HARDENING SERVER

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Manufacturer in Tangkil, West Java

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Feb 2019 - Now
PT. Futami Food & Bevereges - IT Support

Agt 2018 - Feb 2019
PT. Aplikanusa LINTASARTA - Project Engineer

Nov 2017 - Agt 2018
KOPERASI Simpan Pinjam Sejahtera Bersama - Network Engineer

Jul 2017 - Nov 2017
Kementrian Agama Jakarta - System Engineer

Jun 2016 - Jul 2017
PT Defender Nusa Semesta - Security Engineer

Mei 2015 - Jun 2016
PT. Futami Food & Bevereges - IT Support

Jun 2011 - Mei 2015
SMK WIKRAMA BOGOR - Maintenance & Repair

Systems hardening is a collection of tools, techniques, and best practices to reduce vulnerability in technology applications, systems, infrastructure, firmware, and other areas. The goal of systems hardening is to reduce security risk by eliminating potential attack vectors and condensing the system's attack surface. By removing superfluous programs, accounts functions, applications, ports, permissions, access, etc. attackers and malware have fewer opportunities to gain a foothold within your IT ecosystem.

Systems hardening demands a methodical approach to audit, identify, close, and control potential security vulnerabilities throughout your organization. There are several types of system hardening activities, including:

- Application hardening
- Operating system hardening
- Server hardening
- Database hardening
- Network hardening

Although the principles of system hardening are universal, specific tools and techniques do vary depending on the type of hardening you are carrying out. System hardening is needed throughout the lifecycle of technology, from initial installation, through configuration, maintenance, and support, to end-of-life decommissioning. Systems hardening is also a requirement of mandates such as PCI DSS and HIPAA.

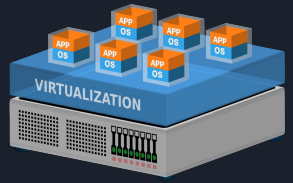
https://www.beyondtrust.com/resources/glossary/systems-hardening

Apa Itu Komputer Server?

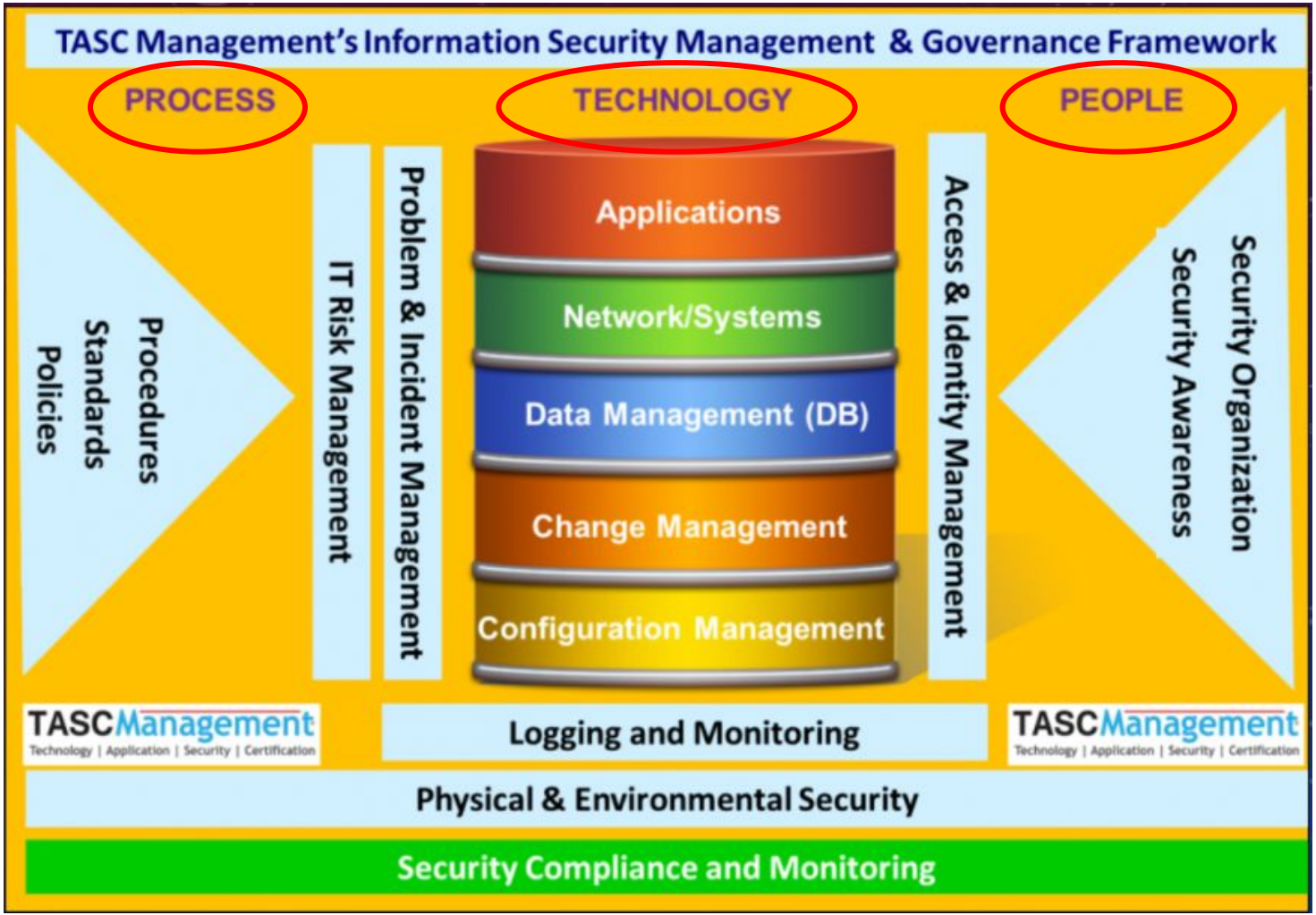
Di dalam suatu server atau jaringan terdapat dua jenis perangkat, yaitu komputer server dan komputer client. Nah, komputer server adalah perangkat yang digunakan untuk mengelola segala aktivitas yang terjadi di dalam jaringan tersebut.

