

# ZABBIX

## FORUM

MEXICO 2022



Zac Gomez

- CCNA: Security, R&S y Collaboration
- CCNP: Security
- ZCS

# Zabbix & Cisco



# MONITOREO Y CISCO

## Equipos:

- Seguridad
- R&S
- Servidores
- Voz

## Protocolos:

- SNMP
- ICMP
- API
- Netflow

# MONITOREANDO EQUIPOS CISCO

Equipo propio de la marca



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# MONITOREANDO EQUIPOS CISCO

## Terceros



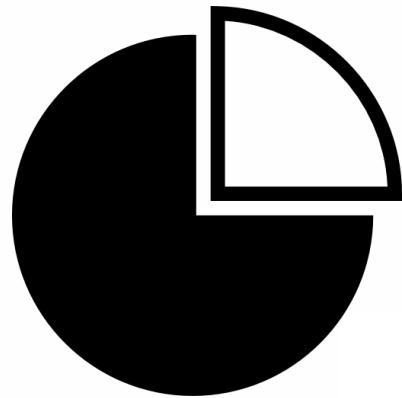
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# MONITOREANDO EQUIPOS CISCO

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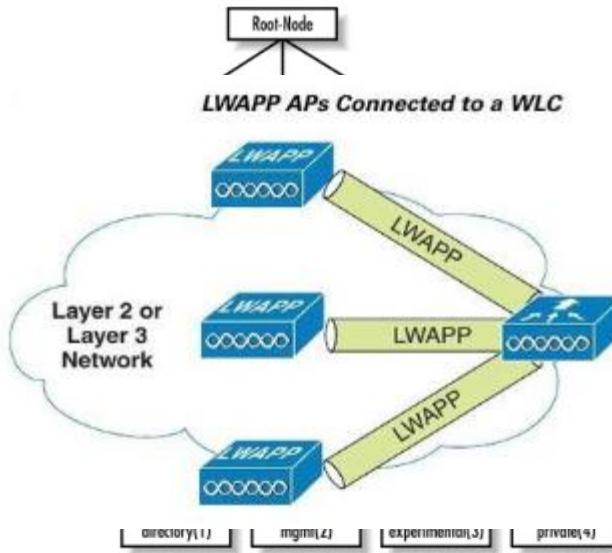
Zabbix



# MONITOREO DE CISCO WIRELESS CONTROLLER

## Requisitos:

- Flujo de Informacion
- SNPM
- LLD



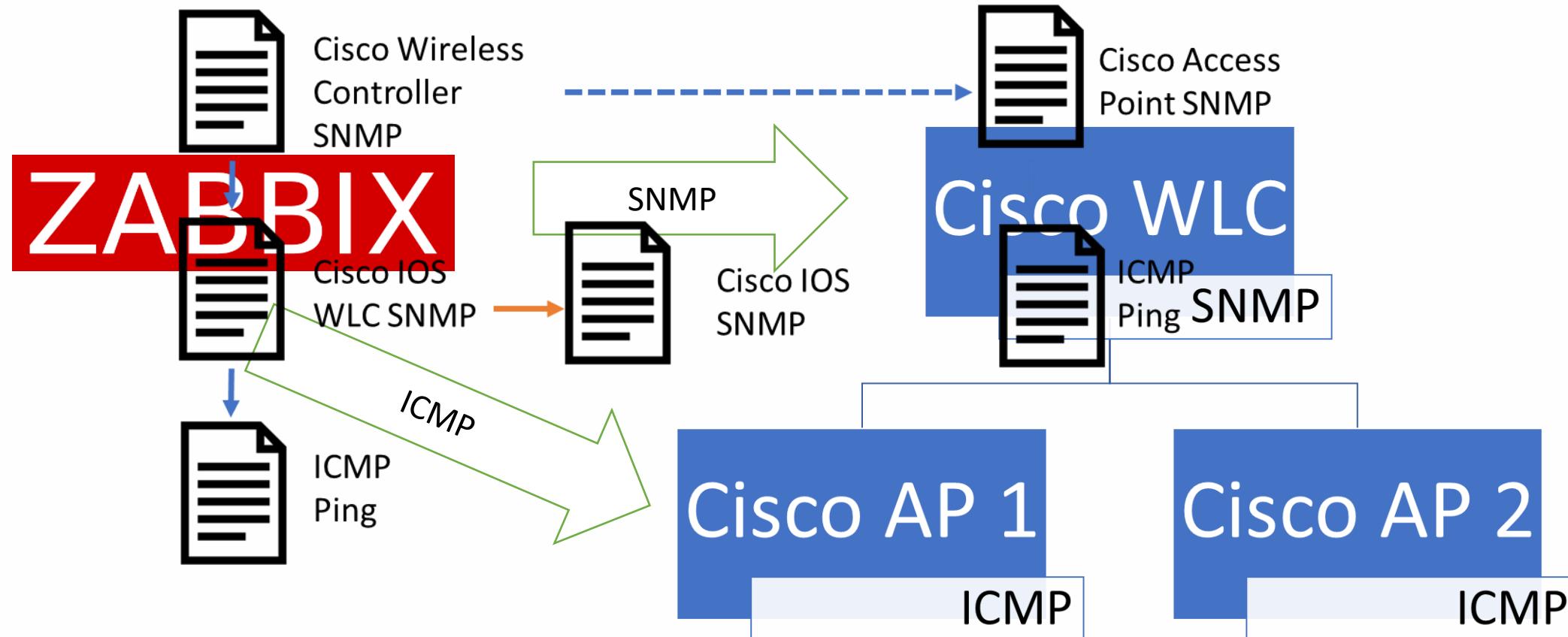
## Para WLC:

