**Land Attack**

**(Local Area Network Denial Attack)**

**Description 1**

The attacker sends a spoofed TCP packet to the victim machine where the values of source and destination IP addresses are the same. When the victim machine receives such a packet, it communicates to itself continuously until the machine crashes. [1]

**Description 2**

In a DoS land (Local Area Network Denial) attack, the attacker sends a TCP SYN spoofed packet where source and destination IPs and ports are set to be identical. When the target machine tries to reply, it enters a loop, repeatedly sending replies to itself which eventually causes the victim machine to crash. [2]

**Description 3**

A LAND (Local Area Network Denial) attack is a DoS (Denial of Service) attack that consists of sending a special poison spoofed packet to a computer, causing it to lock up. The attack involves sending a spoofed TCP SYN packet (connection initiation) with the target host's IP address to an open port as both source and destination. This causes the machine to reply to itself continuously. It is, however, distinct from the TCP SYN Flood vulnerability. [3]

**Reference**

**[1]** [**http://insecure.org/sploits/land.ip.DOS.html**](http://insecure.org/sploits/land.ip.DOS.html)

**[2]** [**https://security.radware.com/ddos-knowledge-center/ddospedia/land-attack/**](https://security.radware.com/ddos-knowledge-center/ddospedia/land-attack/)

**[3] https://en.wikipedia.org/wiki/LAND**