

Source Routing for VLANs

- *802.1Q defines Virtual Bridged LANs*
- *Source Route forwarding rules for VLANs are not specifically defined*
- *802.5 intends to address this*
- *Joint voting with 802.1*

Link Aggregation

- *802.3 is defining a link aggregation architecture and protocol*
 - *Generic and extensible*
- *802.5 intends to build on this work to enable technology re-use*
- *Need to consider token ring specific issues such as LACP representation on token ring media*

IEEE 802.5 Revision

■ *Scope*

- *To create a single ISO/IEC Token Ring standard, by performing a technical merge and clarification of ISO/IEC 8802-5:1998 and its amendments.*

■ *Purpose*

- *To provide a single cohesive document describing the various capabilities and options for Token Ring as defined within the family of IEEE 802.5 Standards.*

Proposed New Study Groups

■ *Enhanced Source Routing*

- *Improve rediscovery performance after route failure*
- *Consider source route re-writing in switches*
- *Consider any other source routing enhancements*

Meeting Goals

- *HSTR*
 - *Review comments against 802.5t LMSC ballot and prepare disposition*
 - *Continue gigabit technical discussions*
- *Submit PAR and 5 criteria for proposed new projects*
- *Establish new study group*
- *IEEE 8802-5:1998/Amd. 1:1998 published*

Officers

■ *Chair*

- *Robert D. Love (rdlove@us.ibm.com)*

■ *Vice-chair*

- *John Messenger (John.Messenger@8025.org)*

■ *Recording Secretary and Web Master*

- *Neil Jarvis (njarvis@madge.com)*

E-Mail and WWW

■ *802.5 E-Mail Reflector*

- stds-802-5@mail.ieee.org for messages
- majordomo@majordomo.ieee.org for subscription
 - subscribe stds-802-5 <your e-mail address>
 - unsubscribe stds-802-5 <your e-mail address>

■ *802.5 Web Site*

- <http://grouper.ieee.org/groups/802/5/>
which links to
- <http://www.8025.org/>