



# Supervision

Mourad JAADAR  
Venthan SRISIVA  
Léo GUILHOU

# Sommaire

- Introduction
- Objectifs
- Contraintes
- Superviser
- Eyes of Network
- Protocole SNMP
- Check
- MIBS-OID
- Tests
- Conclusion



# Introduction



# Objectifs



MISE EN PLACE D'UN OUTIL DE  
SUPERVISION



SUPERVISION DE SERVEUR ET  
MATÉRIELS  
D'INTERCONNEXION



CONNAITRE L'ÉTAT DE SANTÉ  
DES HÔTES ET MATÉRIELS  
D'INTERCONNEXION

# Contrainte



Contrainte de temps 13 h

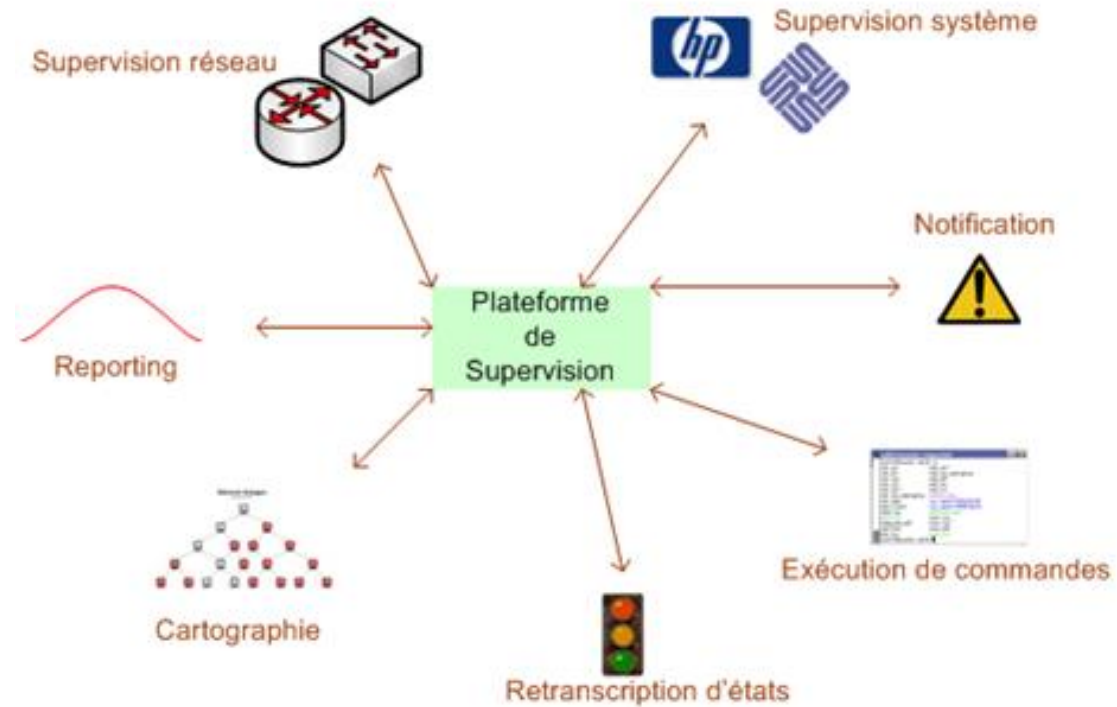


Protocole SNMP sur les matériels d'interconnexion et les hôtes

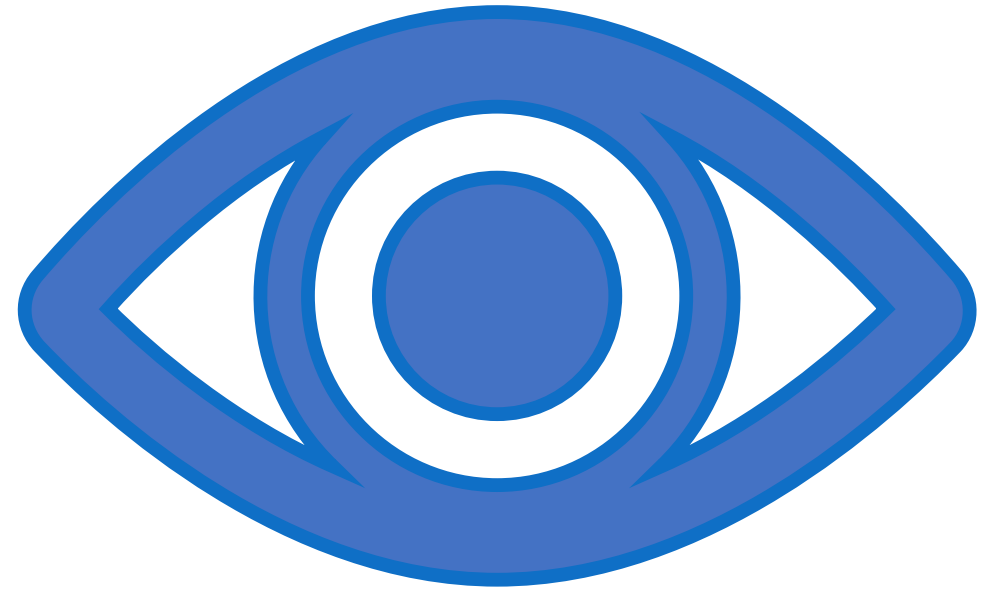


Utilisation du logiciel Eyes of network

