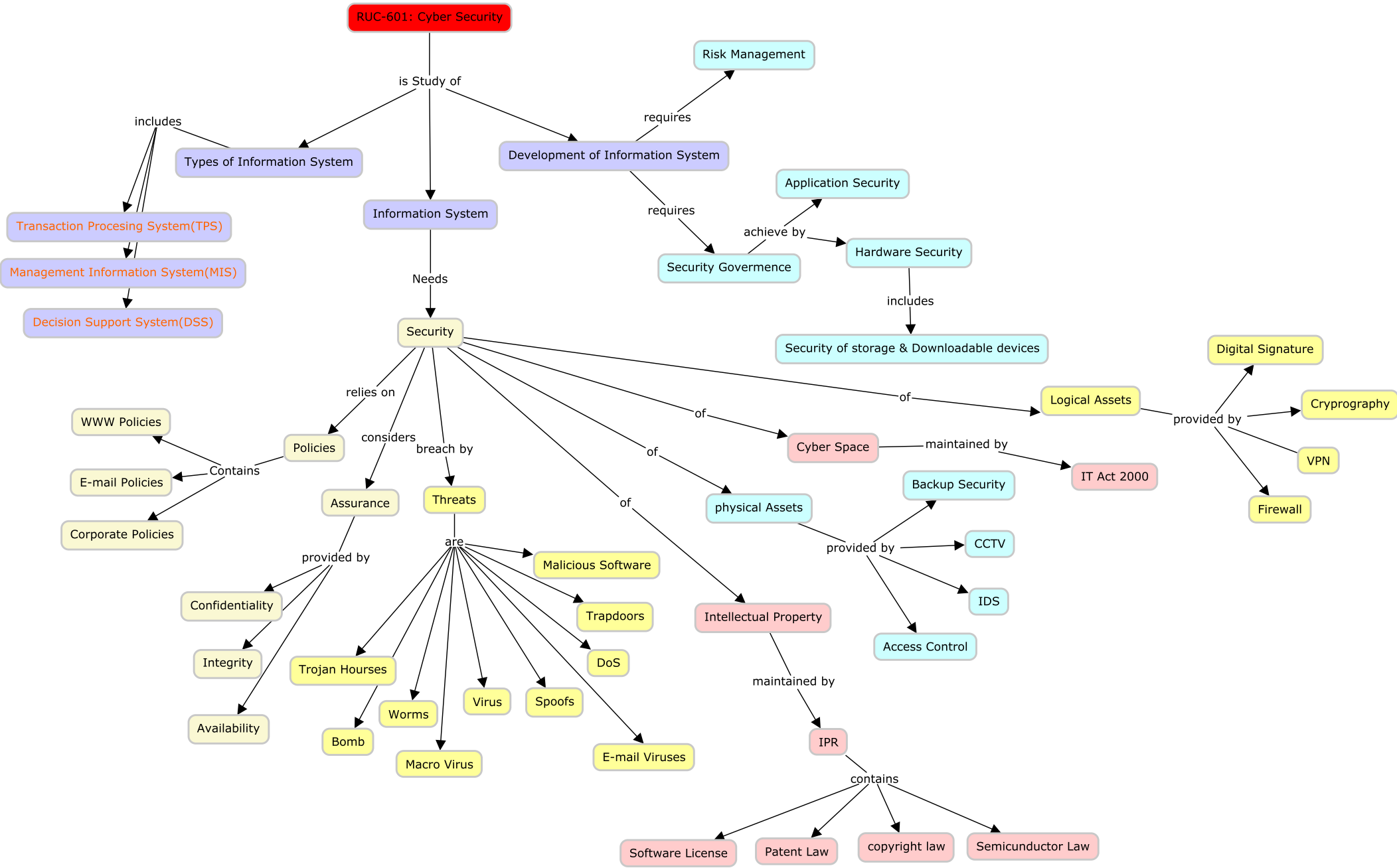
RUC-601: Cyber Security
is Study of
includes
Types of Information System
Transaction Procesing System(TPS)
Management Information System(MIS)
Decision Support System(DSS)
Information System
Needs
Security
Development of Information System
requires
Risk Management
requires
Security Govermence
achieve by
Application Security
Hardware Security
includes
Security of storage & Downloadable devices
relies on
Policies
Contains
WWW Policies
E-mail Policies
Corporate Policies
considers
Assurance
provided by
Confidentiality
Integrity
Availability
breach by
Threats
are
Malicious Software
Trapdoors
DoS
Spoofs
Virus
Worms
Trojan Hourses
Bomb
Macro Virus
E-mail Viruses
of
Logical Assets
provided by
Digital Signature
Cryprography
VPN
Firewall
of
Cyber Space
maintained by
IT Act 2000
of
physical Assets
provided by
Backup Security
CCTV
IDS
Access Control
of
Intellectual Property
maintained by
IPR
contains
Software License
Patent Law
copyright law
Semicunductor Law