

Data tampering

Winter Training Project by Ankur Karmakar

What is data tampering?

Data tampering is that act of deliberately modifying (destroying, manipulating or editing) data through unauthorized channels. Data exists in two states; in transit or at rest. In both instances, data could be intercepted and tampered with. Digital communications are all about data transmission.

Where is it used?

It is used in the instances where data packets are transmitted unprotected, a hacker can intercept the data packet, modify its contents and change its destination address. With data at rest, a system application can suffer a security breach and an unauthorized intruder could deploy malicious code that corrupts the data or underlying programming code. In both instances the intrusion is malicious and the effects on the data always dire. It is one of the biggest security threats that can face any application program or organization.

Tools required:

- BurpSuite - for intercepting the data packets and modifying them
- Web Browser with manual proxy enabled for BurpSuite to work

Thank You