WHAT IS DIAMETER?

Diameter is a planned replacement of RADIUS. It is an AAA protocol for applications such as network access and IP mobility. Listed below are a few points that you need to know about Diameter:

- It is intended to work in both local and roaming AAA situations.

- Diameter is just twice the predecessor protocol Radius.

- It uses TCP or SCTP and not UDP.

- It uses transport level security $IPSECorTLS$.

- It has 32 bit identifier instead of 8 bit.

- It supports stateless as well as stateful mode.

- It supports application layer acknowledgement, define failover.

- It offers better roaming support.

- It uses AVPs.

- Diameter allows to define new commands and attributes. It is easy to extend.

What is Next?

Now you have a basic understanding of Radius and Diameter. To gain more knowledge about these protocols, you need to go through various RFCs and other resources mentioned in the Resources section.

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