Oleh karena itu, komputer ini memiliki berbagai fungsi, termasuk:

- Menyediakan database atau file yang dapat digunakan bersama-sama oleh komputer client;
- Melayani permintaan komputer client untuk menggunakan database atau file tersebut;
- Mengatur lalu lintas transfer data atau file yang diminta komputer client;
- Menyimpan data atau file yang dikirim oleh komputer client;
- Mengatur hak akses data atau file dalam sebuah jaringan;
- Melindungi komputer client dari malware dengan anti malware atau firewall.



https://www.niagahoster.co.id/blog/komputer-server/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IT Risk Management
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Applications
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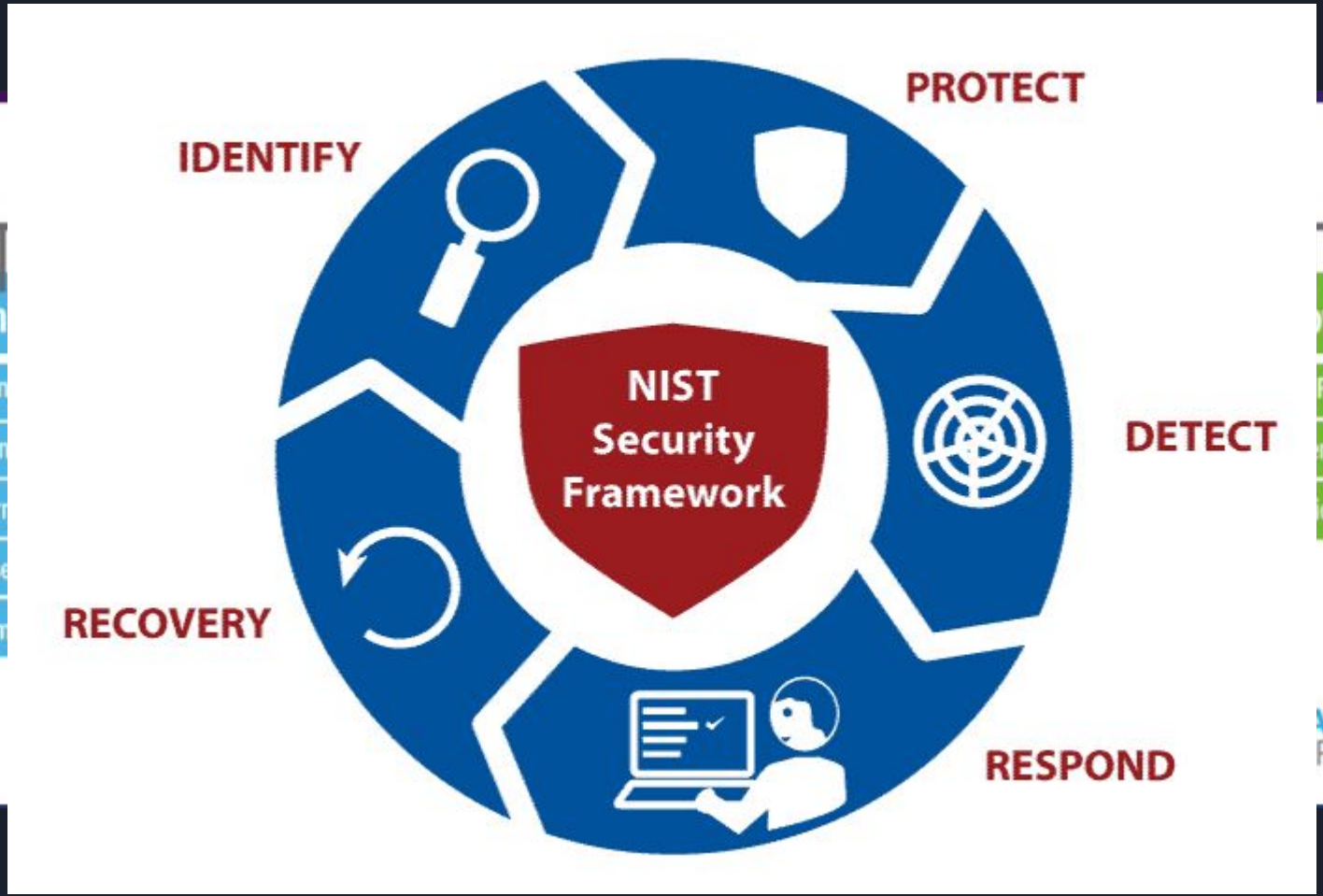
Configuration Management
Access & Identity Management
Security Awareness
Security Organization
TASCManagement
Technology | Application | Security | Certification
Logging and Monitoring
TASCManagement
Technology | Application | Security | Certification
Physical & Environmental Security
Security Compliance and Monitoring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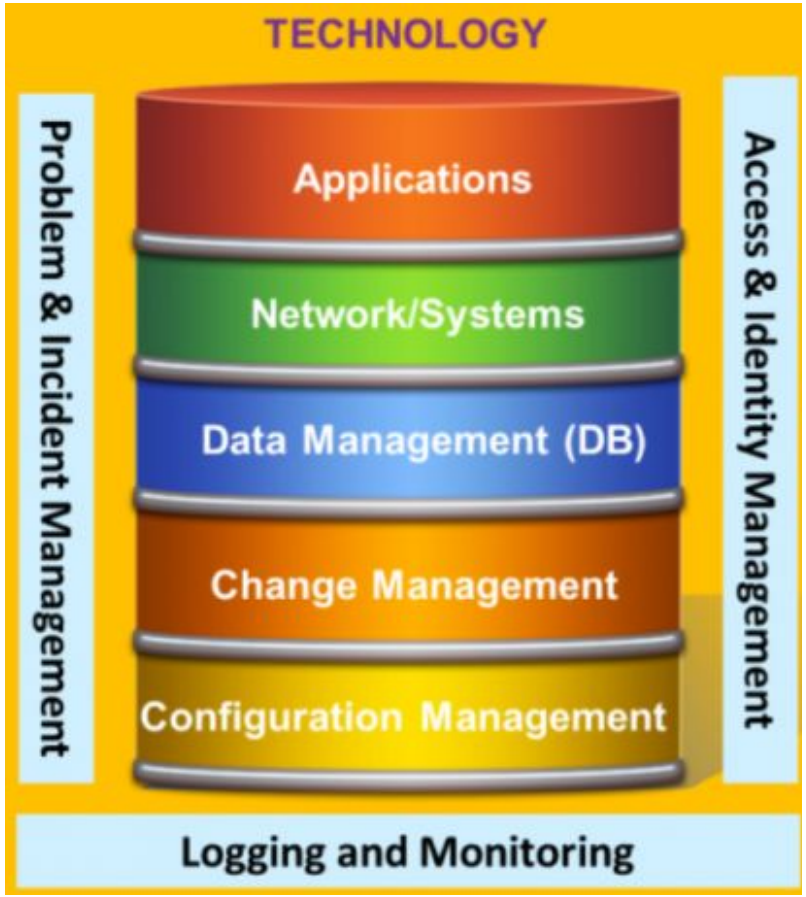
RECOVERY
RESPOND

