IP Hijacking is when Internet traffic is misdirected to a malicious destination. This can be done by hacking into networks or altering routing tables.

**The Mechanic**

1. **BGP Hijack**: This involves manipulating the Border Gateway Protocol (BGP) to change network routes.
2. **IP Hijack**: This involves changing IP addresses to redirect traffic.
3. **DDoS Hijack**: This involves using hijacked IP addresses to launch Distributed Denial of Service (DDoS) attacks.

**Follow-Up Attacks**

Organizations can monitor their DNS and alert on unauthorized changes, ensuring better defense.

**MITIGATE THE RISKS**

- Use different name servers
- Use a new mail exchange
- Use a new IP address
- Start using IPv6 or DNSSEC
- Monitor DNS changes

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