Secure network design for tomorrow’s Start-up Nation

Jeremy Bower, Saba, Tom

Plan

1. **Overview**

Plan

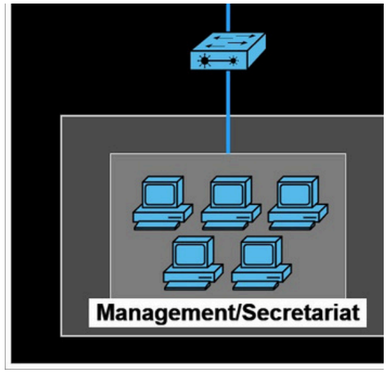
1. Overview
2. **Servers and Services**

Plan

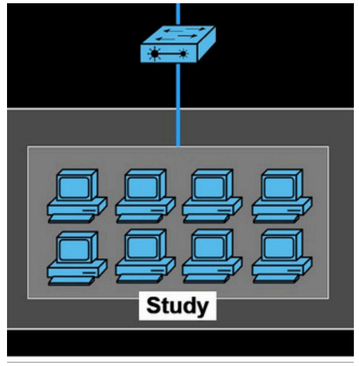
1. Overview
2. Servers and Services
3. **Security and Performance**

Overview

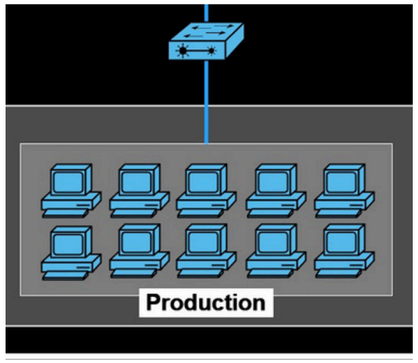
