Cyber Security or IT Information technology

Propose

1. application technology
2. Network Programs -----------------🡪protocols
3. Device data security --------------🡪
4. Attacks------🡪virus , malware, trozen , Hackers, honeycomb, ransomeware .

Need of cyber security :-

IT companies – demand bohut hai

1. Data security – offline data – private and safe .
2. Network protection – jo bhi data share ko share karna online method se
3. Computer protection – IP address / mac address

mac address – 2fs5q79d169dgh1t76sv168g1sdfg 1koewifhiubf6wqpuuuvdf8.155.7.46

Ip address – there are two types – dynamic and static

Dynmic – always been changes.

Static – never change ip address

Security principal - When desgining a secure system or a secure structure is know as security principal .

Normal - Cyper text – normal text

Password – Ayushi@123

A \*\*\*\*\*\*\*\*\*3 ------🡪Brute force ------------🡪 getHup file -> coded -> decode

Authentication

Confidentaily

Integrity

Open design

Authentication :-