- 1.3.6.1.4.1.9.9.618.1.8.12.0 Clientes totales asociados
- 1.3.6.1.4.1.14179.2.1.1.1.1 Index del SSID
- 1.3.6.1.4.1.14179.2.1.1.1.2 Nombre del SSID
- 1.3.6.1.4.1.14179.2.1.1.1.38 Clientes por SSID
- 1.3.6.1.4.1.14179.2.1.1.1.6 Status de SSID

## Para AP:

- 1.3.6.1.4.1.9.9.513.1.1.1.1.7 Capwap uptime
- 1.3.6.1.4.1.14179.2.2.2.1.15 Clientes por AP
- 1.3.6.1.4.1.14179.2.2.1.1.16 Modelo de AP
- 1.3.6.1.4.1.14179.2.2.1.1.17 Serial del AP
- 1.3.6.1.4.1.9.9.513.1.1.1.1.6 Uptime de AP
- 1.3.6.1.4.1.14179.2.2.1.1.31 Version del AP
- 1.3.6.1.4.1.14179.2.2.1.1.1 MAC del AP
- 1.3.6.1.4.1.14179.2.2.1.1.19 IP del AP
- 1.3.6.1.4.1.14179.2.2.1.1.3 Nombre del AP
- 1.3.6.1.4.1.9.9.623.1.3.1.1.8 CDP Neighbor IP
- 1.3.6.1.4.1.9.9.623.1.3.1.1.6 CDP Neighbor Name
- 1.3.6.1.4.1.9.9.623.1.3.1.1.9 CDP Neighbor Port

# FLUJO DE INFORMACION



# CONFIGURACION



## Templates

[Create template](#) [Import](#)

 Filter 

Host groups

[Select](#)

Tags

[And/Or](#)
[Or](#)

Linked templates

[Select](#)

Tag

Contains

↴

value

[Remove](#)
[Add](#)

Name

[Apply](#)
[Reset](#)

<input type="checkbox"/>	Name	Hosts	Items	Triggers	Graphs	Dashboards	Discovery	Web	Linked templates	Linked to templates	Tags
<input type="checkbox"/>	Cisco Access Point SNMP	Hosts 1	Items 16	Triggers 13	Graphs	Dashboards	Discovery	Web	ICMP Ping		Device: Access Point
<input type="checkbox"/>	Cisco ASAv SNMP	Hosts	Items 6	Triggers 2	Graphs	Dashboards	Discovery 5	Web			class: application target:cisco target:cisco-asav
<input type="checkbox"/>	Cisco Catalyst 3750V2-24FS SNMP	Hosts	Items 14	Triggers 8	Graphs	Dashboards	Discovery 8	Web			class: network target:cisco target:cisco-catalyst ***
<input type="checkbox"/>	Cisco Catalyst 3750V2-24PS SNMP	Hosts 1	Items 14	Triggers 8	Graphs	Dashboards	Discovery 8	Web			class: network target:cisco target:cisco-catalyst ***
<input type="checkbox"/>	Cisco Catalyst 3750V2-24PS Zatagonet SNMP	Hosts	Items 14	Triggers 8	Graphs	Dashboards	Discovery 8	Web			class: network target:cisco target:cisco-catalyst ***
<input type="checkbox"/>	Cisco Catalyst 3750V2-24TS SNMP	Hosts	Items 14	Triggers 8	Graphs	Dashboards	Discovery 8	Web			class: network target:cisco target:cisco-catalyst ***
<input type="checkbox"/>	Cisco Catalyst 3750V2-48PS SNMP	Hosts	Items 14	Triggers 8	Graphs	Dashboards	Discovery 8	Web			class: network target:cisco target:cisco-catalyst ***
<input type="checkbox"/>	Cisco Catalyst 3750V2-48TS SNMP	Hosts	Items 14	Triggers 8	Graphs	Dashboards	Discovery 8	Web			class: network target:cisco target:cisco-catalyst ***

# RESULTADO FINAL

**Zatagonet**  
just Results

**Hosts**

**Create host**

Name:  Status:  Any  Enabled  Disabled

Host groups:  Select Tags:  And/Or  Or   
 Tag:  Contains  Remove

IP:  DNS:  Port:

Show hosts in maintenance:  Show suppressed problems:

Severity:  Not classified  Warning  High   
 Information  Average  Disaster

Name	Interface	Availability	Tags	Status	Latest data	Problems	Graphs	Dashboards	Web
vmware	10.90.90.1:10050	ZBX	class: software target: vmware target: vmware-hyperv...	Disabled	Latest data	Problems	Graphs	Dashboards	Web
Zabbix server	127.0.0.1:10050	ZBX	class: database class: os class: software ...	Enabled	Latest data 422	21	Graphs 51	Dashboards 5	Web 1
ztg-ap1.zatagonet	10.90.92.12:10050	ZBX SNMP	Device: Access Point	Enabled	Latest data 17	Problems	Graphs 2	Dashboards 1	Web
ztg-fw.zatagonet.com	10.90.90.254:161	SNMP		Enabled	Latest data 49	1	Graphs 8	Dashboards	Web
ztg-sw	10.90.94.156:161	SNMP	class: network target: cisco target: cisco-catalyst ...	Disabled	Latest data	Problems	Graphs	Dashboards	Web
ztg-userphole.zatagonet.com	10.90.89.251:10050	ZBX	class: os class: software target: certificate ...	Enabled	Latest data 80	Problems	Graphs 14	Dashboards 2	Web
ZTG-WIN	10.90.91.1:10050	ZBX	class: os target: windows	Disabled	Latest data	Problems	Graphs 11	Dashboards 2	Web
ZTG-WINDOWS	10.90.89.253:10050	ZBX	class: os target: windows	Enabled	Latest data 143	2	Graphs 18	Dashboards 2	Web

¡Gracias!