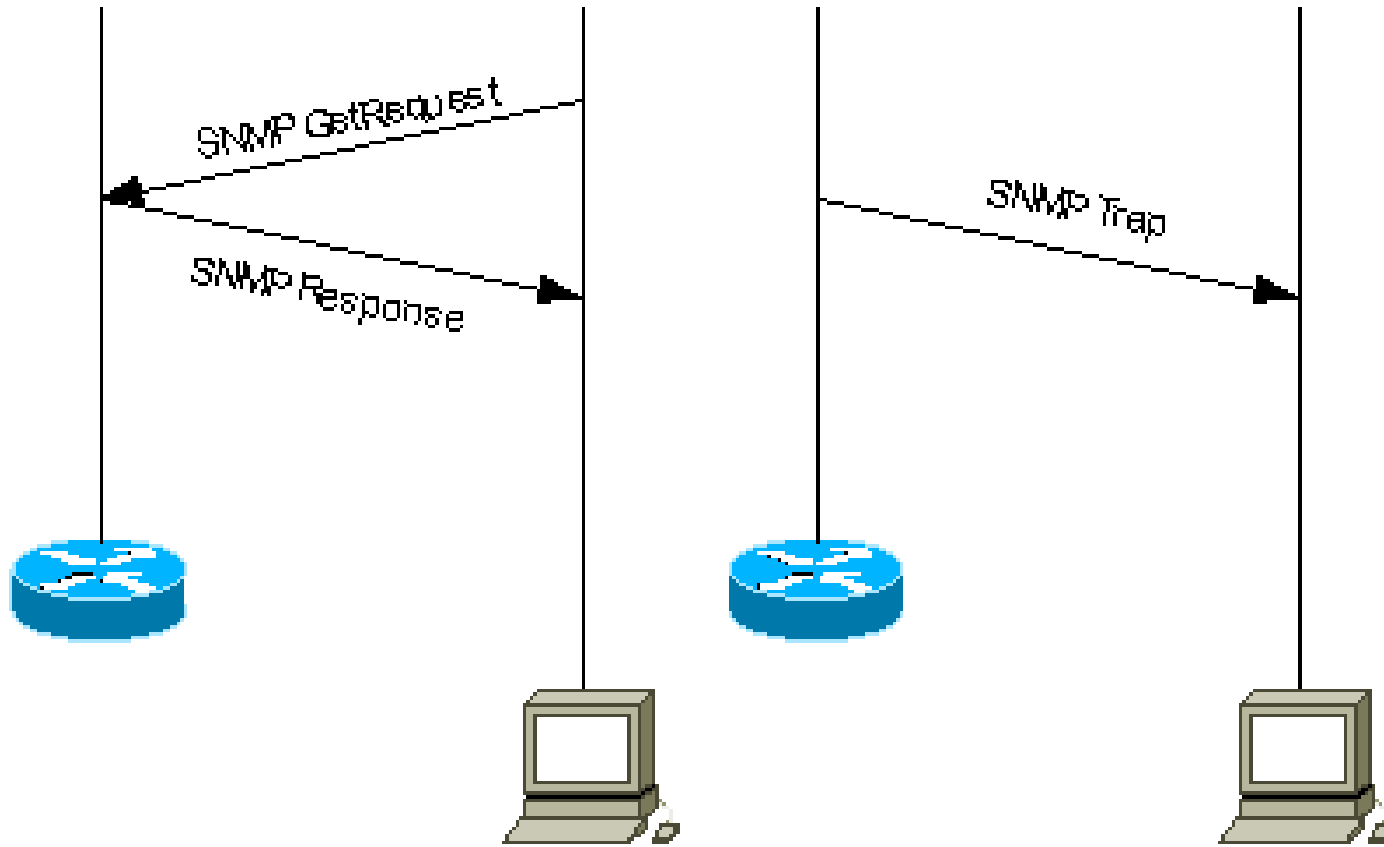
# Supervisor



# Eyes Of Network



# Protocole SNMP

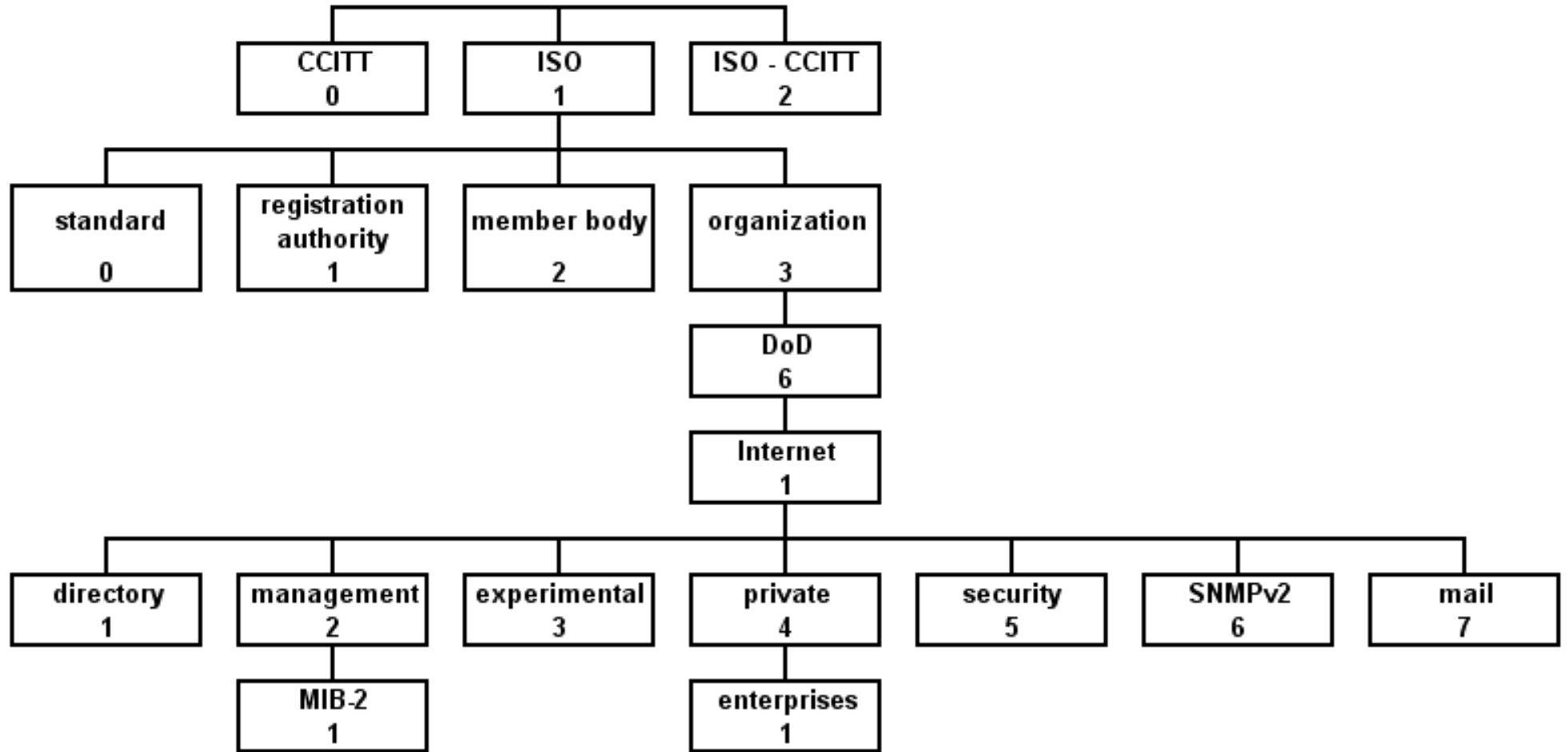




Check



# MIB







# OID

OID\_NAME=".1.3.6.1.2.1.43.11.1.1.6.1"







# TEST

- Etat Hôtes

|            |  |              |   |
|------------|--|--------------|---|
| SRV_AD-DNS |   | check_CPU    | OK  |
|            |  | check_memory | OK  |
|            |  | processor    |  OK  |
|            |  | uptime       | OK  |
|            |  | vmware_tools |  OK |

# TEST

- Etat Hôtes

|            |   |   |  |
|------------|---|---|--|
| SRV_AD-DNS |  |  | check_CPU  |
|            |   |   | check_memory   |
