



## Product Datasheet

# Diameter Mobile IP Server – Version 2.0

## HIGHLIGHTS

***Diameter represents the next generation of authentication, authorization, and accounting controls for network access, optimized for mobile access and advanced services.***

Diameter was specifically designed to meet the requirements of the IETF and TIA for CDMA2000, 3GPP2, Mobile IPv4 and IPv6 Authentication, Authorization, and Accounting (AAA) requirements.

The Diameter Server provides OEMs, system integrators, and mobile carriers with a resource for designing, implementing, and advancing the deployment of the Diameter protocol for next generation mobile IP networks.

## DESCRIPTION

The Interlink Networks Diameter Server Version 2.0 supports the Diameter base protocol and Mobile IPv4 application. It provides AAA support for third generation (3G) cellular and Mobile IP data services. It does not provide dial-in access support for RADIUS or Diameter Network Access Servers (NASREQ).

## FEATURES

The Diameter Mobile IP Version 2.0 is based on the following Diameter IETF documents:

- *Diameter Base Protocol, RFC 3588*
- *Diameter Mobile IP Application, draft-ietf-aaa-diameter-mobileip-14*
- *Authentication, Authorization and Accounting (AAA) Transport Profile, RFC 3539*
- *Mobile IPv4 Extension for AAA Network Access Identifiers, draft-ietf-mip4-aaa-nai-00*
- *AAA Registration Keys for Mobile IP, draft-ietf-mip4-aaa-key-00*

The Diameter Mobile IP package includes the following tools:

### **Server Manager**

A web based Server Manager, with the look and feel of Interlink Network's RAD-Series RADIUS Server Manager, provides server status, configuration and administration functions, and display and termination of active sessions.

(These functions are also accomplished with the included *diamrecord* and *diamsesstab* tools).

### **Diamsesstab**

The *diamsesstab* utility reads Diameter session checkpoint (or session history) files and prints out selected session information to standard output, or to a specific file.

## ***Diamrecord***

The diamrecord utility reads Interlink Networks (Merit-style) server session log files and prints out specific session information to standard output.

## **SYSTEM REQUIREMENTS**

- Memory 128 MB RAM (recommended)
- Hard Drive 60 MB for installation
- Additional disk space will be required depending on the amount of local logging

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To learn more on Interlink Networks' Diameter Mobile IP Server, please contact us at:

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