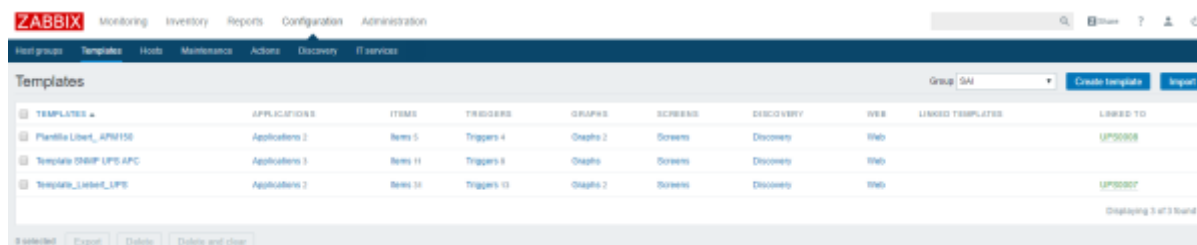


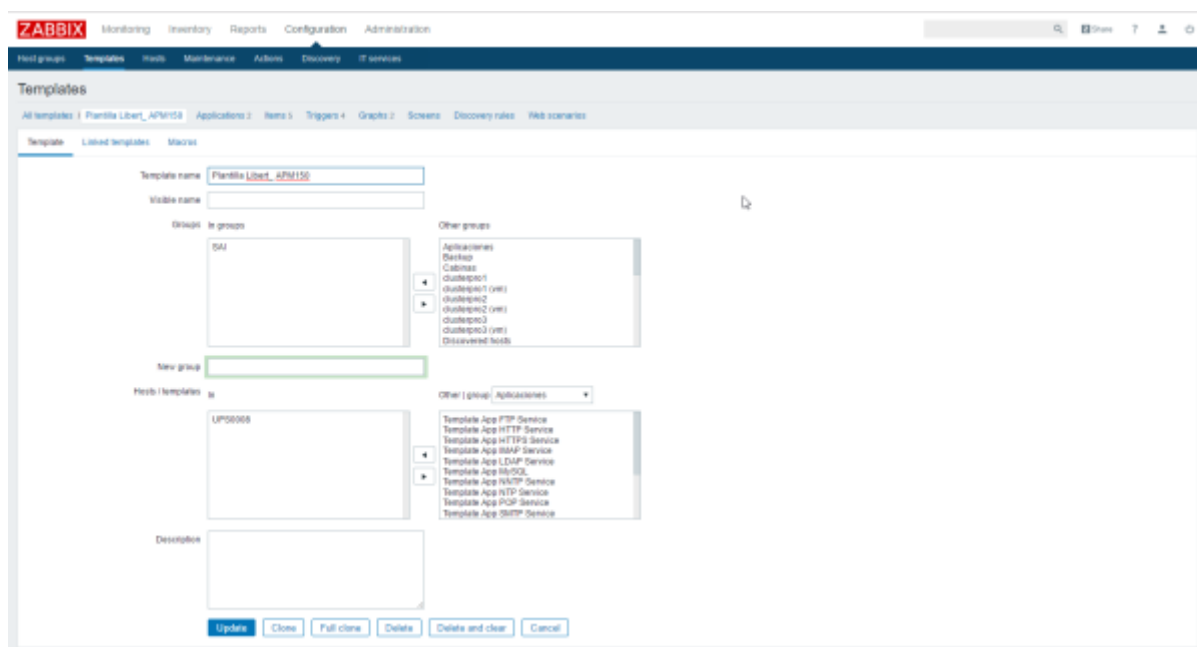
[template](#), [plantilla](#), [zabbix](#), [crear](#)

Creación de plantillas en Zabbix

En este caso vamos a crear una plantilla con una serie de **items** y **triggers** para monitorizar una SAI Libert APM 150. Para ello en la pestaña Configuration→Templates y pulsamos en el botón **Create Template**



Le ponemos un nombre, si pertenece a un grupo y el host al que estará asociada



Crear Item

Lo siguiente será crear un item para nuestra plantilla, para ello pulsamos dentro de dicha plantilla en la opción items y al botón que aparece en la parte superior derecha **Create Item**

The screenshot shows the Zabbix web interface for configuring items. The top navigation bar includes 'Monitoring', 'Inventory', 'Reports', 'Configuration', and 'Administration'. The sub-navigation bar shows 'Host groups', 'Templates', 'Hosts', 'Maintenance', 'Actions', 'Event correlation', 'Discovery', and 'Services'. The main content area is titled 'Items' and features a 'Filter' section with various dropdown menus and input fields for selecting host groups, hosts, applications, and other parameters. Below the filter is a table with columns for 'Name', 'Triggers', 'Key', 'Interval', 'History', 'Trends', 'Type', 'Applications', and 'Status'. The table currently shows 'No data found.' and a status bar at the bottom indicates '0 selected' and 'Displaying 0 of 0 found'.