|            |   |   | processor     |
|            |   |   | uptime   |
|            |   |   | vmware_tools  |

4 CPU, average load 0.0% < 10.10.1.1% : OK

Physical Memory: 36%used(1491MB/4095MB) Virtual Memory: 34%used(1643MB/4799MB) (<80%) : OK







CPU : noSuchObject noSuchObject noSuchObject : OK

OK: Hardware: Intel64 Family - up 3 hours 8 minutes

1 services active (matching "Vmware Tools") : OK

# TEST

- Etat Matériels d'interconnexion

|        |   |   |   |
|--------|---|---|---|
| SW2    |  |  | check_port-Fa0/1  |
|        |   |   | check_port-Fa0/2  |
|        |   |   | processor    |
|        |   |   | status  |
|        |   |   | uptime  |
| B-RT01 |  |  | check_port-GB0/0/0  |
|        |   |   | check_port-GB0/0/1  |
|        |   |   | processor  |
|        |   |   | uptime  |

FastEthernet0/1:UP (0.0%/0.0%):1 UP: OK



FastEthernet0/2:UP (0.0%/0.0%):1 UP: OK

GigabitEthernet0/0/0:UP (0.0%/0.0%):1 UP: OK

GigabitEthernet0/0/1:UP (0.0%/0.0%):1 UP: OK

# TEST

- Etat Imprimantes

| Host ▲▼  | Service ▲▼                | Status ▲▼ |
|--|---------------------------|-----------|
| Printer   | check_printer_pagecount   | OK        |
|  | check_printer_tonnerlevel | OK        |

## Status Information ▲▼

Nombre de pages : 41258

Utilisation of the black cartridge : 0%

# Conclusion

