

ICT System Strengthening

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Adama

Outlines

- Procurements
- Services
- Systems:
 - Developed
 - Configured
 - Deployed
- Capacity building
- Strength
- Challenges
- Ways forward

1. Procurements

Items	Unit	Qty
Heavy duty multipurpose printing machines	Pc	6
Routers	Pc	2
Wireless access points	Pc	10
Heavy duty server computers' rack for datacenter (48U)	Pc	5
Light Duty Racks (24U)	Pc	5
Server computers	Pc	3
32GB Server computers RAM	Pc	16
2TB Server Hard Disks	pc	16

1. Procurements ...

Items	Unit	Qty
KVM Switches	Pc	2
Digital Signages	Pc	4
Desktop computers	Pc	138
Laptop computers	Pc	56
Smart and Ergonomic Headsets	Pc	64
Webcams	Pc	64
Dongles (CDMA) with SIM	pc	120
WiFi 4G LTE Router	pc	100

1. Procurements ...

Items	Unit	Qty
WiFi USB 3.0 Adapter	Pc	30
USB 3.0 Hub	Pc	30
UTP Cable	Roll	135
Patch cord with different size	Pc	400
Cable hook (clip)	Carton	50
Cable ties with different size	Packet	60
RJ-45	Sack	1
Screw Fisher	Packet	25

1. Procurements ...

Items	Unit	Qty
Screw with different size	Packet	12
Trunking	Pc	1500
GM-X50 adhesive (glue)	Can	10
Bosh hammer drill	Pc	4
Bosh cordless drill and screw driver	Pc	4
Hacksaw	Pc	4
Carpenter mini-hammer	Pc	4
Bosh dust blower	Pc	4
Bosh hammer drill bits with different sizes	Pc	15

1. Procurements ...

Items	Unit	Qty
Coiled reel power extension cord	Pc	4
Tablets	Pc	65
Layer 3 switches	Pc	2
Media converter	Pc	2
UTP cable puncher	Pc	15
UTP cable splicer	Pc	15
Keystone jack	carton	4
Zoom virtual Meeting software	Key	2

1. Procurements ...

Items	Unit	Qty
Microsoft SQL Server Enterprise 2019 DBMS	Key	2
Microsoft Windows Server Datacenter Edition 2019	Key	2
Power BI Premium per user	Key	2
Kadence Website developing template	Key	1
Rally system for virtual meeting management	System	1
4k digital smart screen with all accessories	Pc	2
Printers	Pc	27
Scanners	Pc	18
UPSs	Pc	63

1. Procurements ...

Items	Unit	Qty
Surge arresters (power dividers)	Pc	120
Antivirus	Key	2843
Presentation pointers	Pc	15
Flash disk with different size	Pc	120
External Hard Disk with 4TB	Pc	120
HDMI cable with 5M	Pc	12
Sage Peachtree Software	Users	40

2. Services

Service Name	Unit	Qty
Broadband Internet for ZHD and THD (Min 10Mbps, Max 15 Mbps)	Service	38
Enterprise Level Broadband Internet for OHB (1GB)	Service	1
Public IP from Ethiotelecom	Service	6
4G LTE Internet Services	Services	120

3. Systems

System Name	Unit	Qty	Status
HAPMIS Web-based Software	System	1	Developed, Installed, Configured and Deployed
eMRIS Web-based Software	System	1	Developed, Installed, Configured and Deployed
RMIS Web-based Software	System	1	Under development
CPDMIS Web-based Software	System	1	Under development
HVLMIS Web-based Software	System	1	Under development

3. Systems ...

System Name	Unit	Qty	Status
Regional Digital Information Dashboard	System	2	Under development
LAN	Facility	154	Installed, Configured and Deployed

4. Capacity Building

- Training on:
 - HAPMIS
 - eMRIS
 - Power BI
 - Networking (LAN, Troubleshooting)

4. Capacity Building ...

Power BI Training at
Ambo University



4. Capacity Building ...

HAPMIS Training at
Ambo University



4. Capacity Building ...

Office Machines
Maintenance



4. Capacity Building ...

LAN Expansion



4. Capacity Building ...

SmartCare_ART
V6.0 Testing



4. Capacity Building ...

Networking Training
at Ambo University



Procurements

- Heavy duty multipurpose printing machines = 6



Procurements ...

