**Kerberos authentication flow**

User(client) requesting Authentication server(AS) with user name, timestamp and password

AS validates and provide Ticket granting Ticket(TGT) with encrypted

Client sends TGT to Ticket granting service(TGS) to obtain **service ticket**

TGS validates and the provides service ticket to client with session key to the client.

Client uses service ticket to access the service.

It uses UDP by default.

It is an authentication open protocol.

**SESAME** uses role based distributed access control. Diameter uses tcp or sctp

Radius uses UDP on port 1812

TACACS+ uses TCP. Proprietary protocol by cisco