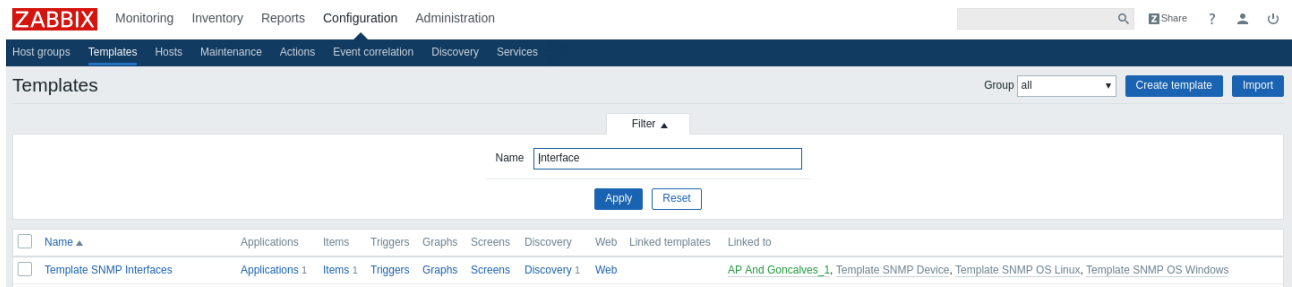
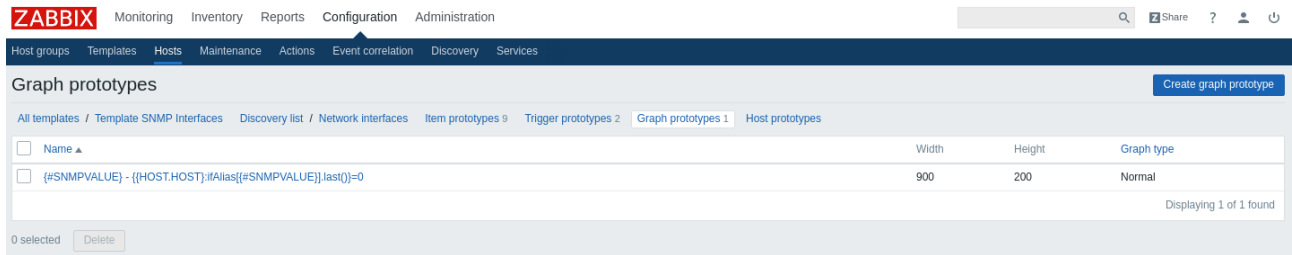


1- The template is OK.



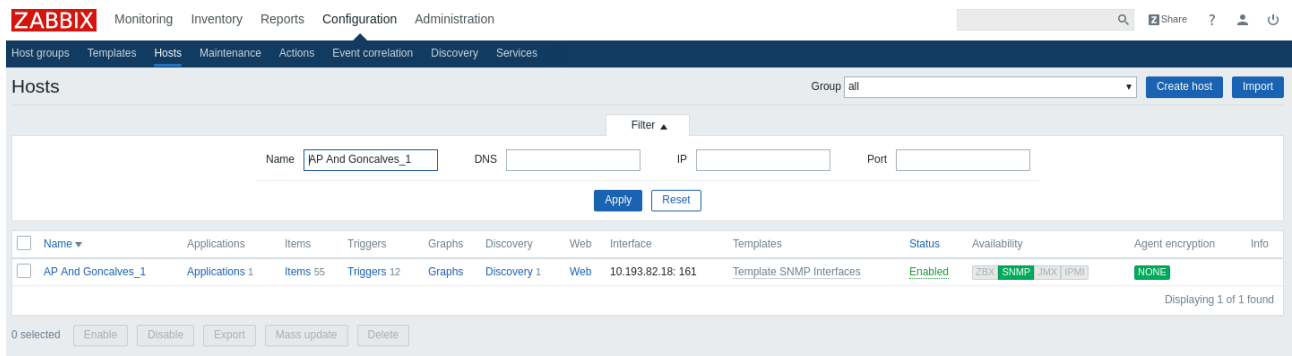
The screenshot shows the Zabbix 'Templates' page. The navigation bar includes 'Monitoring', 'Inventory', 'Reports', 'Configuration', and 'Administration'. The main header shows 'Host groups', 'Templates', 'Hosts', 'Maintenance', 'Actions', 'Event correlation', 'Discovery', and 'Services'. The 'Templates' section has a search bar with 'Interface' entered and buttons for 'Apply' and 'Reset'. Below the search bar is a table with columns for Name, Applications, Items, Triggers, Graphs, Screens, Discovery, Web, Linked templates, and Linked to. One row is visible: 'Template SNMP Interfaces' with various associated items and templates.