Our baby



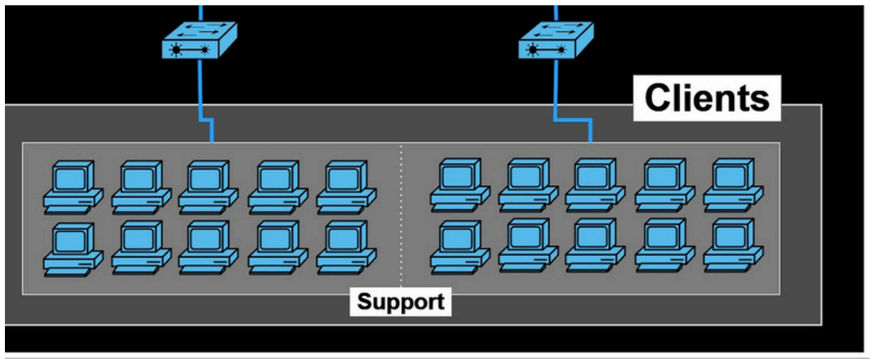
Our baby



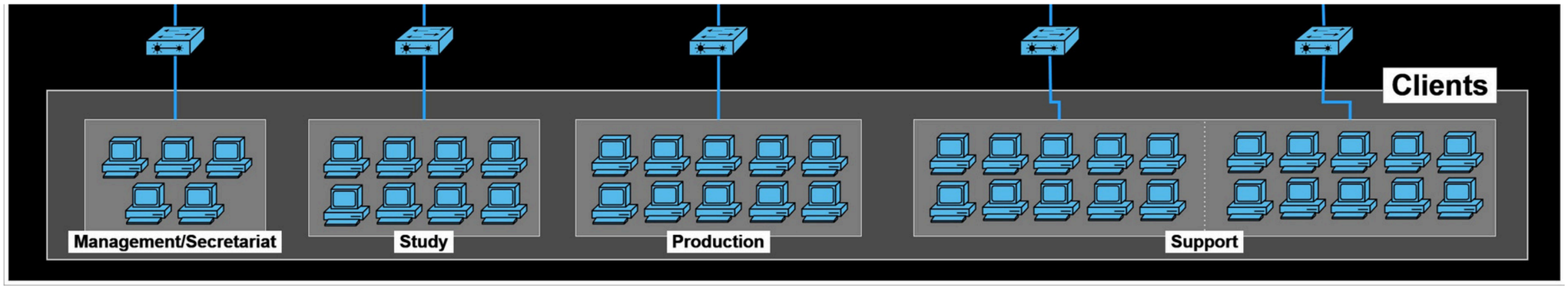
Our baby



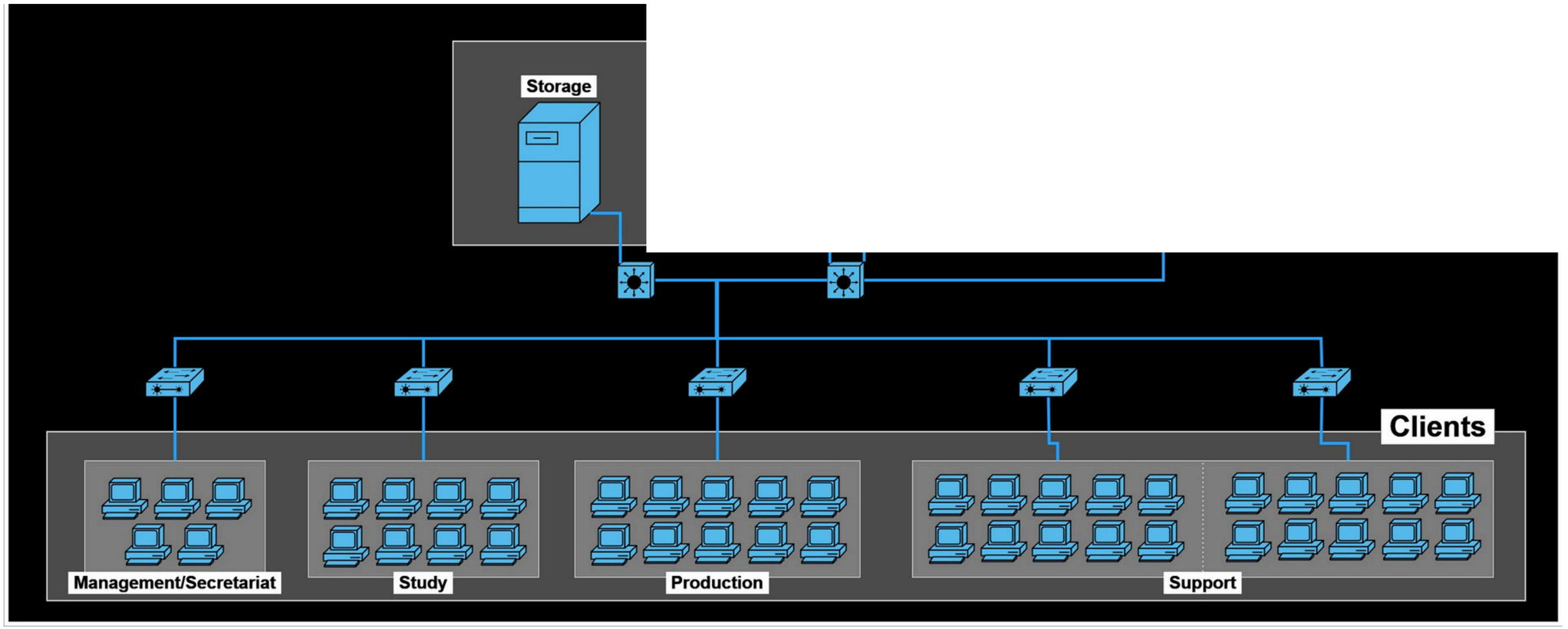
Our baby



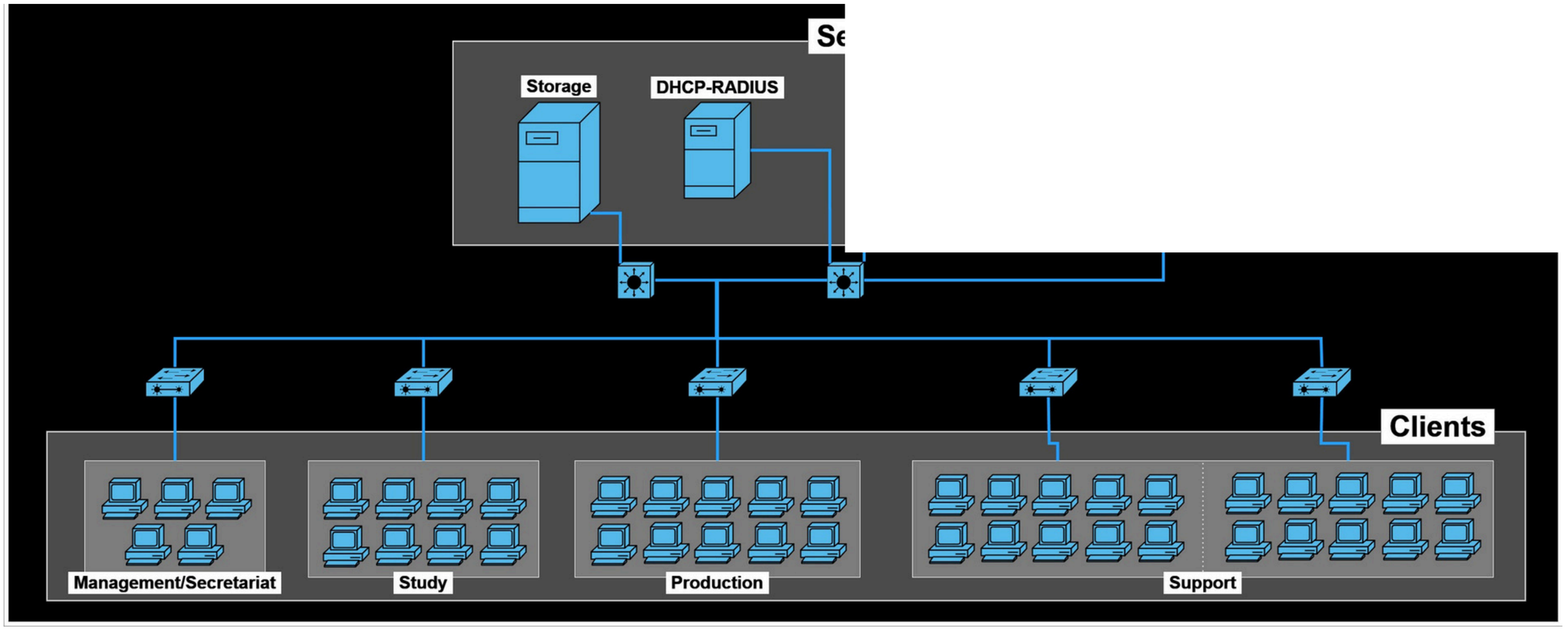
Our baby


Clients
Management/Secretariat
Study
Production
Support

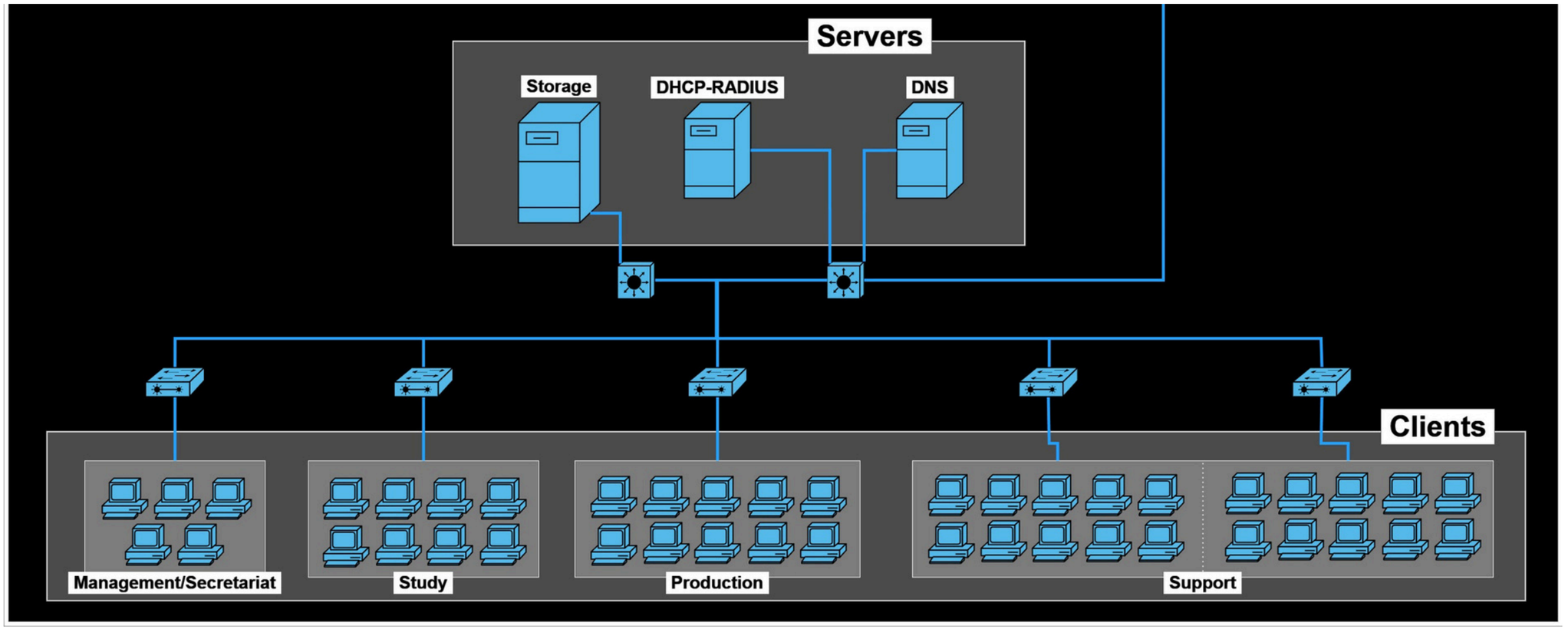
Our baby


Storage
Clients
