



ADSL Service Verification During Installation and Commissioning

One of the key application areas of ADSL technology is the support of the Internet service.



Application Note ANATNG-6

xDSL



VERIFICATION DURING INSTALLATION AND COMMISSIONING

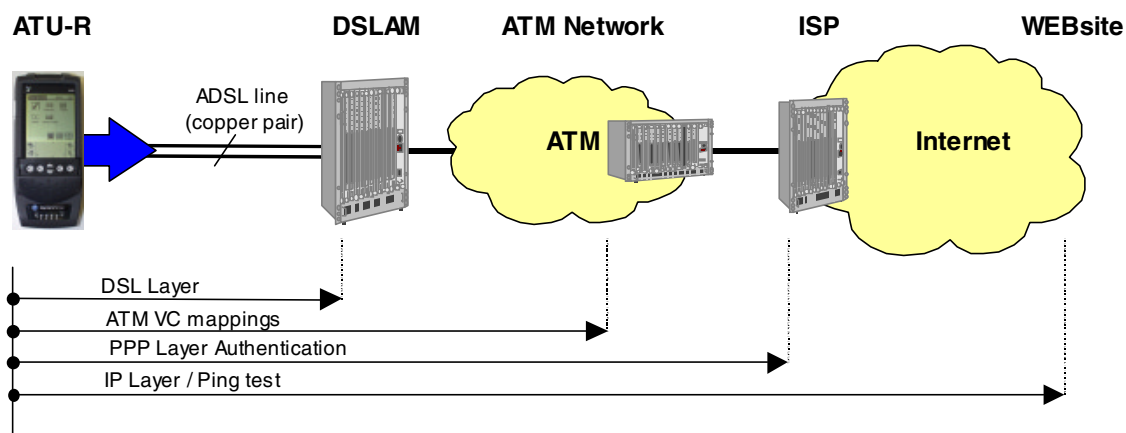
Introduction

One of the key application areas of ADSL technology is the support of the Internet service.

The use of this high-speed service requires not only the ADSL connection between the customer equipment and the DSLAM - it also depends on the higher layers to establish the connection to the endpoint website.

Therefore it is essential in the installation and commissioning phase of ADSL deployment to verify the complete ADSL service in one go, ensuring that the link that is offered to the end user provides connectivity through the network.

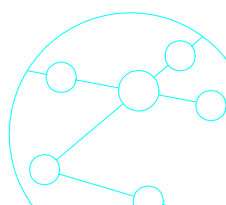
Any mismatch in the configuration of the ATM layer or the PPP layer can be identified immediately.



Aurora Tango enables the user to test the complete ADSL service with a single key press. This includes testing of ADSL layer synchronisation and verification of the transmission parameters and then the establishment of the higher layers and a Ping test to the end point.

Aurora Tango supports following features:

- Termination of the ADSL system at customer site
- Provision of PPPoE, PPPoA and Bridged connections
- User authentication PAP and CHAP
- Dynamic and static IP address allocation
- IP Ping capability
- Provision of Link Status Information
- Test report generation





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