Session 8

Performance and security aspects

➢ Four presentations were given in Session 8

➢ A general issue: individual or specific solutions have been deployed for the private networks or internally to domains, but solutions are more complicated for inter-domain situations, and need more work. Such a concern and work is also needed in the case for public Internet communications.

➢ During sessions, mainly on users requirements, the need of solutions for authentication, priority, QoS and Security was expressed. The presentations given under session 8 did not give a complete answer to these concerns, but identified some ways to progress for TDR.

➢ The relationships between security/priority/authentication on one hand, and between security and QoS on the other hand appeared to be important.

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QoS for TDR (J.Y. Monfort)

➢ QoS shall be end-to end and for the users' benefits.

➢ No generic solution for TDR, but adaptations could be provided for Emergency and disaster relief , by deriving existing of future metrics. QoS Classes could be adapted to the users requirements, and appropriate signalling defined. Some first results have already been obtained under SG 11.

➢ During the Workshop it appears that the QoS should be applied for all types of services, and not only on voice. The requirements expressed by the users during sessions 1 and 2 should help to define the appropriate "metrics and limits".

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Authentication of TDR users   (I. Brown)

- Mechanisms for authentication of TDR users have been presented.
- Blocking points (or problems difficult to be solved) have been identified for inter-domain situations, but it appears that these problems may be difficult (at least long) to solve. (IETF and ISP)
- What could be an intermediate solution? The issue should have to be solved in TDR project.

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Security protection of TDR (H. Ohno)

➢ A practical application has been presented for IAA ("I Am Alive").

➢ Collaboration/standards are needed (Q.10/17 QI/16, Security and TDR projects).

➢ Collaborations have started with UNHR and FCR. This workshop could be a good opportunity to increase the collaborations with NGOs.

➢ The process used for IAA could be extended to other applications.

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TDR Service Management interfaces   (H. Folts)

➢ Draft M.3350 has been presented. It is a very useful starting point; even some concerns have been expressed, mainly from the regulatory point of view.

➢ The aim is to manage TDR across X-interface in real time to support disaster relief operations.

➢ Facilities and the services provided (as reports, alerts,..) are described and will be a good basis to progress on TDR work

➢ Here also the problem of the interdomain/international has been raised, and also the issue of using in the public networks.

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