

# Supervision d'un serveur HP avec l'iLO

Tout d'abord, on importe un modèle SNMP pour iLO (

<https://github.com/PAPAMICA/Templates/blob/master/Zabbix/iLO-4/Template-SNMP-HP-iLO4.xml>).

On ajoute ensuite l'hôte :

Host

Templates 2

IPMI

Tags

Macros 1

Inventory

Encryption

\* Host name

HP G8 DL360

Visible name

Serveur maison

\* Groups

LAN Maison x

type here to search

Select

Interfaces

Type

IP address

DNS name

Connect to

^

SNMP

192.168.199.253

IP

DNS

\* SNMP version

SNMPv2

\* SNMP community

{ \$SNMP\_COMMUNITY }

☒ Use bulk requests

Add

Description

Monitored by proxy

homelab

Enabled

☒

Update

Clone

Full clone

Delete

Cancel

Et on lui assigne les deux templates pour iLO.

#### Linked templates

Name	Action
HP iLO SNMP	<a href="#">Unlink</a> <a href="#">Unlink and clear</a>
Template-SNMP-HP-iLO4	<a href="#">Unlink</a> <a href="#">Unlink and clear</a>

#### Link new templates








Dans macros, on définit la communauté.

[Hosts](#) / [Serveur maison](#) / [Enabled](#) / [ZBX](#) / [SNMP](#) / [JMX](#) / [IPMI](#) / [Applications to monitor](#) / [Items](#) / [Triggers](#) / [Scripts](#) / [Discovery rules](#)

[Host](#) / [Templates 2](#) / [IPMI](#) / [Tags](#) / [Macros 1](#) / [Inventory](#) / [Encryption](#)

Macro

Value

[Add](#)

Name ▲	Interface	Availability	Tags	Problems	Status
<a href="#">ESXI.home.khroners.fr</a>	192.168.199.252: 10050	<a href="#">ZBX</a> <a href="#">SNMP</a> <a href="#">JMX</a> <a href="#">IPMI</a>			Enabled
<a href="#">ESXI Homelab</a>	192.168.199.252: 10050	<a href="#">ZBX</a> <a href="#">SNMP</a> <a href="#">JMX</a> <a href="#">IPMI</a>			Enabled
<a href="#">khroners.fr</a>	monitoring.khroners.fr: 10050	<a href="#">ZBX</a> <a href="#">SNMP</a> <a href="#">JMX</a> <a href="#">IPMI</a>			Enabled
<a href="#">OpenVPN</a>	192.168.199.250: 10050	<a href="#">ZBX</a> <a href="#">SNMP</a> <a href="#">JMX</a> <a href="#">IPMI</a>			Enabled
<a href="#">pi-hole</a>	192.168.199.248: 10050	<a href="#">ZBX</a> <a href="#">SNMP</a> <a href="#">JMX</a> <a href="#">IPMI</a>			Enabled
<a href="#">proxy-homelab</a>	192.168.199.5: 10050	<a href="#">ZBX</a> <a href="#">SNMP</a> <a href="#">JMX</a> <a href="#">IPMI</a>			Enabled
<a href="#">Serveur Docker</a>	192.168.199.247: 10050	<a href="#">ZBX</a> <a href="#">SNMP</a> <a href="#">JMX</a> <a href="#">IPMI</a>			Enabled
<a href="#">Serveur maison</a>	192.168.199.253: 161	<a href="#">ZBX</a> <a href="#">SNMP</a> <a href="#">JMX</a> <a href="#">IPMI</a>		<a href="#">1</a>	Enabled

Quelques exemples de remontées :