- Routers = 2



Procurements ...

- CISCO Wireless Access Points = 10



Procurements ...

- Heavy Duty Rack for Datacentre = 5



Procurements ...

- Light Duty Rack for Datacentre = 5



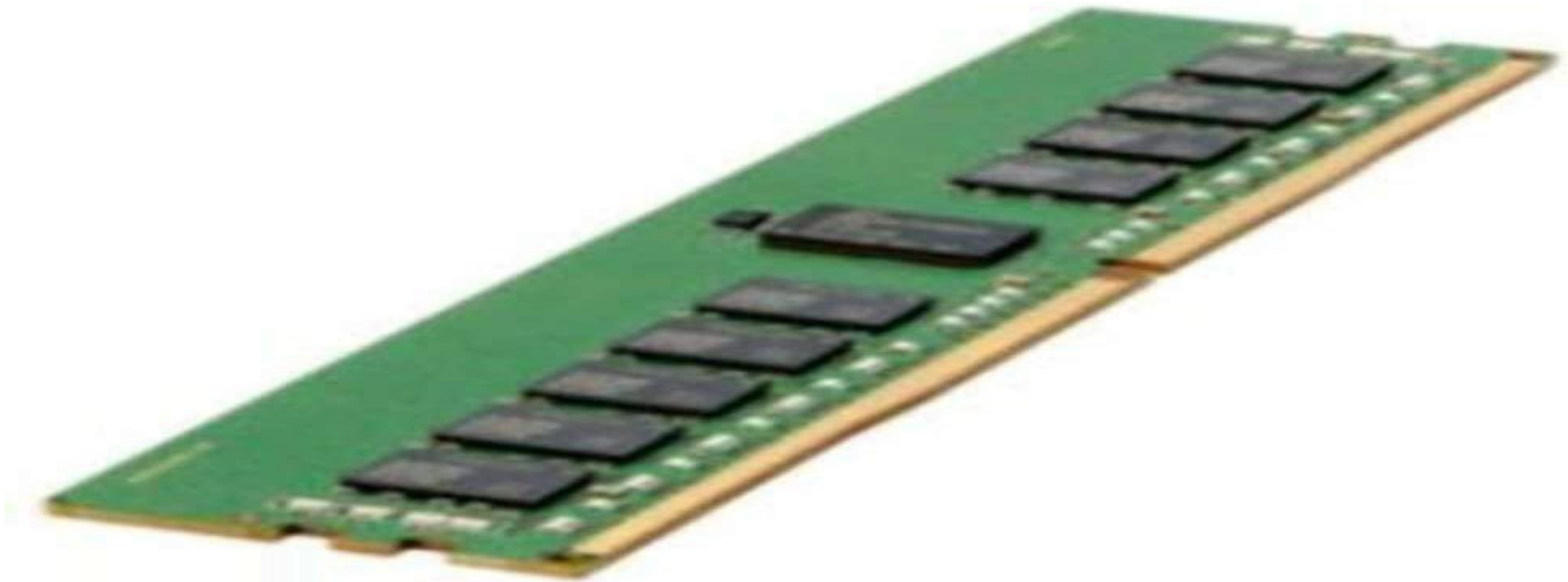
Procurements ...

- Server Computers for Data Centre = 3



Procurements ...

- 32GB Server Computers' RAM = 16



Procurements ...

- 2TB Server Hard Disks= 16



Procurements ...

- KVM Switches = 2



Procurements ...

- Digital Signages = 4



Procurements ...

- Desktop Computes = 138



Procurements ...

- Laptop Computes = 56



Procurements ...

- Smart Ergonomic Headsets = 64



Procurements ...

- Webcams = 64



Procurements ...

- Internet Services for OHB Zones and Towns = 41 Services



Procurements ...

- Dongle (CDMA) with SIM Card = 120



Procurements ...

- WiFi 4G LTE Router = 100



Procurements ...

- WiFi USB Adapter = 30



Procurements ...

- USB Hub = 60



Procurements ...

- UTP Cable = 135 Roll



Procurements ...

- Patch cord with different sizes = 400



Procurements ...

- Cable Clips (Hooks) = 50 Carton



Procurements ...

- Cable Ties with different sizes = 60 packet



Procurements ...