Management/Secretariat
Study
Production
Support

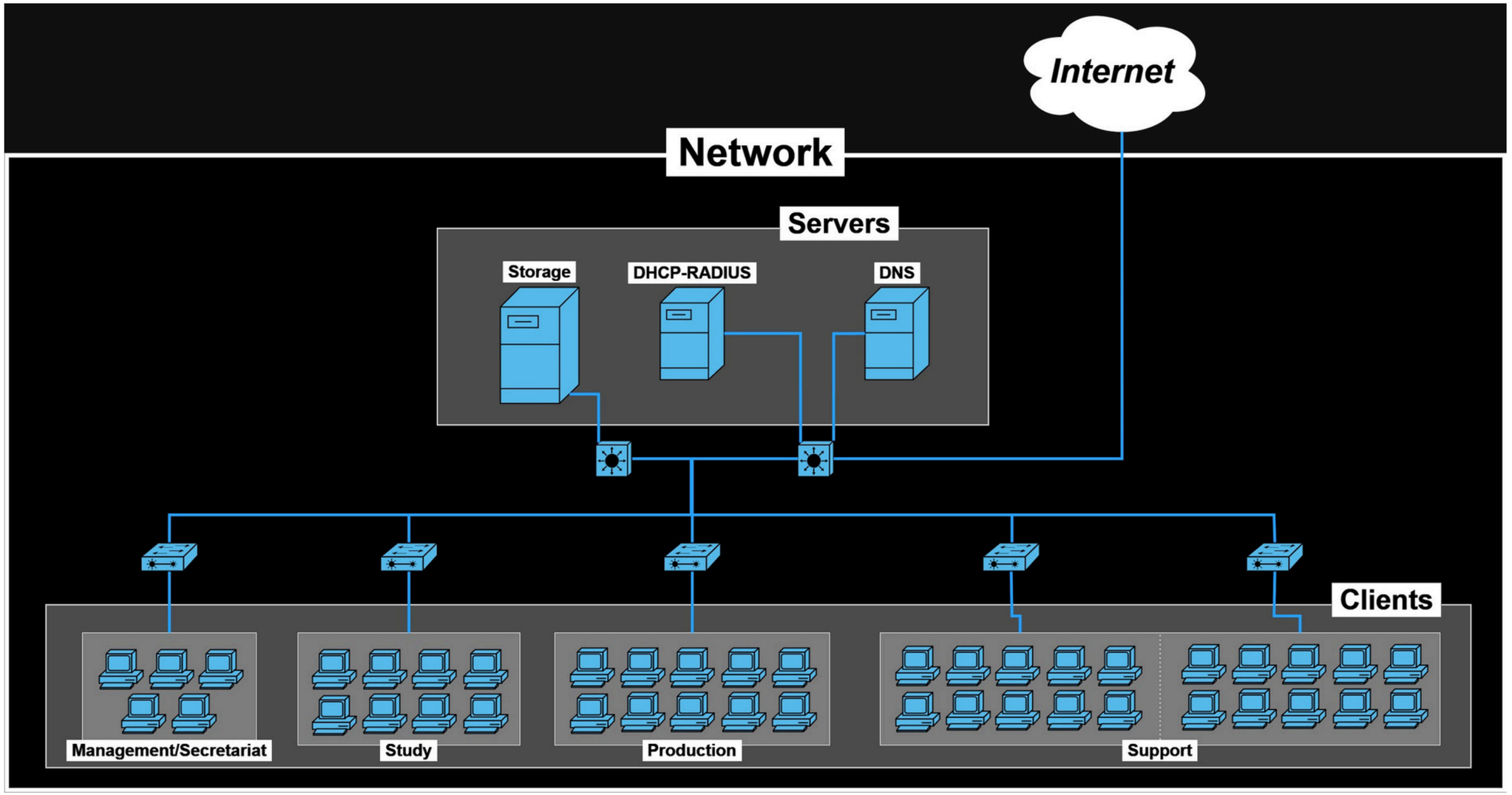
Our baby


Se
Storage
DHCP-RADIUS
Clients
Management/Secretariat
Study
Production
Support

Our baby


Servers
Storage
DHCP-RADIUS
DNS
Clients
Management/Secretariat
Study
Production
Support

Our baby


Internet
Network
Servers
Storage
DHCP-RADIUS
DNS
Clients
