



IPv6 Support on Qualcomm Platforms

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October 23, 2009

QUALCOMM Proprietary

IPv6 Support

- ***Available on Modem Data Software for QCT Chipsets***
 - Mobile Station Modem, Snapdragon, Gobi
 - Enabled on a case by case basis
- ***Dual stack IPv4 and IPv6***
 - Multiple IPv6 and multiple IPv4 addresses
 - Simultaneous IPv4 and IPv6 sessions
- ***IPv6***
 - Neighbor Discovery for IPv6
 - Internet Control Message Protocol (ICMPv6) for IPv6
 - IPv6 Stateless Address Autoconfiguration (SLAAC)
 - Stateless Dynamic Host Configuration Protocol for IPv6 (DHCPv6)
 - Privacy Extensions for Stateless Address Auto-configuration for IPv6
 - IPv6 over PPP
 - Basic socket interface for IPv6
 - IPv6 features defined in 3GPP TS 23.060
- ***IPsec***
 - Encapsulating Security Payload (ESP)

- ***Mobility support:***
 - Standard compliant Mobile IPv6
 - Standard compliant Mobile IPv6 security, IPsec/IKEv2 based
 - Integrated Mobile IPv6 Bootstrapping, DHCPv6 based