All About Security



LINUX

1. Gunakan password yang tidak umum (simbol, angka, spasi)
2. SSH dengan private key
3. Disable root remote login
4. Atau tutup port port umum (ssh, database, file transfer, dns, proxy dll)
5. Hak akses user dalam menjalankan aplikasi
6. Monitoring & logging
7. Backup berbeda media (hardisk external, file server atau cloud)
8. Gunakan virtualisasi atau containerize
9. Pasang perangkat firewall pada jaringan

WINDOWS

1. Update windows & antivirus
2. Aktifkan firewall
3. Ganti atau disable port remote desktop
4. Matikan folder sharing jika tidak perlu
5. Disaran untuk tidak menginstall aplikasi bajakan
6. Jangan sembarangan download aplikasi yang tidak jelas
7. Tidak sering digunakan sebagai user
8. Backup berbeda media (hardisk external, file server atau cloud)
9. Gunakan virtualisasi atau containerize
10. Pasang perangkat firewall pada jaringan

FIREWALL GATHNER

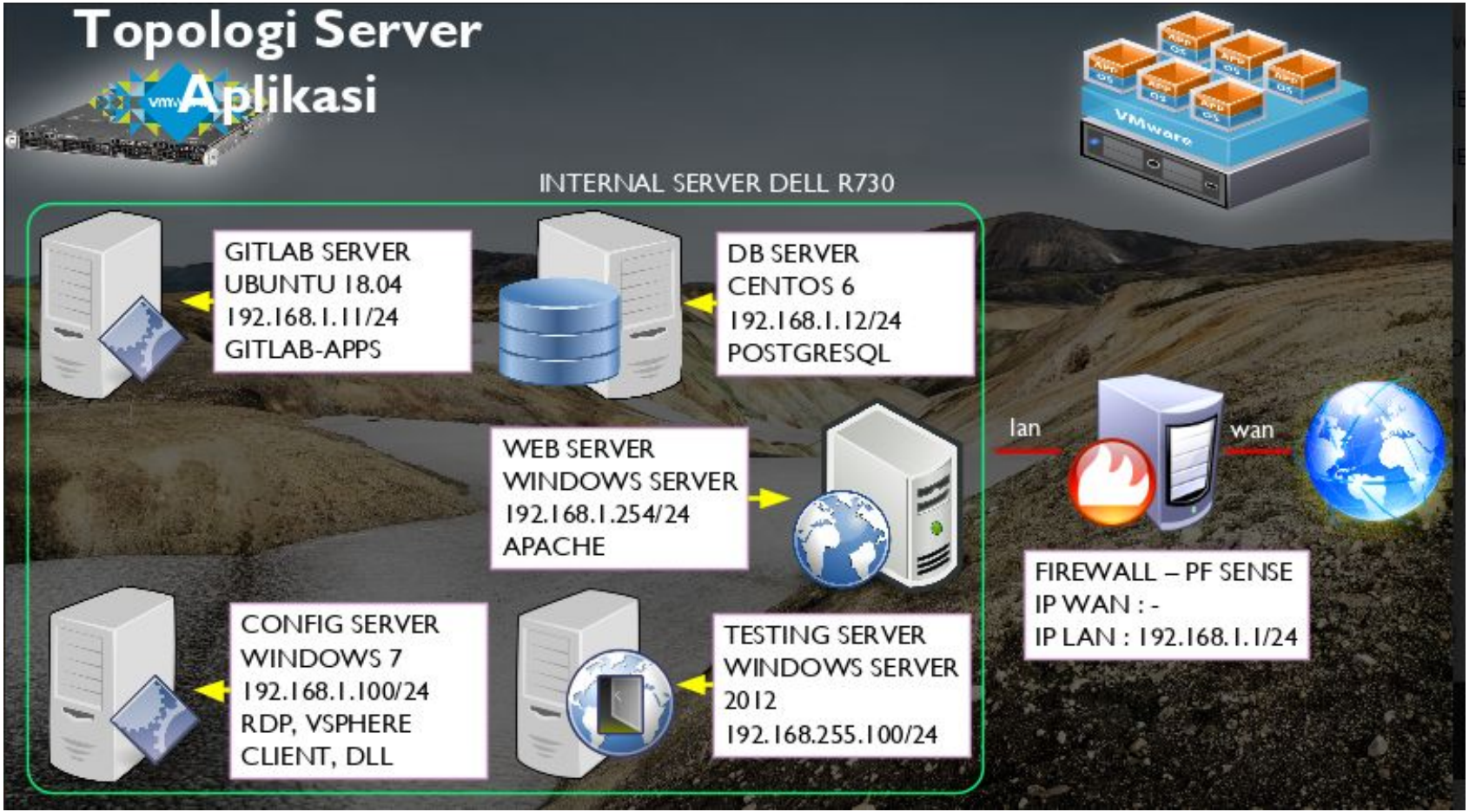
Figure 1. Magic Quadrant for Network Firewalls

Source: Gartner (September 2019)

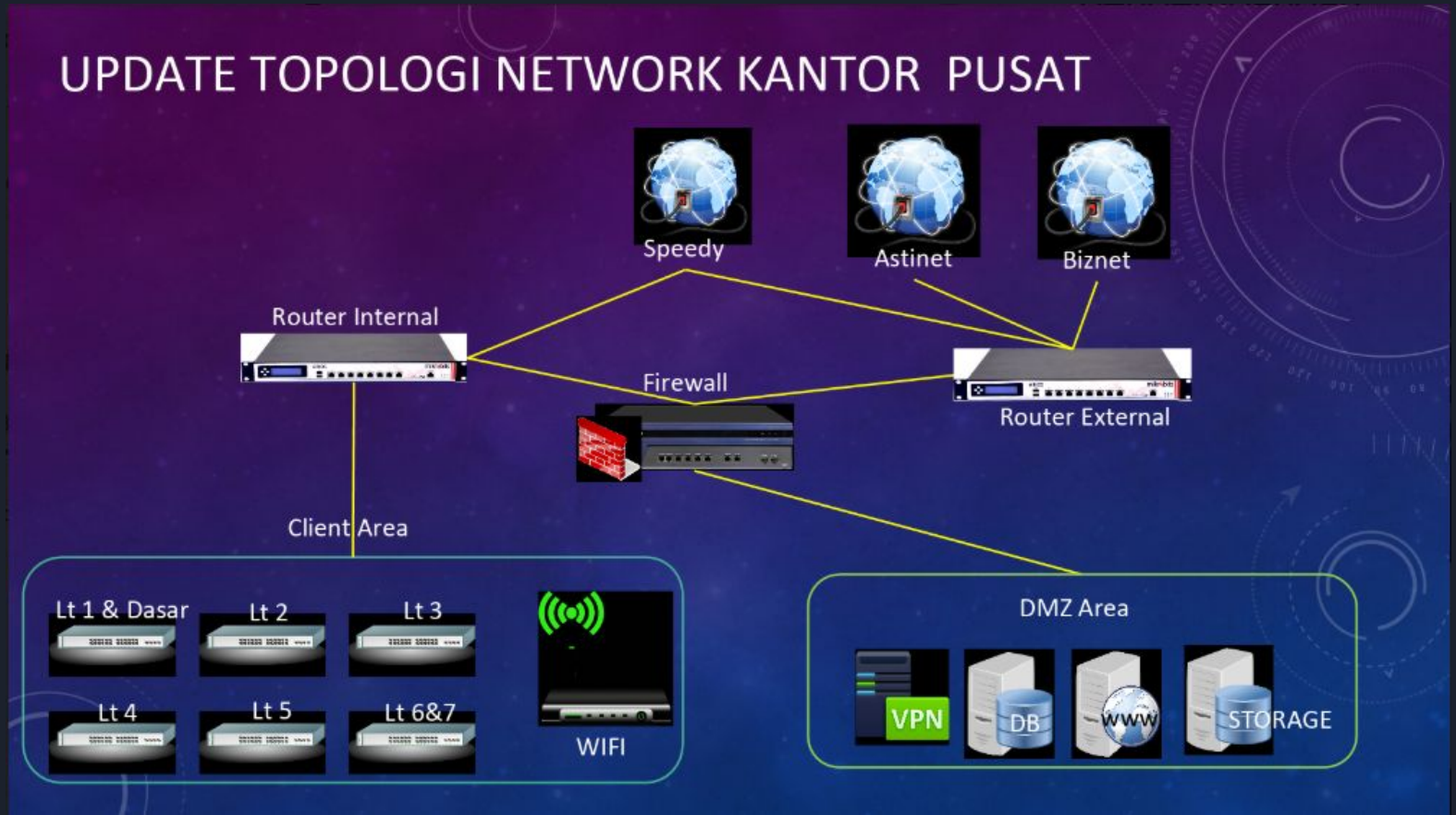
Figure 1. Magic Quadrant for Web Application Firewalls

