



Automobile Hacking and Security

Find vulnerabilities loopholes and security threats in your own vehicle

1.0v

Implementation of CAN Protocol

CAN is a set of rules for transmitting and receiving information in a network of ECUs

Every electronic device (**Node**) is connected on CAN via common logical BUS known as **CAN-BUS**

It defines how data is broadcast and transferred from one node to another on CAN network

Implementation of CAN Protocol

Node A

Node B



Implementation of CAN Protocol

CAN network consist of several nodes which transmit data on CAN-BUS

All nodes have ECU, ECU is responsible for the function of node and transition of data for CAN-BUS

Every node in CAN protocol has the access for read/write operation, so it checks the bus status and send data accordingly

Implementation of CAN Protocol

How data frame is constructed, and send over the CAN-BUS?