

FreeRADIUS

Message-Authenticator and Mikrotik

As of [RouterOS version 7.15 changelog](#), Mikrotik introduced the following two changes:

- *) radius - added "require-message-auth" option that requires "Message-Authenticator" in receive
- *) radius - include "Message-Authenticator" in any RADIUS communication messages besides account

When you upgrade from a previous version, currently Mikrotik sets the require-message-auth=yes instead of no. This means that if you're running FreeRADIUS, most likely you won't be able to login to your routers anymore using RADIUS authentication. I hope you know what the local credentials are!

It's taken much too long to learn how to get FreeRADIUS to add the Message-Authenticator attribute in response messages.

```
# Ubuntu 22.04 - /etc/freeradius/3.0/mods-config/files/authorize
# Add the following to the end of the file, and make sure you're not breaking anything else in
the process
DEFAULT
    Message-Authenticator = 0
```

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