
Question: 11/13 Geneva, 3-12 February 2004

TEMPORARY DOCUMENT**Source:** Q.11/13 Rapporteur**Title:** Questionnaire in the area of Layer 1 VPN services**Abstract**

Q.11/13 has developed up to now two documents on L1 VPN services :

- Y.1312 Recommendation (Layer 1 Virtual Private Network generic requirements and architectures), approved in September 2003
- Y.1313 (Formerly Y.11vpnarch) draft Recommendation (Layer 1 Virtual Private Network service and network architectures), consented at this SG 13 Geneva meeting (TD 19 (PLEN))

According to past discussions among Q.11/13 participants involved in this work, it was common view that Q.11/13 work would benefit from larger community input on this new area of services.

Q.11/13 discussion at this meeting has confirmed that view and the distribution of a Questionnaire in the area of L1 VPN services was approved : main objectives of such Questionnaire are the evaluation of community interest in this new service area and collection of input for the assessment of priorities and directions of future work.

ITU-T TSB has setup an ad-hoc email address to be used for receiving input on this topic: input should be sent to 11vpn@itu.int . TSB has setup appropriate rules to carefully manage the information (public access for sending, limited and restricted access to TSB and SG 13 management for reading).

Summarized input by the Q.11/13 Rapporteur will be provided to Q.11/13 participants in future meeting(s) and made also publicly available in appropriate way.

The agreed Questionnaire text follows.

NOTE : This document is attached to the liaisons from this SG 13 meeting to SG 15, IETF, OIF and TMF.

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Questionnaire on L1 VPN services

Goals of the Questionnaire: to estimate the level of interest and to receive indications by the community on priorities and directions of future work in the L1 VPN services area.

Source: Q.11/13, with approval by SG 13

To: SG 15, OIF, IETF, TMF

For : reply by interested parties to l1vpn@itu.int not later than 11 June 2004

Attached documents: approved Y.1312 and consented Y.11vpnarch

- 1) Which is your general view of a L1 VPN service ?
 - 2) Service scenarios :
 - Which are the most interesting L1 VPN service scenarios in your view ?
 - Which scenarios will you deploy for your own customers in some future ? Which scenarios will you want to obtain yourself from another provider ? And with which priority ?
 - Any other comment ?
 - 3) Service requirements :
 - Which are your key requirements?
 - Which requirements are important to you as a provider of L1 VPNs ?
As a customer of L1 VPNs ?
 - Any other comment ?
 - 4) L1 VPN network architectures :
 - Which are the key architectural aspects in your view ?
 - Which architectures are suited for which service scenarios ?
 - What constraints does your Present Mode of Operation (PMO) put on the deployment of L1 VPN architectures ? What constraints will still be applicable on any Future Mode of Operation (FMO) that you are planning ?
 - 5) Which are your drivers in your future deployment of L1 VPN services (if you think to deploy them) ? Why ?
 - 6) Which are the major issues you see, if any, in your future deployment of L1 VPN services (if you think to deploy them) ? Why ?
 - 7) Which are in your view the work items in the L1 VPN area that standardisation should progress ? Why and with which target ? And which are the items with highest priority ?
 - 8) Do you believe these L1 VPN services will be deployed with some level of integration with other services (including L2 and L3 VPNs) ? Where should the emphasis on VPN standards commonality be put, assuming VPN service integration is desirable: architecture, system management (provisioning, policy management, etc.), layer management (fault, performance, etc.), control plane, protocols, etc. ? Any other suggestion and comment on these integrated service scenarios ?
 - 9) Do you believe useful to develop documents describing detailed implementation specifications of (some) service scenarios ? What should these documents contain ?
 - 10) Are you willing to share any practical experience you may have had on L1 VPNs ?
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