- RJ-45= 1 Sack



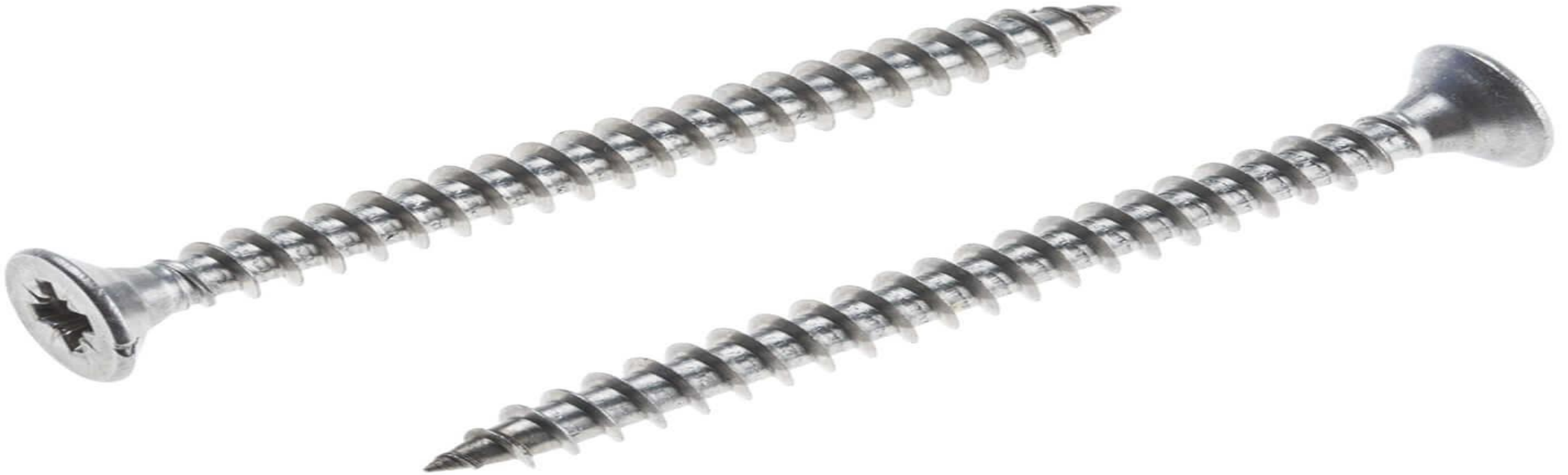
Procurements ...

- Fishers = 25packet



Procurements ...

- Screw with different sizes = 12 packet



Procurements ...

- Trunking = 1500



Procurements ...

- Adhesive = 10 Can



Procurements ...

- Bosch Hammer Drill = 4



Procurements ...

- Bosch screw driver cordless drill = 4



Procurements ...

- Hacksaw = 4



Procurements ...

- Carpenter Mini-Hammer = 4



Procurements ...

- Bosch Dust Blower = 4



Procurements ...

- Coiled Reel Power Extension Cord = 4



Procurements ...

- Tablets = 65



Procurements ...

- Layer-3 CISCO Switches = 2



Procurements ...

- Media Converter= 2



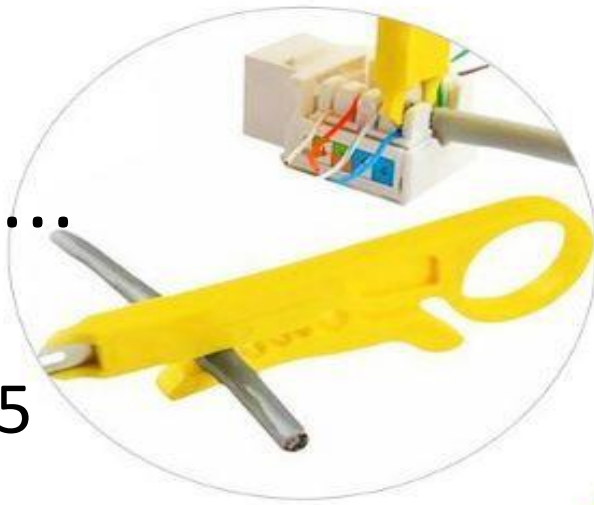
Procurements ...

- UTP Cable Puncher = 15



Procurements ...

- UTP Cable Splicer = 15



Procurements ...