Voy a crear un item llamado potencia de salida para saber el consumo estimado de potencia a la salida de la SAI. Esto además me va a permitir posteriormente crear una gráfica para tener una visualización en el tiempo de la misma.

Para poder crear el item necesitamos tener los parámetros de SNMP correspondientes al valor que queramos monitorizar. En el caso de la Liebert APM150K se pueden obtener facilmente. Basta con acceder mediante navegador a la tarjeta de configuración de la misma, ir a la pestaña **data/logs** y en desplegable del lateral seleccionar Summary → SNMP Capabilities → Parameters y buscar en parámetro que queremos monitorizar.

The screenshot displays the web interface of an Emerson Network Power APM 150 K device. The interface is divided into several sections:

- Device Identification:** Shows the device name "APM 150 K" and its status "Normal Operation".
- Device Status:** Indicates the device is in "Normal Operation".
- Data/Logs:** A sidebar menu with options: Summary, Downloads, Event Logs, Agent, SNMP Capabilities, Events, and Parameters.
- SNMP Parameters:** A list of SNMP parameters and their values, including:
 - sysDescr, 1.3.6.1.2.1.1.1.0
 - sysObjectID, 1.3.6.1.2.1.1.2.0
 - sysUpTime, 1.3.6.1.2.1.1.3.0
 - sysContact, 1.3.6.1.2.1.1.4.0
 - sysName, 1.3.6.1.2.1.1.5.0
 - sysLocation, 1.3.6.1.2.1.1.6.0
 - lgpAgentIdentManufacturer, 1.3.6.1.4.1.476.1.42.2.1.1.0
 - lgpAgentIdentModel, 1.3.6.1.4.1.476.1.42.2.1.2.0
 - lgpAgentIdentFirmwareVersion, 1.3.6.1.4.1.476.1.42.2.1.3.0
 - lgpAgentIdentSerialNumber, 1.3.6.1.4.1.476.1.42.2.1.4.0
 - lgpAgentDeviceIndex, 1.3.6.1.4.1.476.1.42.2.4.2.1.1.1
 - lgpAgentDeviceId, 1.3.6.1.4.1.476.1.42.2.4.2.1.2.1
 - lgpAgentDeviceManufacturer, 1.3.6.1.4.1.476.1.42.2.4.2.1.3.1
 - lgpAgentDeviceModel, 1.3.6.1.4.1.476.1.42.2.4.2.1.4.1
 - lgpAgentDeviceUnitNumber, 1.3.6.1.4.1.476.1.42.2.4.2.1.6.1
 - lgpAgentDeviceManufactureDate, 1.3.6.1.4.1.476.1.42.2.4.2.1.8.1
 - lgpAgentReboot, 1.3.6.1.4.1.476.1.42.2.5.1.0
 - upsBatteryStatus, 1.3.6.1.2.1.33.1.2.1.0
 - upsEstimatedMinutesRemaining, 1.3.6.1.2.1.33.1.2.3.0
 - upsInputLineIndex, 1.3.6.1.2.1.33.1.3.3.1.1.1
 - upsInputLineIndex, 1.3.6.1.2.1.33.1.3.3.1.1.2
 - upsInputLineIndex, 1.3.6.1.2.1.33.1.3.3.1.1.3
 - upsInputVoltage, 1.3.6.1.2.1.33.1.3.3.1.3.1
 - upsInputVoltage, 1.3.6.1.2.1.33.1.3.3.1.3.2
 - upsInputVoltage, 1.3.6.1.2.1.33.1.3.3.1.3.3
 - upsInputCurrent, 1.3.6.1.2.1.33.1.3.3.1.4.1
 - upsInputCurrent, 1.3.6.1.2.1.33.1.3.3.1.4.2
 - upsInputCurrent, 1.3.6.1.2.1.33.1.3.3.1.4.3
 - upsOutputSource, 1.3.6.1.2.1.33.1.4.1.0
 - upsOutputFrequency, 1.3.6.1.2.1.33.1.4.2.0
 - upsOutputLineIndex, 1.3.6.1.2.1.33.1.4.4.1.1.1
 - upsOutputLineIndex, 1.3.6.1.2.1.33.1.4.4.1.1.2
 - upsOutputLineIndex, 1.3.6.1.2.1.33.1.4.4.1.1.3
 - upsOutputVoltage, 1.3.6.1.2.1.33.1.4.4.1.2.1
 - upsOutputVoltage, 1.3.6.1.2.1.33.1.4.4.1.2.2
 - upsOutputVoltage, 1.3.6.1.2.1.33.1.4.4.1.2.3
 - upsOutputCurrent, 1.3.6.1.2.1.33.1.4.4.1.3.1
 - upsOutputCurrent, 1.3.6.1.2.1.33.1.4.4.1.3.2
 - upsOutputCurrent, 1.3.6.1.2.1.33.1.4.4.1.3.3
 - upsBypassFrequency, 1.3.6.1.2.1.33.1.5.1.0
 - upsBypassLineIndex, 1.3.6.1.2.1.33.1.5.3.1.1.1
 - upsBypassLineIndex, 1.3.6.1.2.1.33.1.5.3.1.1.2
 - upsBypassLineIndex, 1.3.6.1.2.1.33.1.5.3.1.1.3
 - upsBypassVoltage, 1.3.6.1.2.1.33.1.5.3.1.2.1
 - upsBypassVoltage, 1.3.6.1.2.1.33.1.5.3.1.2.2
 - upsBypassVoltage, 1.3.6.1.2.1.33.1.5.3.1.2.3
 - lgpConditionsPresent, 1.3.6.1.4.1.476.1.42.3.2.2.0
 - lgpEnvTemperatureDescrDegC, 1.3.6.1.4.1.476.1.42.3.4.1.3.3.1.2.1
 - lgpEnvTemperatureDescrDegC, 1.3.6.1.4.1.476.1.42.3.4.1.3.3.1.2.2
 - lgpEnvTemperatureMeasurementDegC, 1.3.6.1.4.1.476.1.42.3.4.1.3.3.1.3.1
 - lgpEnvTemperatureMeasurementDegC, 1.3.6.1.4.1.476.1.42.3.4.1.3.3.1.3.2
 - lgpPwrBatteryTimeRemaining, 1.3.6.1.4.1.476.1.42.3.5.1.18.0
 - lgpPwrBatteryCapacityStatus, 1.3.6.1.4.1.476.1.42.3.5.1.19.0