Management/Secretariat
Study
Production
Support

Servers and Services

- **Active Directory**

Servers and Services

- Active Directory --> **Not on CPT**

- Active Directory
- **DNS**

- Active Directory
- DNS
- **DMZ concept**
  - **VLANs & ACLs**

Servers and Services

- Active Directory
- DNS
- DMZ concept
  - VLANs & ACLs
- **RADIUS**

Servers and Services

- Active Directory
- DNS
- DMZ concept
  - VLANs & ACLs
- RADIUS
- **DHCP**

Servers and Services

- Active Directory
- DNS
- DMZ concept
  - VLANs & ACLs
- RADIUS
- DHCP
- **iSCSI**

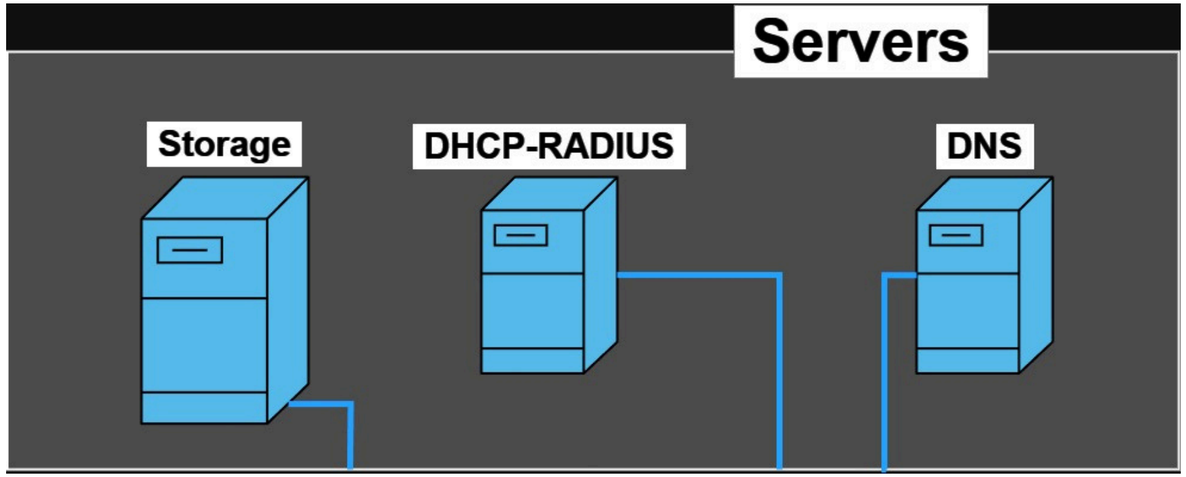
Servers and Services

- Active Directory
- DNS
- DMZ concept
  - VLANs & ACLs
- RADIUS
- DHCP
- iSCSI --> **FTP**