Source: Gartner (September 2019)

Layout Jaringan - RSMM



Layout jaringan - Koperasi Sejahtera Bersama



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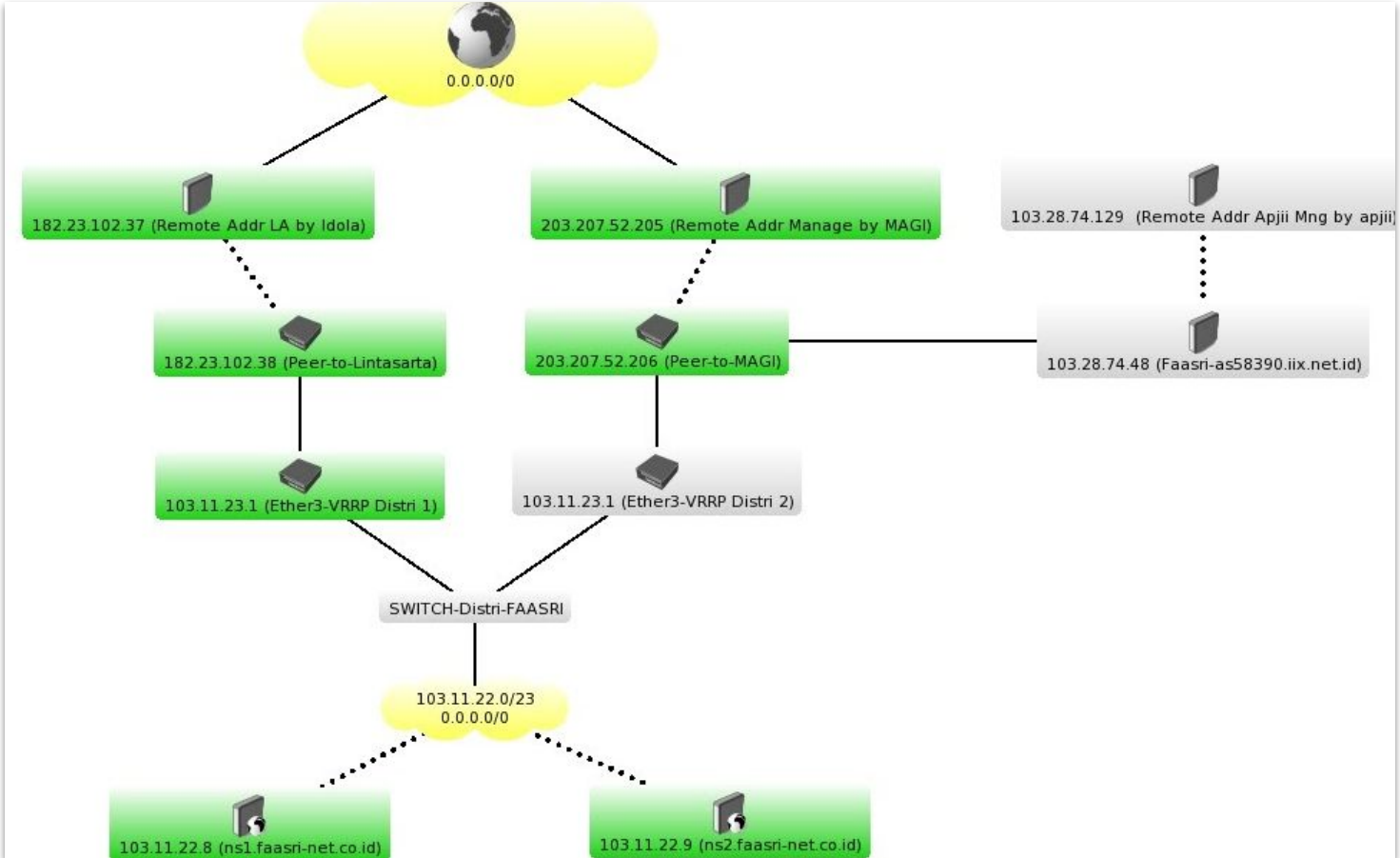
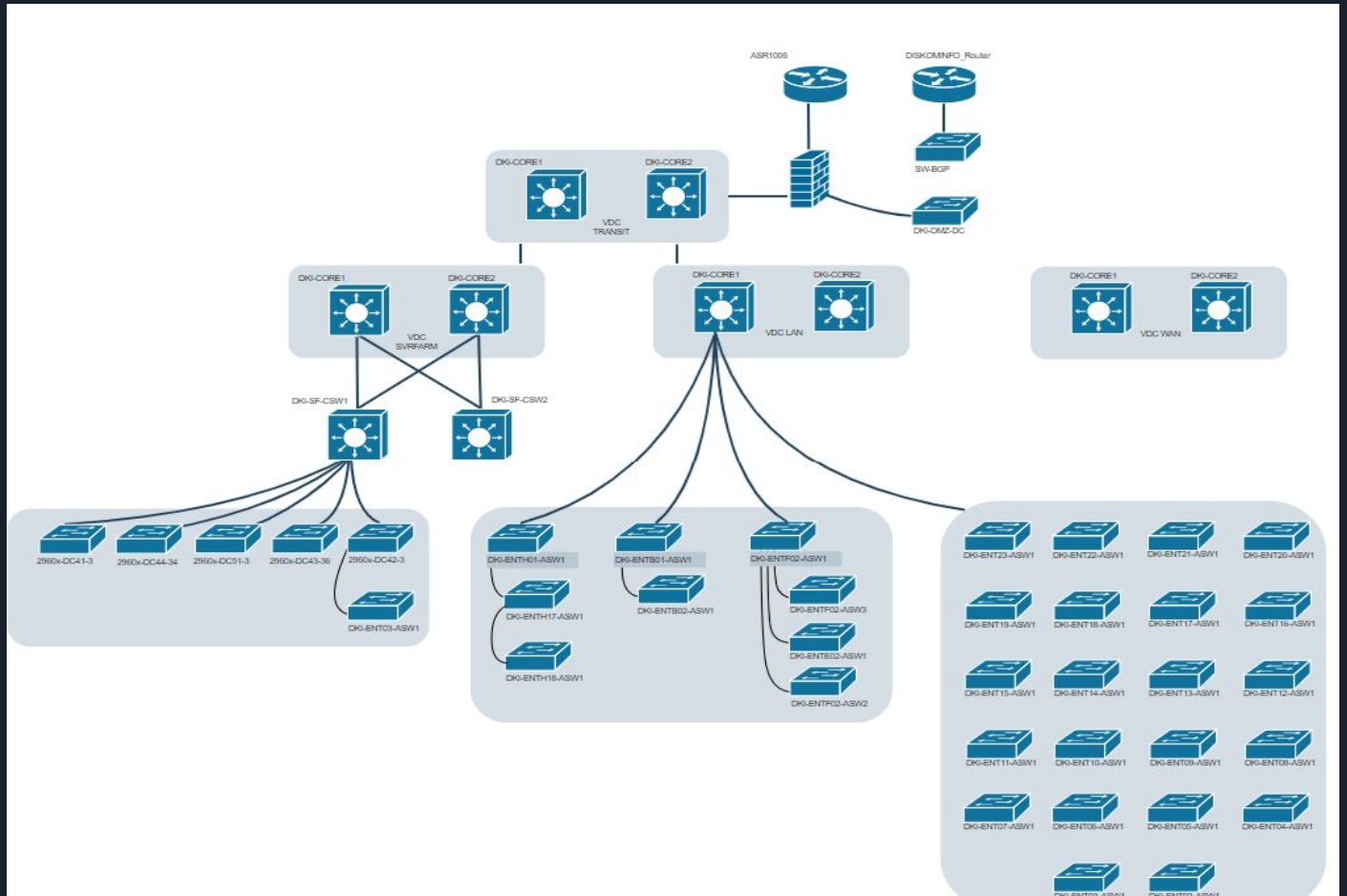


