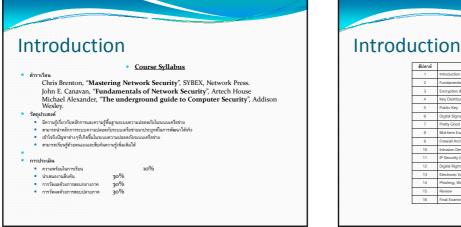
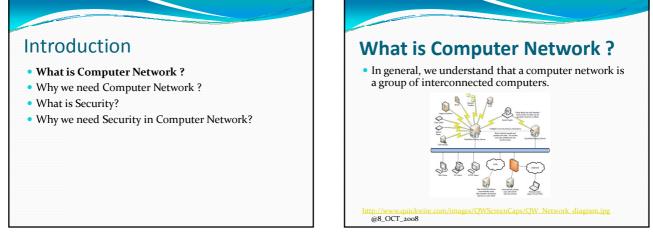


Introduction

- Welcome to CN318 Computer Network Security course.
- Please share the experience and background.

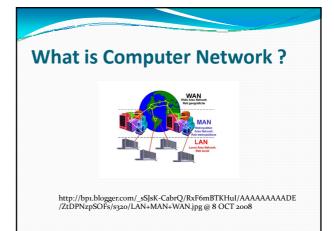


Britoucision to Computer Network Security P.1. Fundamental Security Concept P.1. Exception P.1. Exception P.1. Key Debituidion Center P.1. Dable Key P.1. Make Key P.1.
Encryption & Decryption A1: Key Distribution Center A1: Public Key A1: Digital Signature A1: Digital Signature A1: Perty Cood Privacy (PGP) A1: Mid-term Examination A1: Firewall Architecture A1: Instruction Delection System A1: Instruction Delection System A1:
Rey Distribution Center 9.5 Public Kay 9.5 Digital Signatur 8.5 Digital Signatur 8.5 Mich ern Examination 8.1 Ernaud Anzühnsture 8.5 Infrauen Detection System & Intrusion Protection System 8.5 Infrauen Detection System & Intrusion Protection System 8.1
Public Key A1. Digital Signature A2. Perty Good Phracy (PGP) A3. Mid-term Examination A1. Freesall Architecture A3. Intrusion Devices On System & Intrusion Protection System A1. I/ Security (IPSEC), VPN A1.
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Pretty Good Privacy (PGP) n1: Md Horm Examination n2: Firewall Architecture n1: Intrusion Detection System & Infrusion Protection System n2: IP Security (IPSEC), VPN n1:
Mid-term Examination P.1. Firewall Architecture P.1. Intrusion Detection System & Intrusion Protection System P.1. IP Security (IPSEC), VPN P.1.
Firewall Architecture P1: Intrusion Detection System & Intrusion Protection System P1: IP Security (IPSEC), VPN P1:
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Digital Right Management 87.1
Electronic Voting 82.
Phishing, Worm, Spyware, Botnet 97.
Review 92.
Final Examination 87.



What is Computer Network ? <u>Type of Networks</u> • Local Area Network (LAN) • Coverage in small area.

- Metropolitan Area Network (MAN)
 Interconnect between small group of networks
- Wide Area Network (WAN)
- Large scale coverage (e.g. City)
- Intranet
- Set of networks which in specific organizations and limited geographic.
 Extranet
 Networks in specific exercises but connect to the tweet
- Networks in specific organization but connect to the trust host/network across the external network.
 Internet
- Specific Internetwork which based on IP Protocol.



What is Computer Network ?

Hardware Components

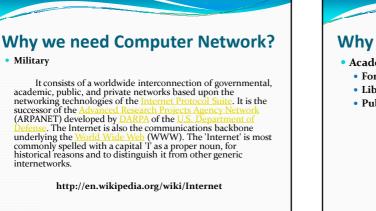
- Network Interface Cards (NIC)
- Repeaters
- Hubs
- SwitchRouters

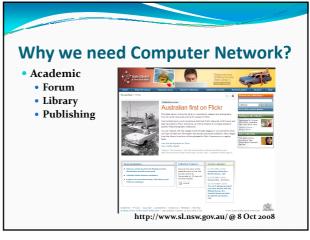


http://newsroom.cisco.com/images/Cisco_7604_Router.jpg

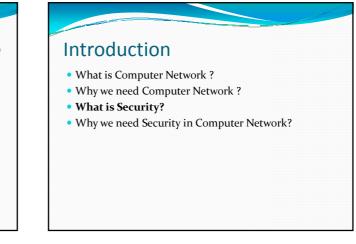
Introduction

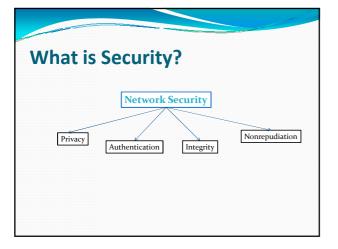
- What is Computer Network ?
- Why we need Computer Network ?
- What is Security?
- Why we need Security in Computer Network?

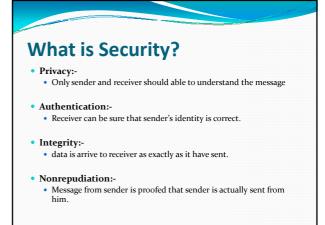




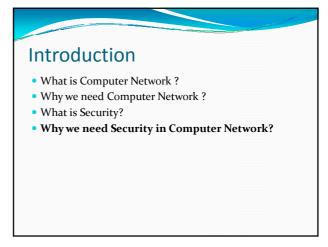
















- Further R&D, Technology and Application
 - Financial
 - Academic
 - Agriculture
 - etc.



