

Source: Nortel Networks  
Subject: GPRS Phase 2  
Title: Definition of Reserved Service Labels  
Purpose: Information

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Access to a GGSN offering a particular service (i.e. MobileIP or DHCP) can be achieved using the existing DNS resolution of APNs. This mechanism does not require product enhancements or prior operator agreement.

As an alternative, the concept of the Reserved Service Label has been introduced, which may be used in conjunction with the APN to identify a requested service. For this concept to work it is essential for operators to agree on a label and the service associated with the label. Subsequently, an MS may request a service using a Reserved Service Label and the core network shall determine the most appropriate GGSN to provide the service. However, it will continue to be a requirement to support DNS resolution of APNs for the case where there is no prior operator agreement.

The above options are not explicitly stated in the proposed change request against TS 23.003 (Tdoc N2-99J76) and therefore a new change request has been drafted (Tdoc NP-99xxx).