

Wimark One: SNMP

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- SNMP
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-
-
- Wireless Traps
- MIB OID
 - OID
 - OID (NotificationVarBind)

SNMP (Simple Network Management Protocol) Wimark One.

- Wimark One SNMP;
- SNMP.

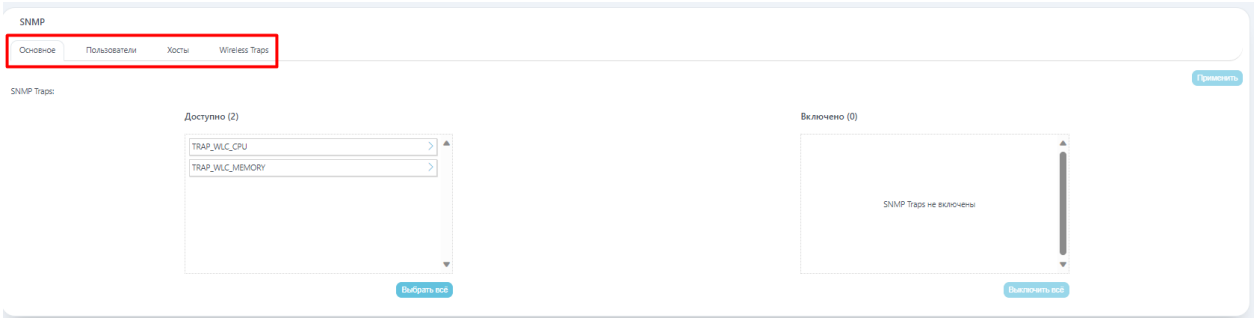
SNMP SNMP:

- , ;
- RADIUS, RADIUS;
- , ;
- , ;
- Wi-Fi ;
- , ;
- , ;
- wifi-;
- , ;
- - ,

SNMP Read/Set (, Zabbix, ,), SNMP Trap ().

SNMP

- //SNMP.
- :
-
-
-
-
- Wireless Traps.



- TRAP_WLC_CPU - - 10 . “ ” , “ ” .
- TRAP_WLC_MEMORY - - , , 10 .

“ ” “ ” “ ” “ ”

SNMP (2).

SNMP

ОсновноеПользователиХостыWireless Traps

Добавить

Имя пользователя	Протокол аутентификации	Протокол конфиденциальности
Пользователь 1	MD5	DES

2

“ ” :

- ;
- (MD5\SHA);
- ;
- (DES\AES);
- .

“ ” (3) , .

SNMP

ОсновноеПользователиХостыWireless Traps

Добавить

IP адрес	Порт	Версия	Тип	Community String
1.2.3.4	192	V2	traps	Сообщество

3

“ ” :

- IP - , , ;
- - Wimarк One_1.11 SNMP 2;
- Community String () - (), - . ;
- - , , ;
- - traps.

Wireless Traps

“Wireless Traps” (4) - .

0 0 “ ” “ ”

SNMP

ОсновноеПользователиХостыWireless Traps

Выборка scdВыборка scdПрименить изменения

Access Point

☐ AP Stats☐ Interface Up☐ Mode☐ Вибрать scd

Wireless Client

☐ Associate☐ Disassociate☐ Вибрать scd

4

Access Point

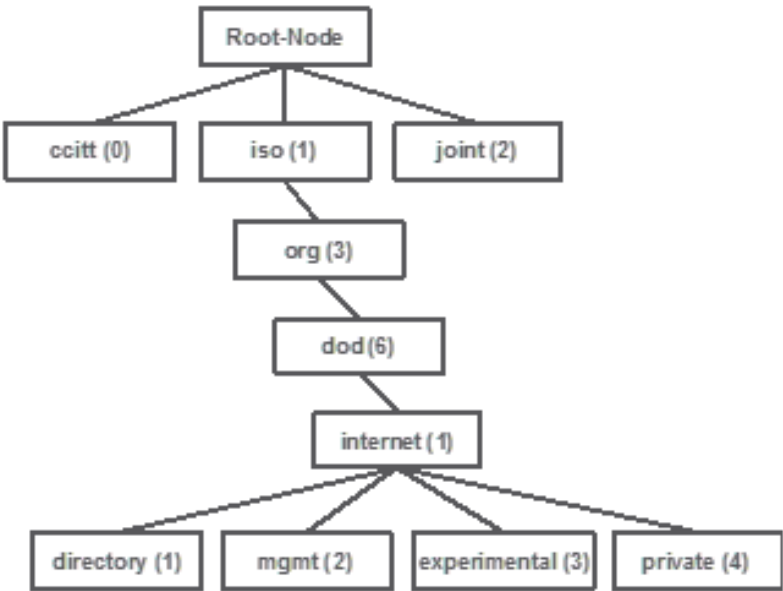
- AP Stats - (30) - CPU RAM ;
- Interface UP - - , ;
- Mode - - .

Wireless Client

- Associate - ;
- Disassociate - .

