

IP Security

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- Have a range of application specific security mechanisms
 - ◆ eg. S/MIME, PGP, Kerberos, SSL/HTTPS
- However there are security concerns that cut across protocol layers
- Would like security implemented by the network for all applications

IPSec

- General IP Security mechanisms
- Provides
 - ◆ authentication
 - ◆ confidentiality
 - ◆ key management
- Applicable to use over LANs, across public & private WANs, & for the Internet