- Keystone Jack = 4 Carton



Procurements ...

- Zoom Virtual Meeting Software= 2 Keys/year



zoom

Procurements ...

- Microsoft SQL Server 2019 = 2 keys



Procurements ...



- Microsoft Windows Server = 2 keys

Windows Server 2019

DATACENTER



Procurements ...



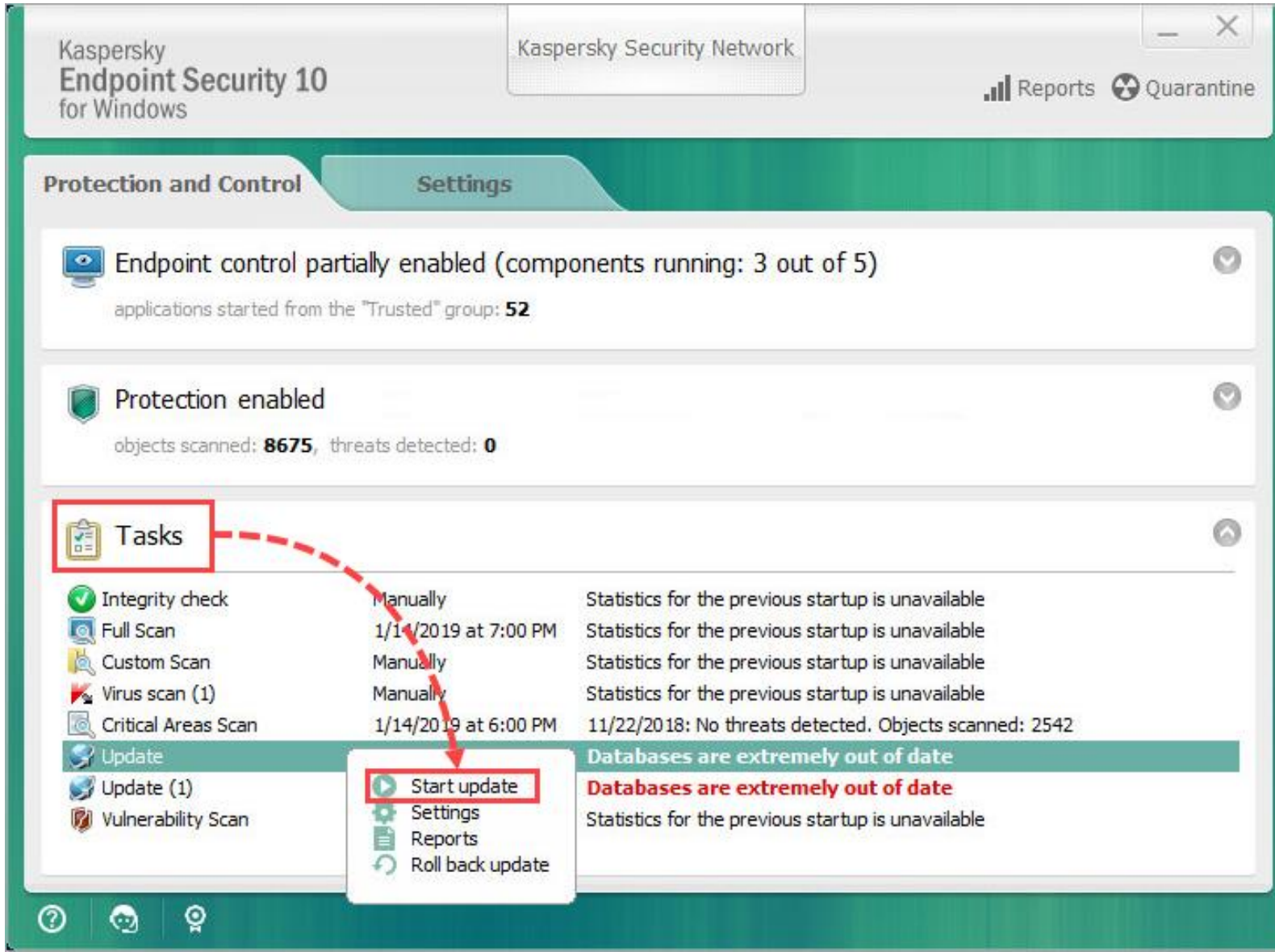
- Power BI Premium = 2 keys



Power BI Premium

Procurements ...

