Can someone break a system so valid users are unable to use it? Denial of service attacks work by flooding, wiping or otherwise breaking a particular service or system.

An example of denial of service is where a Web server has been made temporarily unavailable or unusable with a flood of traffic generated by a botnet.

KEY CONCEPTS:
- Availability
- Botnets
- DDoS
- Content delivery network
Flooding of network traffic
• Failure to apply network isolation to a service which does not need to be on the internet
• Exposure of unnecessary services to the Internet
• Fails to filter network flooding attacks at OSI network layers 2 or 3
• Failure to use a CDN (for example Fastly, Cloudflare or AWS CloudFront)
• System was not designed to meet current traffic demands

Scripted application attacks
• Lack of rate limiting in Internet facing user interfaces

Operational concerns
• Lack of logging to determine source of flooding
• Lack response plans to block traffic from a particular source
• Lack of response plan to report issue to upstream infrastructure suppliers

And what else?