Layout jaringan - PEMPROV DKI



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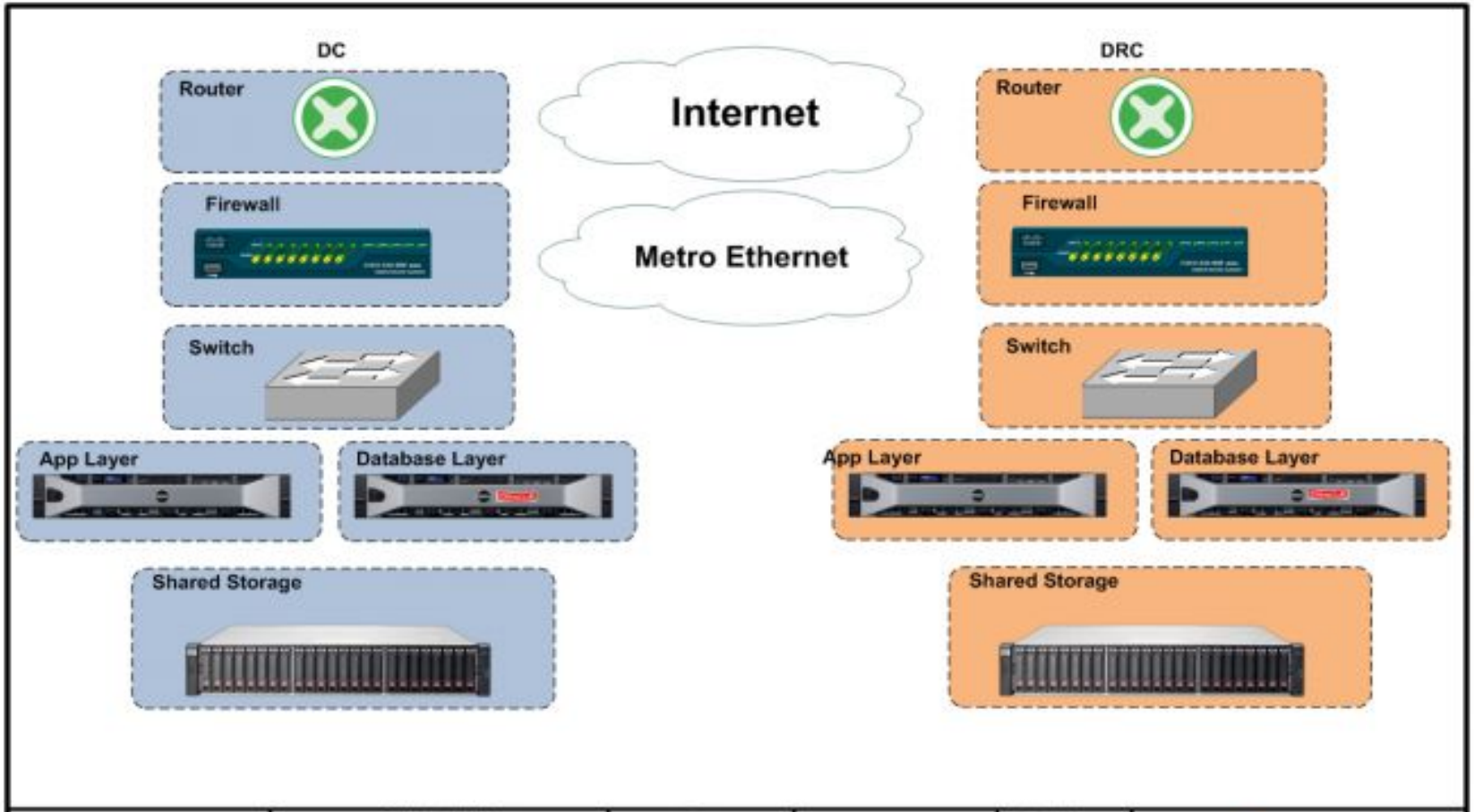