▼	Serveur maison	Disk arrays (4 Items)			
<input type="checkbox"/>		#0: Disk array cache controller battery status ⓘ	2021-03-22 10:50:47	Ok (2)	Graph
<input type="checkbox"/>		#0: Disk array cache controller status ⓘ	2021-03-22 09:27:51	enabled (3)	Graph
<input type="checkbox"/>		Slot 0: Disk array controller model ⓘ	2021-03-22 10:46:50	sa-p420i (49)	Graph
<input type="checkbox"/>		Slot 0: Disk array controller status ⓘ	2021-03-22 09:55:50	ok (2)	Graph
▼	Serveur maison	Fans (8 Items)			
<input type="checkbox"/>		Fan 0.1: Fan status ⓘ	2021-03-22 10:31:51	ok (2)	Graph
<input type="checkbox"/>		Fan 0.2: Fan status ⓘ	2021-03-22 10:43:51	ok (2)	Graph
<input type="checkbox"/>		Fan 0.3: Fan status ⓘ	2021-03-22 10:10:50	ok (2)	Graph
<input type="checkbox"/>		Fan 0.4: Fan status ⓘ	2021-03-22 09:15:50	ok (2)	Graph
<input type="checkbox"/>		Fan 0.5: Fan status ⓘ	2021-03-22 10:53:18	ok (2)	Graph
<input type="checkbox"/>		Fan 0.6: Fan status ⓘ	2021-03-22 10:46:50	ok (2)	Graph
<input type="checkbox"/>		Fan 0.7: Fan status ⓘ	2021-03-22 08:45:52	ok (2)	Graph
<input type="checkbox"/>		Fan 0.8: Fan status ⓘ	2021-03-22 10:11:47	ok (2)	Graph
▼	Serveur maison	Inventory (2 Items)			
<input type="checkbox"/>		Hardware model name ⓘ	2021-03-22 10:46:50	ProLiant DL360p Gen8	History

▼	Serveur maison	Physical disks (12 Items)			
<input type="checkbox"/>		Port 1I Box 1 Bay 1: Disk size ⓘ	2021-03-22 10:46:50	279.4 GB	
<input type="checkbox"/>		Port 1I Box 1 Bay 1: Physical disk media type ⓘ	2021-03-22 10:16:51	rotatingPlatters (2)	
<input type="checkbox"/>		Port 1I Box 1 Bay 1: Physical disk model name ⓘ	2021-03-22 10:22:50	EH0300FBQDD	
<input type="checkbox"/>		Port 1I Box 1 Bay 1: Physical disk S.M.A.R.T. status ⓘ	2021-03-22 09:04:18	ok (2)	
<input type="checkbox"/>		Port 1I Box 1 Bay 1: Physical disk serial number ⓘ	2021-03-22 09:55:50		
<input type="checkbox"/>		Port 1I Box 1 Bay 1: Physical disk status ⓘ	2021-03-22 10:49:51	ok (2)	
<input type="checkbox"/>		Port 1I Box 1 Bay 2: Disk size ⓘ	2021-03-22 10:53:18	279.4 GB	
<input type="checkbox"/>		Port 1I Box 1 Bay 2: Physical disk media type ⓘ	2021-03-22 10:49:51	rotatingPlatters (2)	
<input type="checkbox"/>		Port 1I Box 1 Bay 2: Physical disk model name ⓘ	2021-03-22 10:46:50	EH0300FBQDD	
<input type="checkbox"/>		Port 1I Box 1 Bay 2: Physical disk S.M.A.R.T. status ⓘ	2021-03-22 09:53:18	ok (2)	
<input type="checkbox"/>		Port 1I Box 1 Bay 2: Physical disk serial number ⓘ	2021-03-22 09:42:51		
<input type="checkbox"/>		Port 1I Box 1 Bay 2: Physical disk status ⓘ	2021-03-22 10:04:51	ok (2)	
▼	Serveur maison	Power supply (3 Items)			
<input type="checkbox"/>		Chassis 0, bay 1: Power supply status ⓘ	2021-03-22 10:37:50	ok (2)	
<input type="checkbox"/>		Chassis 0, bay 2: Power supply status ⓘ	2021-03-22 10:10:50	other (1)	
<input type="checkbox"/>		Power meter ⓘ	2021-03-22 10:31:51	86 W	-1 W
▼	Serveur maison	Status (6 Items)			
<input type="checkbox"/>		ICMP loss	2021-03-22 10:53:47	0 %	
<input type="checkbox"/>		ICMP ping	2021-03-22 10:53:47	Up (1)	
<input type="checkbox"/>		ICMP response time	2021-03-22 10:53:47	0.71ms	+0.002ms
<input type="checkbox"/>		Overall system health status ⓘ	2021-03-22 10:49:51	degraded (3)	
<input type="checkbox"/>		SNMP agent availability	2021-03-22 10:54:09	available (1)	+1
<input type="checkbox"/>		Uptime ⓘ	2021-03-22 10:53:18	315 days, 14:40:05	+00:03:01