MIB OID

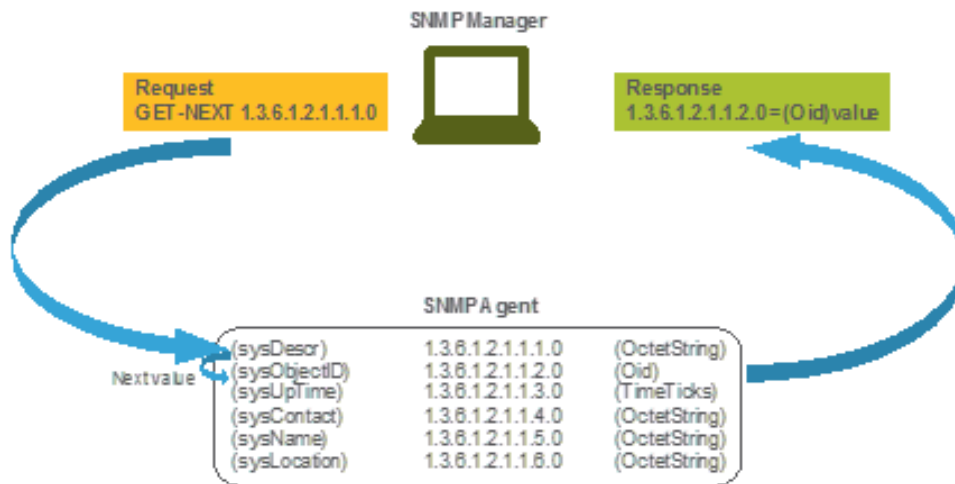
MIB, OID.
MIB (Management Information Base) - .
(Object Identifier), OID, — , . , OID . , , , .



MIB .: "wlcAPCpuUtil" - , . MIB :

```
wlcAPCpuUtil NOTIFICATION-TYPE
  OBJECTS {
    APMacAddress,
    APCpuUtilStatus
  }
  STATUS current
  DESCRIPTION
    "WLC AP CPU Utilization event"
  ::= { Traps 1 }
```

, OID, , , OID., MIB , .
SNMP SNMP 1.3.6.1.2.1.1.1.0.



6

OID, Wmark One.

OID

	OID	MIB		
wlcAPCpuUtil	. 1.3.6.1.4.1.52400.1.1.1.8.1.1	NMS-SYSTEM-MIB	APMacAddress, APCpuUtilStatus	WLC AP CPU Utilization event ()
wlcAPMemoryUtil	. 1.3.6.1.4.1.52400.1.1.1.8.1.2	NMS-SYSTEM-MIB	APMacAddress, APMemoryUtilStatus	WLC AP Memory Utilization event ()
wlcCpuUtil	. 1.3.6.1.4.1.52400.1.1.1.8.1.3	NMS-SYSTEM-MIB	wlcCpuUtilizations	WLC CPU Utilization event ()
wlcMemoryUtil	. 1.3.6.1.4.1.52400.1.1.1.8.1.4	NMS-SYSTEM-MIB	wlcMemoryUtilizations	WLC Memory Utilization event ()
wlcAPClient	. 1.3.6.1.4.1.52400.1.1.1.8.1.5	NMS-SYSTEM-MIB	APMacAddress, APClientEvent	WLC AP Client connect or disconnect (wifi-)
wlcAPState	. 1.3.6.1.4.1.52400.1.1.1.8.1.6	NMS-SYSTEM-MIB	APMacAddress, APStateEvent	WLC AP State connect or disconnect ()
wlcAPInterfaceState	. 1.3.6.1.4.1.52400.1.1.1.8.1.7	NMS-SYSTEM-MIB	APMacAddress, APInterfaceStateEvent	WLC AP State connect or disconnect (wifi-)

OID (NotificationVarBind)

	OID	MIB			
	. 1.3.6.1.4.1.52400.1.1.1.8.2.1	NMS-SYSTEM-MIB	MacAddress (OCTET STRING) (SIZE (6)). Hint: 1x:	not-accessible	AP MAC address (LAN-MAC-)
	. 1.3.6.1.4.1.52400.1.1.1.8.2.2	NMS-SYSTEM-MIB	Float64TC (SIZE(8))	not-accessible	AP CPU utilization ()
	. 1.3.6.1.4.1.52400.1.1.1.8.2.3	NMS-SYSTEM-MIB	COUNTER32	not-accessible	AP Memory utilization ()
	. 1.3.6.1.4.1.52400.1.1.1.8.2.4	NMS-SYSTEM-MIB	INTEGER {ClientDisconnect(0), ClientConnect(1)}	read-only	Client connect or disconnect ((wifi-))
	. 1.3.6.1.4.1.52400.1.1.1.8.2.5	NMS-SYSTEM-MIB	INTEGER {APDisconnect(0), APConnect(1)}	read-only	PE connect or disconnect (())

	. 1.3.6.1.4.1.52400.1.1.1.8 .2.6	NMS-SYSTEM- MIB	OCTET STRING	read-only	PE Interface state one of (C): ACS (); COUNTRY_UPDATE (); DFS (); DISABLED (); ENABLED (); HT_SCAN (); TERMINATED (); UNINITIALIZED (); UNKNOWN ()
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