



## Diameter

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Diameter 2.2.3  
June 21, 2020

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## 1.4 Standards Compliance

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2.2	Securing Diameter Messages	PC	DTLS is not supported by diameter_sctp(3). See also 2.1.
2.3	Diameter Application Compliance	—	
2.4	Application Identifiers	C	The user configures diameter with the identifiers to send at capabilities exchange, along with corresponding dictionaries defining the messages of the applications.
2.5	Connections vs. Sessions	C	Connections are realized by configuring transport. Sessions are the responsibility of the user.
2.6	Peer Table	PC	Routing is implemented by the user in callbacks documented in diameter_app(3). A peer table of the documented form is not exposed to the user.
2.7	Routing Table	PC	See 2.6. A routing table of the documented form is not exposed to the user.
2.8	Role of Diameter Agents	C	Most role-specific behaviour is implemented by the user. How a node advertises itself at capabilities exchange is determined by user configuration.
2.8.1	Relay Agents	C	
2.8.2	Proxy Agents	C	
2.8.3	Redirect Agents	C	
2.8.4	Translation Agents	C	
2.9	Diameter Path Authorization	—	Authorization is the responsibility of the user.























# 2 Reference Manual

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The Diameter application is a framework for building applications on top of the Diameter protocol.



































































`encode(Mod, Msg) -> Pkt`

Types:

```
Mod = dictionary()  
Msg = message() | packet()  
Pkt = packet()
```

Encode a Diameter message.

## SEE ALSO

`diameterc(1)`, `diameter_app(3)`, `diameter_dict(4)`, `diameter_make(3)`































