

Internet Protocol Version 6 (IPv6) Profile for Mobile Devices

draft-ietf-v6ops-mobile-device-profile

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A Gap to be filled

- A few IPv6 implementations available (yet)
- ... some of them are broken
- Several SDOs involved in this area ...
- ... no IPv6 cellular host internet access profile available yet
- ... IPv6 (only) transition requirements not clear

Operators initiated effort to ...

- **List** all necessary features a cellular device is to be compliant with to connect to an IPv6-only or dual-stack mobile network **in a single document**
- **Help Operators** as a cellular host requirements baseline
- Ease Operators requirements **alignment**
- **Help Vendors** as a set of features required to enable IPv6 connectivity and IPv4 service continuity over IPv6
- Encourage IPv6 support and implementation consistency

Special Language

- A disclaimer was added to the document

1.3. Special Language

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119 [RFC2119].

This document is not a standard. It uses the normative keywords only for precision.

Next Steps

- Section 1.1 already positions this effort vs. I-D.ietf-v6ops-rfc3316bis
 - text can be worked on as required
- Consolidate the requirements list
- Any guidance from the WG?