

## **5.B. Use SMAC for MAC Spoofing**

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### **Aim**

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

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### **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.

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### **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.