

5.B. Use SMAC for MAC Spoofing

Aim

To change (spoof) the MAC address of a network interface using **SMAC** tool.

Tools / Software Used

- SMAC Tool
 - Windows Operating System
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Theory

MAC spoofing is a technique used to change the Media Access Control (MAC) address of a network device. It is used to bypass MAC-based access control and enhance privacy.

Steps / Procedure

1. Start the Windows system.
 2. Open **SMAC** tool.
 3. Select the active network adapter.
 4. Enter a new MAC address manually or generate a random MAC.
 5. Click on **Update MAC**.
 6. Disable and re-enable the network adapter.
 7. Verify the changed MAC address.
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Result

The MAC address of the network adapter was successfully changed using SMAC.