- Anti-virus = 2843 keys



Procure

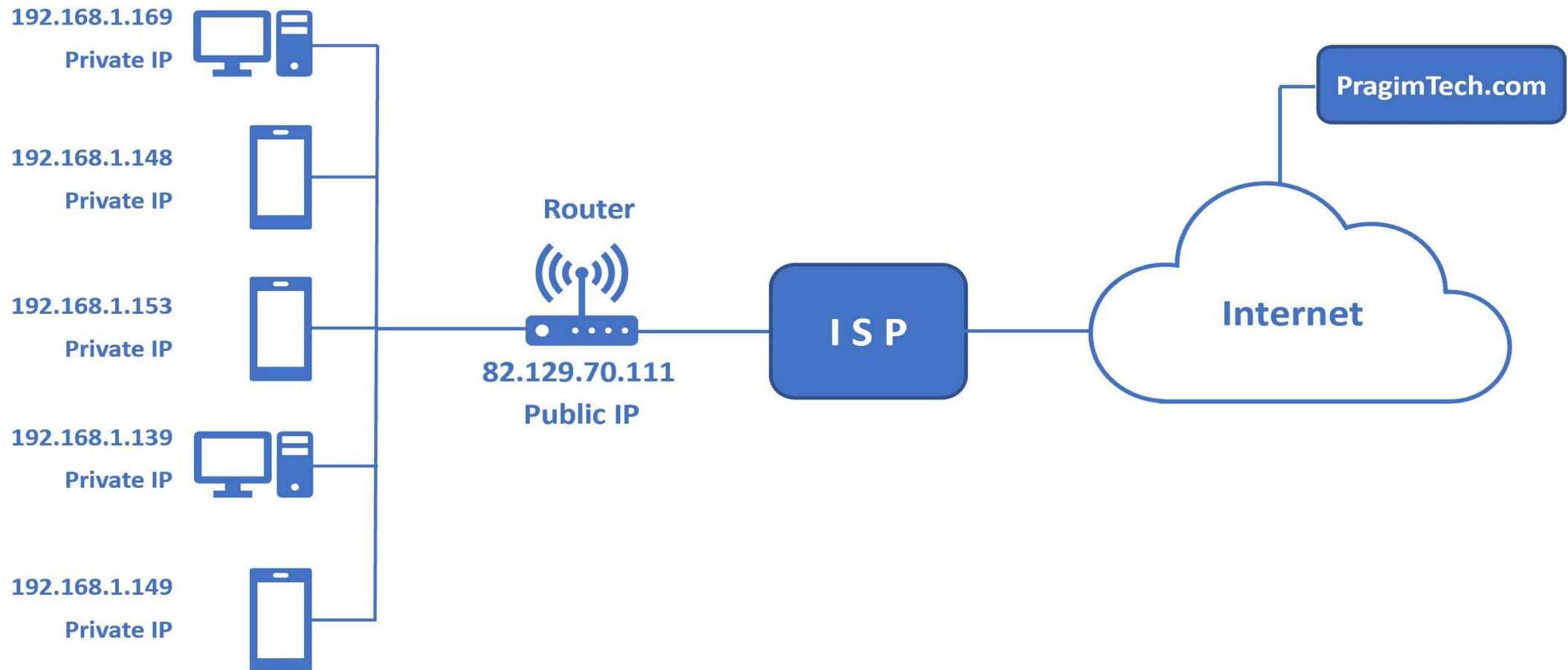
- Sage Peachtree Accounting System = 40 keys (users)

