Sol 2. Firewalls are used in operating systems to prevent uninvited network traffic.

In protecting private information, a finewall is considered a feel fort line of defence. Forewalls are generally designed to protect network itraffic and connections and therefore do not attempt to authenticate individual users when determining who can access a particular compliter or network.

we can implement a forewall in either hardware or software form, or a combination of both. All messages entering or leaving the intranet (a local network to which you are connected) must pass the through the firewall, which examines each message and blocks those that do not meet the specified security criteria.

section or feedback section of any webpage.

XSS stands for Cross Site Scripting.

XSS attacks enable attackers to inject client-side scripts into web pages viewed by other users. A cross-sed site scripting vulnerability may be used by attackers to bypass access controls such as the same-origin policy. Cuoss-site scripting carried out on websites accounted for roughly 84% of all security vulnerabilities documented by symantic up until 2007. XSS effects vory in crange of from petty naisance to significant security risk, depending on the sensitivity of the data and the nature of any security mitigation implemented by the site's owner network.

in question, it is an attack (MITM) uses the description given in question, it is an attack where the attacker very relays and possibly afters the communications between who believe that they are directly communicating with each other.

A MITM attack can succeed only when the attacker impersonates each endpoint sufficiently well to satisfy their expectations.

Most cryptographic protocols include some form of endpoint authentication specially to prevent MITM attacks.

- \$ 4. Name of the Postal > SACHET (An SLCC initiative)
  official link > sachet. spi. org. in
- So Portching prevent ransomwave and malwave attacks completely. Every time, you update your softwave, we will include the latest security patches and maximise sansomwave prevention.

  The particular piece of malwave focused on a vulnerability found in the server Message Block (SMB) protocol used in almost ever every windows system. Those Jacking a system for windows patch management faced data was due to permanently encrypted files.