



"Aku lebih menghargai
orang yang **BERADAB**
daripada **BERILMU**.

Kalau hanya berilmu
IBLIS pun lebih tinggi
ilmunya daripada
~~MALAIKAT~~ **MANUSIA."**

Syekh Abdul Qadir Al-Jailani

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

رَضِيتُ بِاللَّهِ رَبًّا وَبِالْإِسْلَامِ دِينًا وَبِمُحَمَّدٍ نَبِيًّا وَرَسُولًا
رَبِّي زِدْنِي عِلْمًا وَارْزُقْنِي فَهْمًا

*"Aku ridha Allah SWT sebagai Tuhanku, Islam sebagai agamaku,
dan Nabi Muhammad sebagai Nabi dan Rasul, Ya Allah,
tambahkanilah kepadaku ilmu dan berikanlah aku kefahaman"*

■ Kontrak Belajar

- Presensi kehadiran maksimal 15 menit. Jika lebih dari 15 menit, boleh masuk tapi status kehadiran Alpa.
- Tugas dan Kuis dikumpulkan sesuai deadline, jika melewati deadline maka nilai akan dikurangi.
- Selama di dalam kelas, dilarang menggunakan HP.

■ Komponen Penilaian

- Kuis (20%)
- Tugas (20%)
- Ujian Tengah Semester (25%)
- Ujian Akhir Semester (35%)

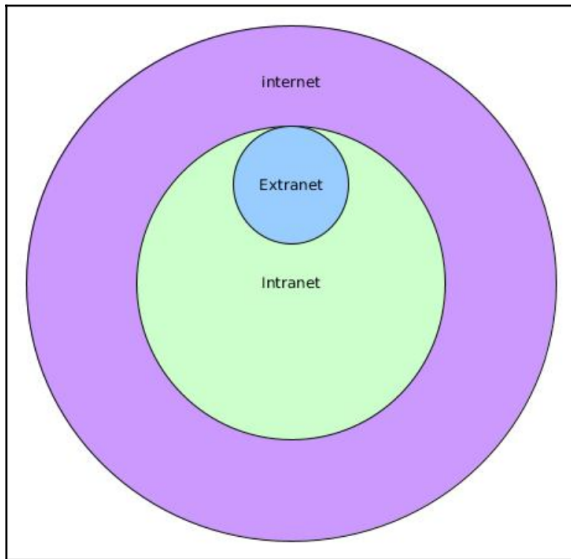
- 1 Perbedaan antara Internet, Intranet dan Ekstranet
- 2 Local Area Network
- 3 Wide Area Network
- 4 Wireless Networking
- 5 Topologi Jaringan
- 6 Switch
- 7 Router
- 8 Jenis Media
- 9 OSI Model
- 10 TCP/IP
- 11 IPv4
- 12 IPv6
- 13 Name Resolution
- 14 Network Service

- *Networking Fundamentals*, Gordon Davies, Packt Publishing, 2019
- *Networking Fundamentals*, Crystal Panek, John Wiley & Sons, Inc., 2020



- Understanding a network
- Understanding internet – internet or Internet
- Understanding intranets
- Understanding the extranets

Perbedaan antara Internet, Intranet dan Ekstranet





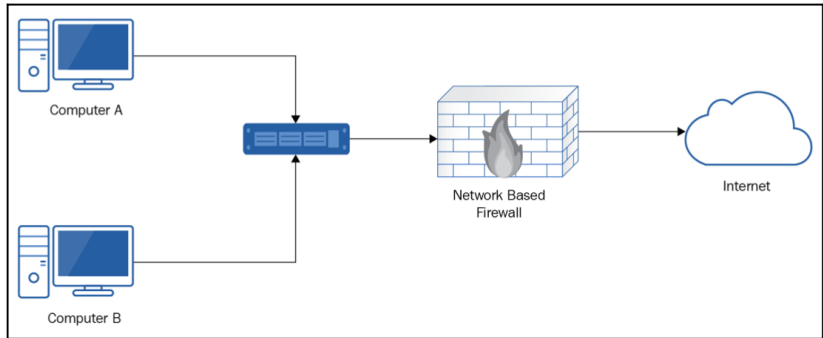
- Firewalls
- DMZ
- VPN

Basic Security Features (2)



Firewalls

a firewall is designed to either allow or deny network traffic based upon a set of defined criteria. These rules are often referred to as access control entries (ACEs), and a group of them form an access control list (ACL). These criteria could then be applied to outbound (or egress) traffic or inbound (or ingress) traffic.

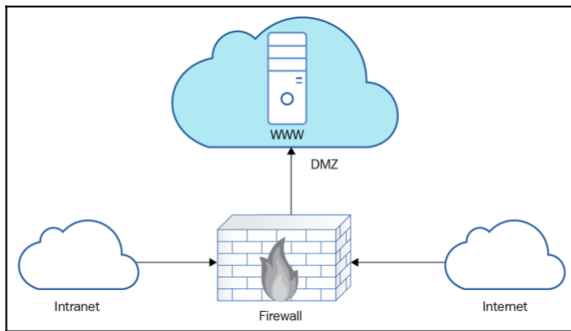


Basic Security Features (3)



DMZ (demilitarized zone)

A DMZ, or a perimeter network, is a means of allowing the public to access certain network services while still maintaining the security of your internal devices. Common services that would be placed in the DMZ include a web server and a Domain Name System (DNS) server.

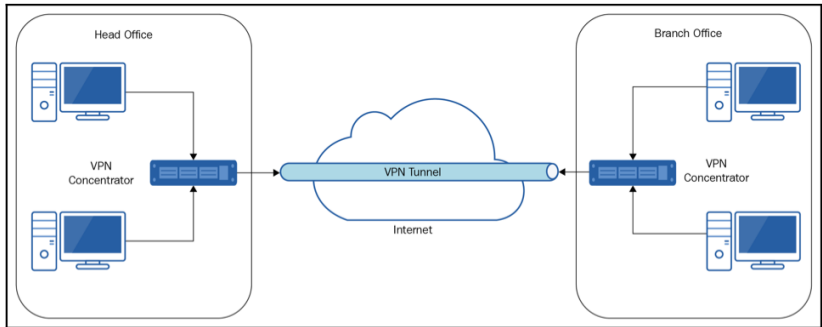


Basic Security Features (4)

VPNs (virtual private network)



A VPN can be defined as a means of transmitting private data securely from one network across an unsecured network to a third network.



Makanan yang sedap ada diruang tamu
Orang yang beradap sudah pasti berilmu