Security and Performance

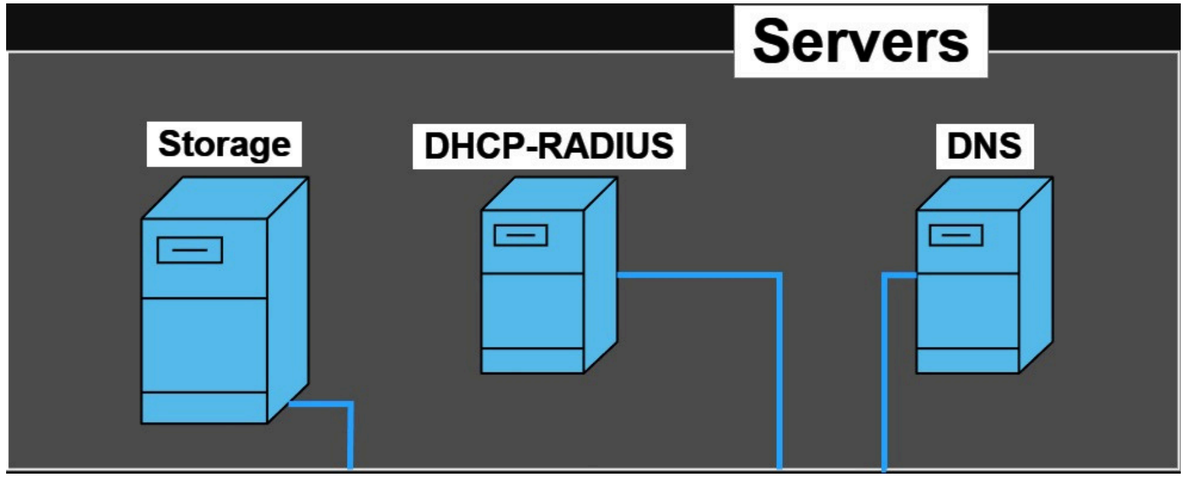
Security and performance

- **Dedicated DNS server**



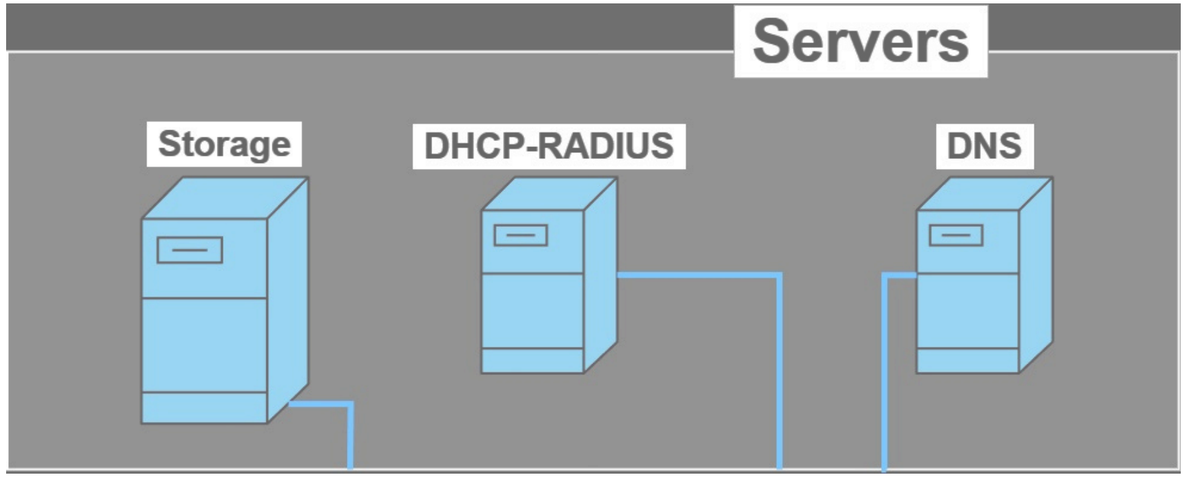
Security and performance

- Dedicated DNS server
- **Dedicated storage server**



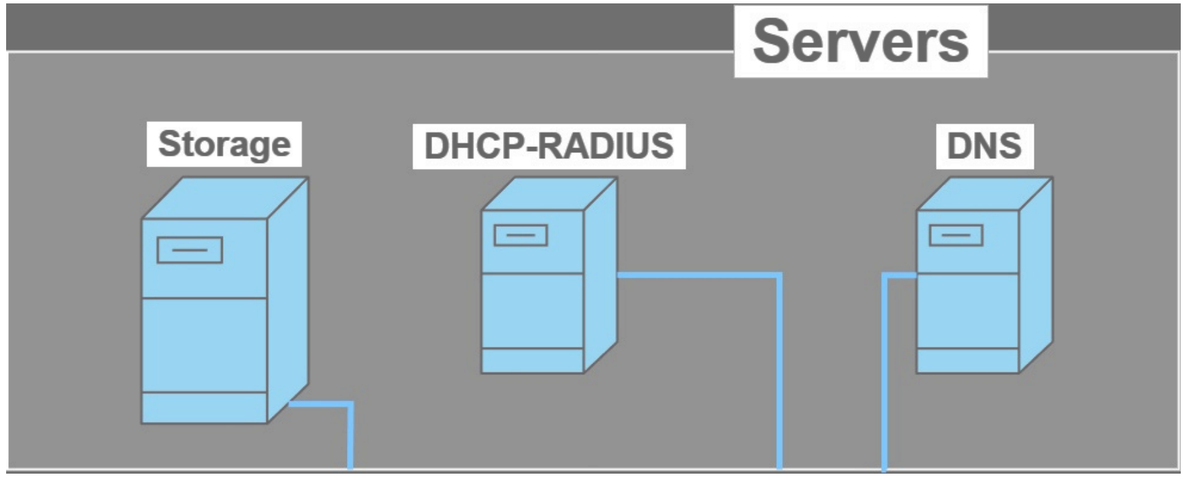
Security and performance

- Dedicated DNS server
- Dedicated storage server