En mi caso el parámetro aparece como **System Output**

Power,1.3.6.1.4.1.476.1.42.3.9.20.1.20.1.2.1.4208 <note> con herramientas como [snmp tester](#) podemos comprobar un dispositivo Configuramos nuestro item

seguridad:monitorizacion:zabbix3:template <https://intrusos.info/doku.php?id=seguridad:monitorizacion:zabbix3:template&rev=1516284681>

Name

Potencia de Salida

Type

SNMPv2 agent

Key

SystemOutputPower

Select

SNMP OID

1.3.6.1.4.1.475.1.42.3.9.20.1.20.1.2.1.4208

SNMP community

{SNMP_COMMUNITY}

Port

161

Type of information

Numeric (unsigned)

Units

kW

Update interval

30s

Custom intervals

Type	Interval	Period	Action
Flexible	Scheduling	50s	1-7,00:00-24:00
			Remove
Add			

History storage period

90d

Trend storage period

365d

Show value

As is

[show value mappings](#)

New application

Applications

-None-

Performance

Populates host inventory field

-None-

Description

Enabled

☒

Creamos ahora nuestra gráfica seleccionando el ítem que acabamos de crear.

The screenshot shows the Zabbix web interface. At the top, there's a navigation bar with tabs: Monitoring, Inventory, Reports, Configuration, and Administration. Below this is a sub-navigation bar with links: Host groups, Templates, Hosts, Maintenance, Actions, Event correlation, Discovery, and Services. The main header is 'Graphs'. Below the header, there's a breadcrumb trail: 'All templates / Plantilla Lieber APM150 / Applications 1 / Items 1 / Triggers'. The 'Graphs' tab is selected. A table with columns 'Name', 'Width', 'Height', and 'Graph type' is shown. The table is empty, with the text 'No data found.' in the center and 'Displaying 0 of 0 found.' at the bottom right. A 'Create graph' button is located in the top right corner of the table area. The status bar at the bottom left shows '0 selected' and buttons for 'Copy' and 'Delete'.

ZABBIX

MonitoringInventoryReportsConfigurationAdministration

Host groupsTemplatesHostsMaintenanceActionsEvent correlationDiscoveryServices

Graphs

All templates / Plantilla Lieber APM150Applications 1Items 1TriggersGraphs 1ScreensDiscovery rulesWeb scenarios

GraphPreview

NameCarga a la salida

Width900

Height200

Graph typeNormal

Show legend☒

Show working time☒

Show triggers☒

Percentile line (left)☐

Percentile line (right)☐

Y axis MIN valueCalculated

Y axis MAX valueCalculated

Items

Name	Function	Draw style	Y axis side	Colour	Action
1: Plantilla Lieber APM150: Potencia de Salida	avg	Line	Left	1A7C11	Remove

Add

Update

Clone

Delete

Cancel

Enlaces

- <http://panicoenelcpd.blogspot.com.es/2011/07/plantilla-de-dispositivos-snmp-en.html>

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