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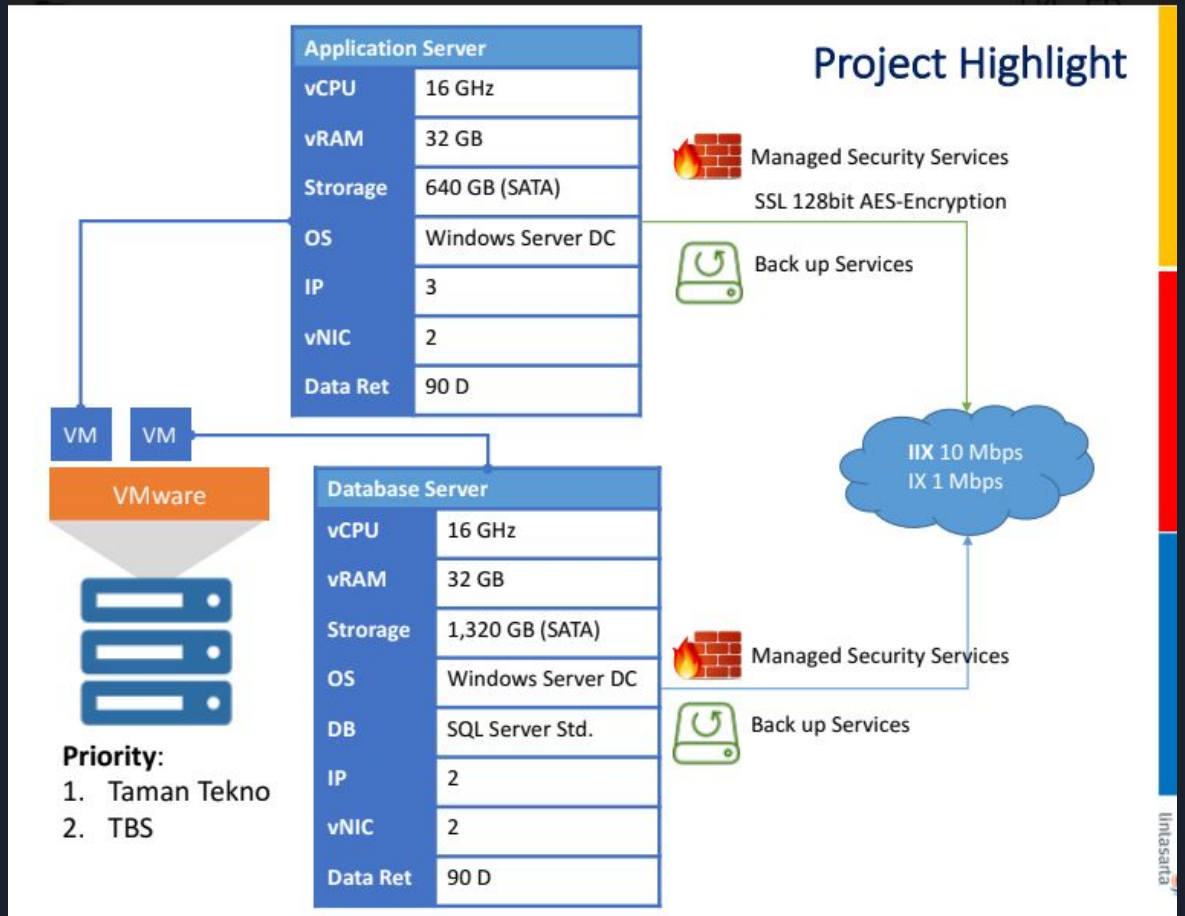
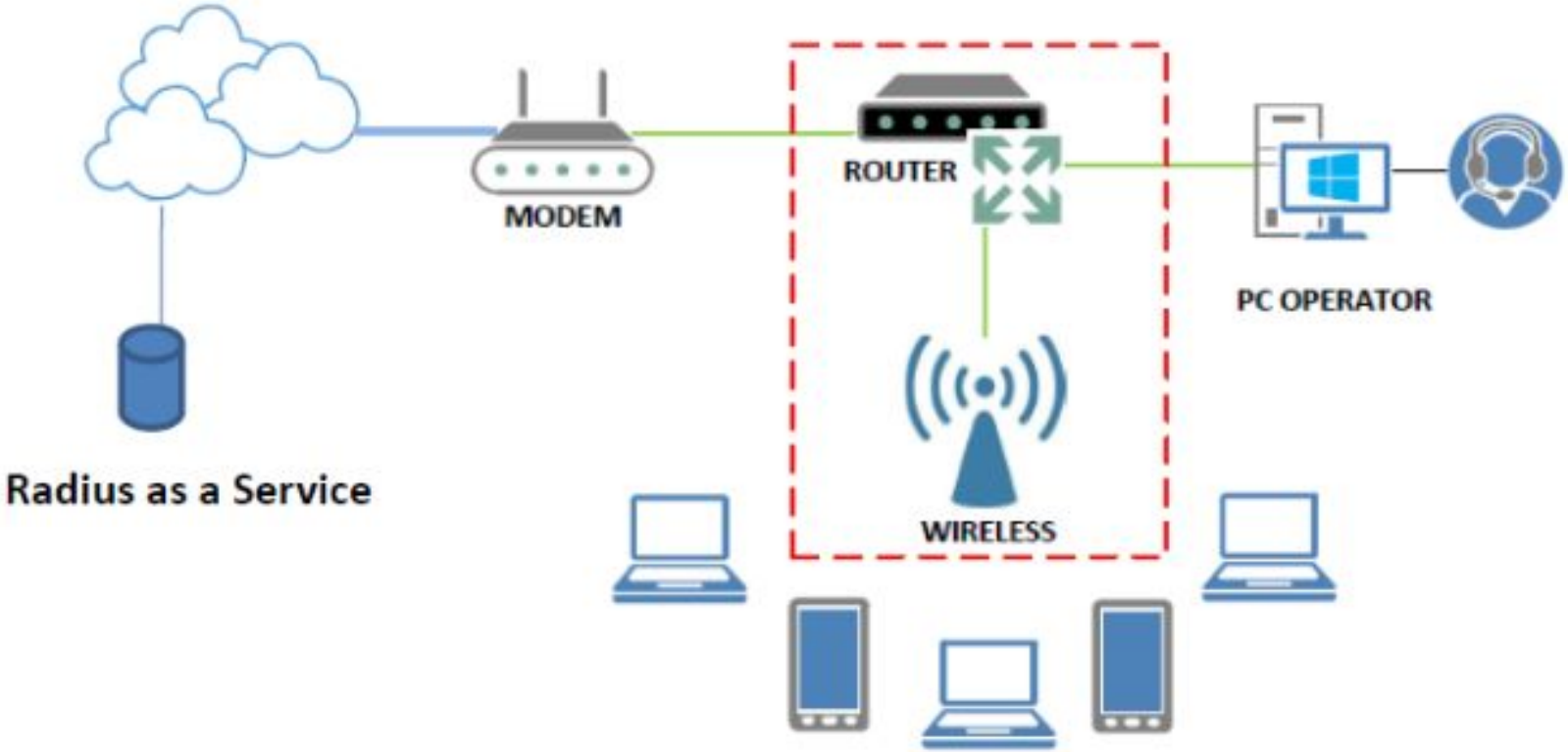


Layout Jaringan - Balaikota DKI



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Update IT - Internet

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Intranet WAN connection Metro E dari Telkom & Icon +

Link Referensi

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8. Trend Micro Security Day
9. Cyber Security Unpas
10. Cyber Security Unpas
11. Defenxor
12. Automate your Security Operations Center (SOC) with Ansible
13. Nolsatu.id
14. http://s.id/rhcadwebinar
15. https://fadhilthomas.github.io/portfolio/
16. https://github.com/tokopedia/Bug-Bounty

Terimakasih