- **VLANs and ACLs**



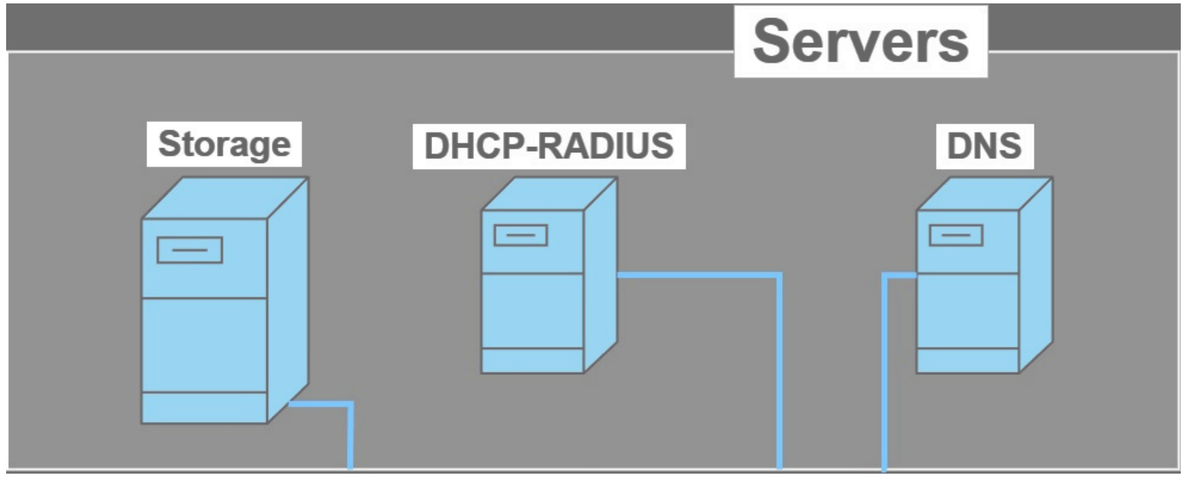
Security and performance

- Dedicated DNS server
- Dedicated storage server
- VLANs and ACLs
- **RADIUS authentication**



Security and performance

- Dedicated DNS server
- Dedicated storage server
- VLANs and ACLs
- RADIUS authentication
- **Firewall**



MEETING
IN
PROGRESS
Thank you for your attention!