J'ai eu un soucis avec mon serveur HP, qui commence à être âgé : le snmp s'arrête pendant plusieurs minutes et reprend. Idem avec snmpwalk.

Pour enlever les alertes à propos de ça :

Dans Templates, HP iLO, on se rend dans items et on désactive l'item "SNMP Agent availability"

<input type="checkbox"/> Wizard	Name ▲	Triggers	Key	Interval	History	Trends	Type	Applications	Status	Ir
<input type="checkbox"/> ...	Hardware model name		system.hw.model	1m	7d		SNMP agent	Inventory	Enabled	
<input type="checkbox"/> ...	Hardware serial number	Triggers 1	system.hw.serialnumber	1m	7d		SNMP agent	Inventory	Enabled	
<input type="checkbox"/> ...	ICMP Ping: ICMP loss	Triggers 1	icmppingloss	1m	1w	365d	Simple check	Status	Enabled	
<input type="checkbox"/> ...	ICMP Ping: ICMP ping	Triggers 1	icmpping	1m	1w	365d	Simple check	Status	Enabled	
<input type="checkbox"/> ...	ICMP Ping: ICMP response time	Triggers 1	icmppingsec	1m	1w	365d	Simple check	Status	Enabled	
<input type="checkbox"/> ...	Overall system health status	Triggers 2	system.status[cpqHeMibCondition.0]	1m	7d	0d	SNMP agent	Status	Enabled	
<input type="checkbox"/> ...	Power meter		sensor.psu.status[cpqHePowerMeter.PSU.4.0]	1m	90d	365d	SNMP agent	Power supply	Enabled	
<input type="checkbox"/> ...	Generic SNMP: SNMP agent availability	Triggers 1	zabbix[host.snmp.available]	1m	7d	365d	Zabbix internal	Status	Enabled	
<input type="checkbox"/> ...	Generic SNMP: SNMP traps (failback)		snmptrap.failback		2w		SNMP trap	General	Enabled	
<input type="checkbox"/> ...	System: Temperature status		sensor.temp.status[cpqHeThermalCondition.0]	1m	7d	0d	SNMP agent	Temperature	Enabled	
<input type="checkbox"/> ...	Generic SNMP: System contact details		system.contact[sysContact.0]	1h	2w		SNMP agent	General	Enabled	
<input type="checkbox"/> ...	Generic SNMP: System description		system.descr[sysDescr.0]	1h	2w		SNMP agent	General	Enabled	
<input type="checkbox"/> ...	Generic SNMP: System location		system.location[sysLocation.0]	1h	2w		SNMP agent	General	Enabled	
<input type="checkbox"/> ...	Generic SNMP: System name	Triggers 1	system.name	1h	2w		SNMP agent	General	Enabled	
<input type="checkbox"/> ...	Generic SNMP: System object ID		system.objectid[sysObjectID.0]	15m	2w		SNMP agent	General	Enabled	
<input type="checkbox"/> ...	Generic SNMP: Uptime	Triggers 1	system.uptime[sysUpTime.0]	30s	2w	0d	SNMP agent	Status	Enabled	

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## Revision #2

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