Sage 300



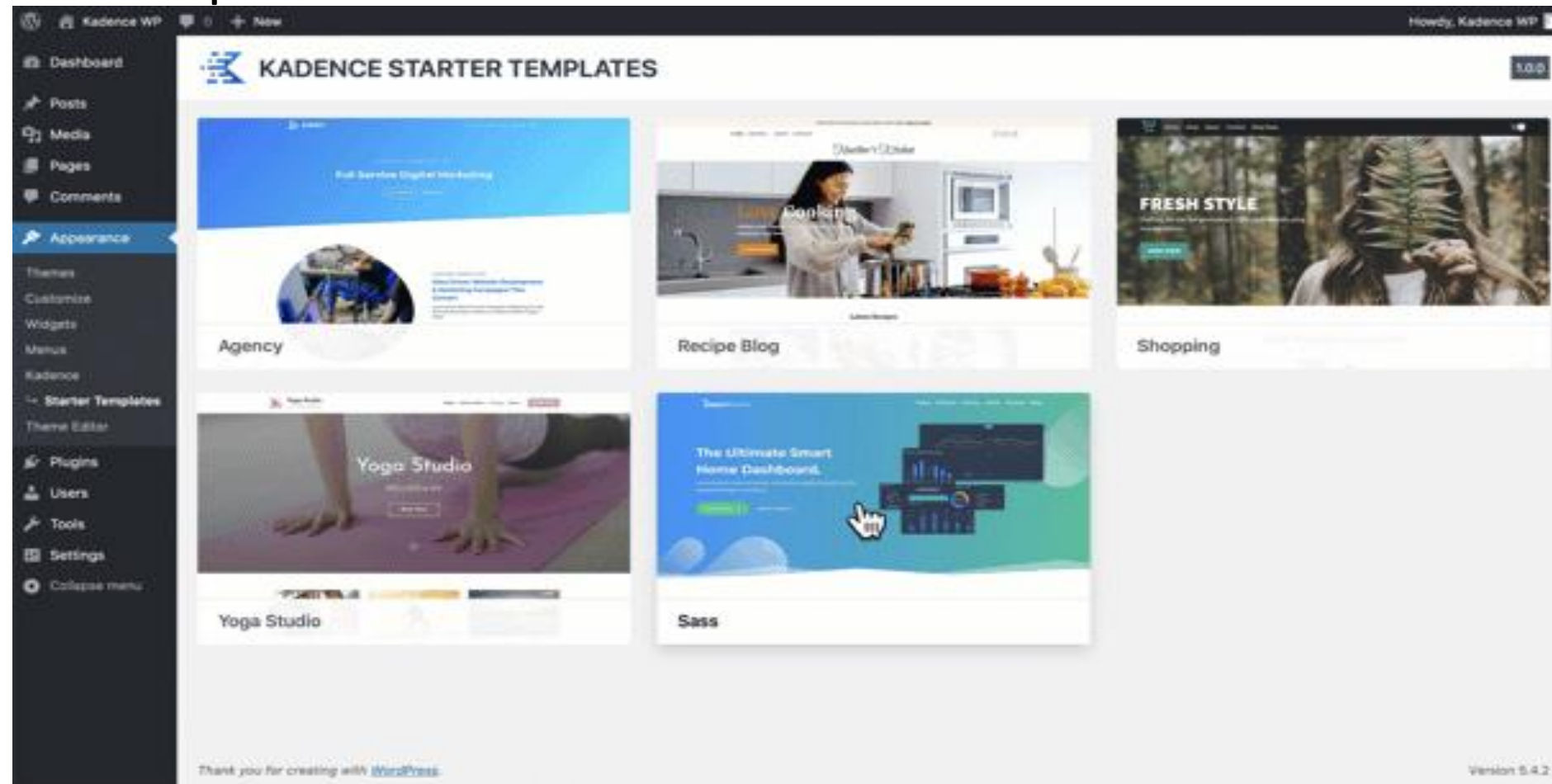
Procurements ...

- Public IP = 8



Procurements ...

- Kadence Website Template



Procurements ...

- Rally System for Virtual Meeting Management = 2



Procurements ...

- 4k digital smart screen with all accessories = 2



Procurements ...

- Expert Printers = 27



Procurements ...

- Expert Scanners = 18



Procurement

- UPS = 63



Procurements ...

- Surge Arresters = 120



Procurements ...

- Presentation Pointers = 12



Procurements ...

- Flash Disks = 120



Procurements ...

- External Hard Disks = 120



Procurements ...

