

There are three components of network security hardware, software and cloud services.

Hardware appliances are servers or devices that perform certain security functions within the networking environment.

- (i) Application security.
- (ii) Data loss prevention.
- (iii) Email security.
- (iv) Behavioral analytics.

≠ Firewall security:

A firewall is a network security system that monitors and controls incoming and outgoing network traffic based on predetermined security rules.

- # Type of firewall security.
- Packet filtering firewall.
  - Circuit level gateway.
  - Stateful inspection firewalls.
  - Application-level gateway.