**FreeRADIUS** project, *the* open source implementation of RADIUS, an IETF(Internet Engineering Task Force) protocol for AAA ([Authorisation](https://networkradius.com/blog/security/authorization-authorized-personnel-only/index.html), [Authentication](https://networkradius.com/blog/security/authentication-is-it-really-you-part-1-of-our-3-part-series/index.html), and [Accounting](https://networkradius.com/blog/security/accounting-keeping-track-of-it-all-part-3-of-our-3-part-series/index.html)).

## The **FreeRADIUS** project maintains the following components:

* A multi-protocol policy server (radiusd) that implements RADIUS(Remote Authentication Dial-In User Service))
* DHCP(Dynamic Host Configuration Protocol )
* BFD(Bidirectional Forwarding Detection)
* and ARP(Address Resolution Protocol)
* A [BSD licensed RADIUS client library](https://freeradius.org/sub_projects/)
* A [RADIUS PAM](https://freeradius.org/sub_projects/) library
* And an [Apache RADIUS](https://freeradius.org/sub_projects/) module.

Authentication.

The server can authenticate users via simple methods (**PAP, CHAP, MS-CHAP, MS-CHAPv2, and SIP Digest**) and all common EAP types.

References

<https://freeradius.org/>