Security

1. ## Deauthentication Attacks

   - No proper way to secure against it.
   - Can't prevent clients from sending deatuh frames.

   Solution:

   - Switch to 802.11w.
   - Uses protected management frames.
   - Can detect and prevent deauth attack.

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2. Hidden Networks

- Only SSID is hidden.
- Network Has to broadcast its existence.
- ESSID can be easily discovered.

Solution:

- Do not use this as a security precaution.

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3. Mac Filtering

- Relies on Mac Address.
- Mac address can be changed easily.
- Therefore it is not secure.

Solution:

- Do not use Mac Filtering.
- Use WPA/WPA2 Enterprise instead.

Security

Summary

1. Switch to 802.11w.

2. Hiding network will not secure network from hackers.

3. Do not rely on MAC for access control.