- HDMI Cables = 12





Web-Based System

- HAPMIS

Sign in

Sign in



Oromia Health Information System

Oromia Regional Health Bureau

eMRIS

Web-Based System

- eMRIS

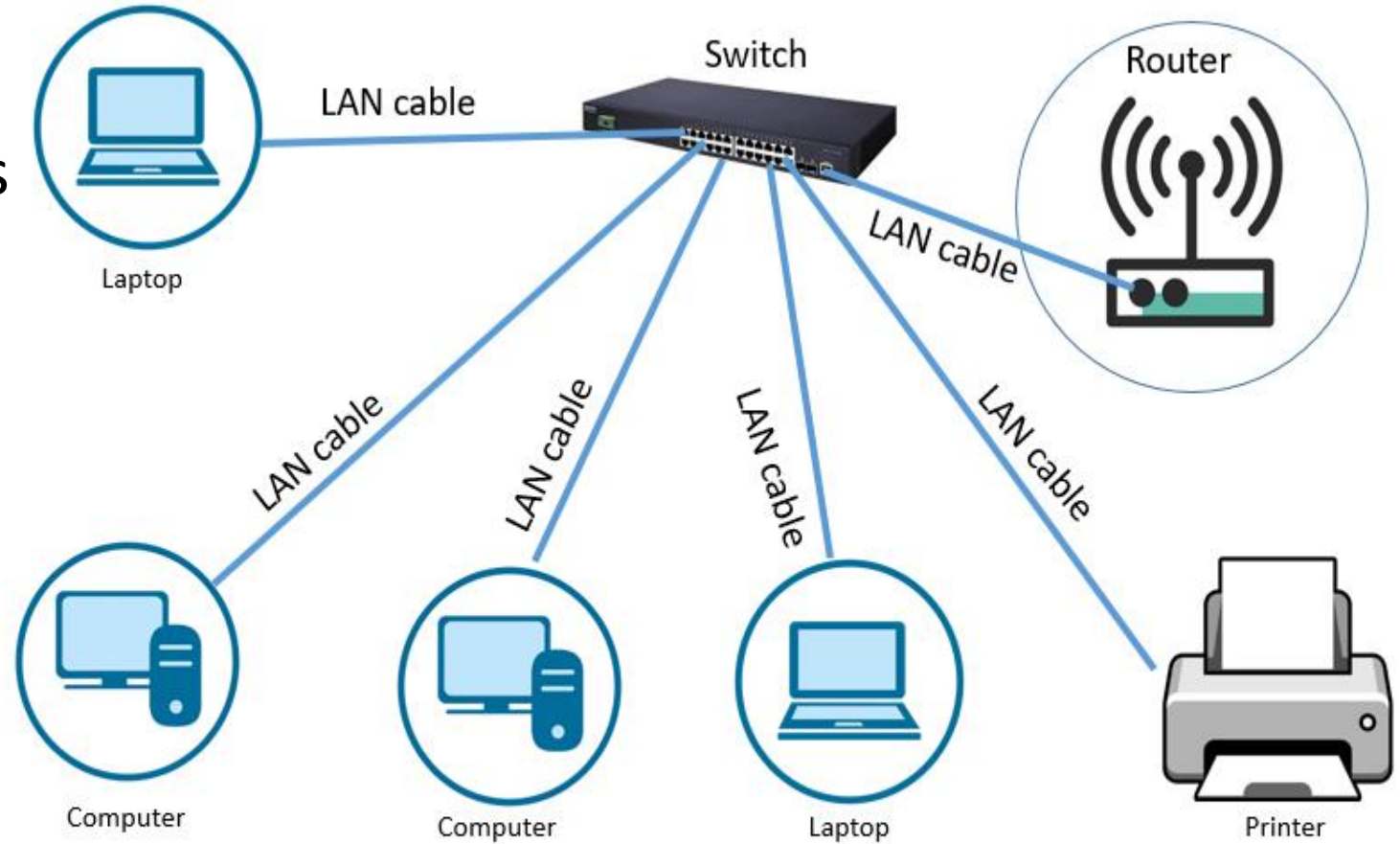
Sign in

Sign in

[Forgot password?](#)

Services

- LAN Expansion for 154 HFs



Local Area Network

Strength

- Commitment:
 - To realize digital/information revolution as a sector
 - Strengthen the system
 - Of decision makers

Challenges

- Lack of due attention
- Lack of advocacy by frontline managers
- Discrediting of performances
- Security issue for accessing HFs

Ways forward

- Finalizing, installing, configuring and deploying those system under development/construction and procurements (e.g., Sage Peachtree)
- Working on capacity building (technical, end-users)
- Working on system security (protection and recovery)
- Working on infrastructure expansion (for 51 HFs LAN Expansion)
- Working on data analysis, presentation and information use