2- The graph prototypes is OK.



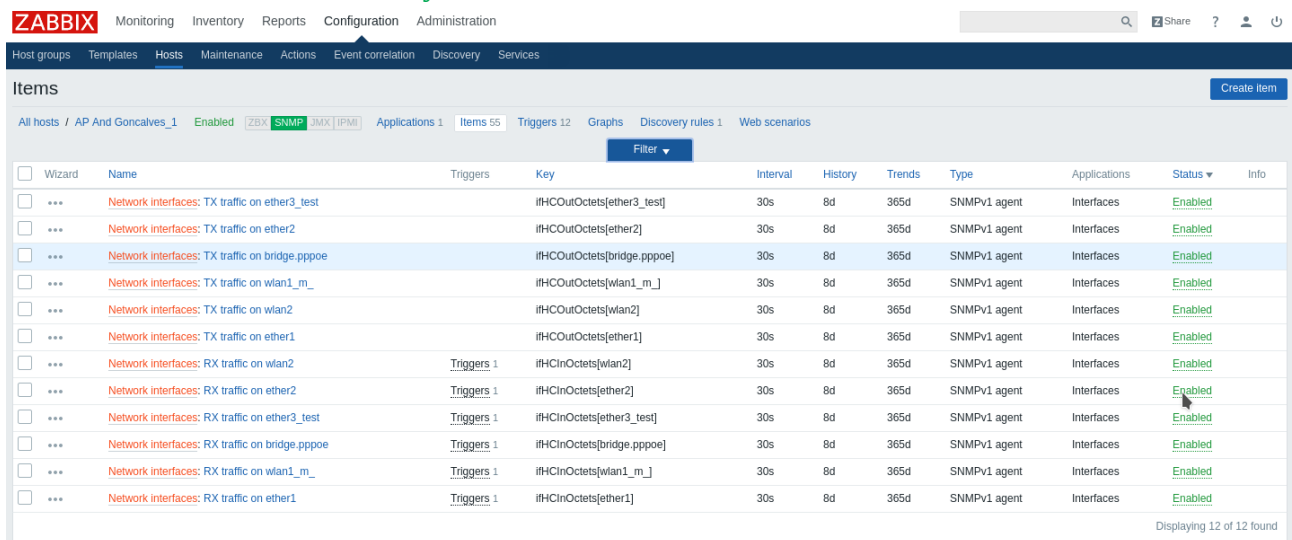
The screenshot shows the Zabbix 'Graph prototypes' page. The navigation bar is the same as in the previous screenshot. The main header shows 'Host groups', 'Templates', 'Hosts', 'Maintenance', 'Actions', 'Event correlation', 'Discovery', and 'Services'. The 'Graph prototypes' section has a search bar and a 'Create graph prototype' button. Below the search bar is a table with columns for Name, Width, Height, and Graph type. One row is visible: '{#SNMPVALUE} - {(HOST.HOST):!Alias[#{SNMPVALUE}]!last()=0' with a width of 900, height of 200, and graph type 'Normal'.

3- Host associated with template is OK.



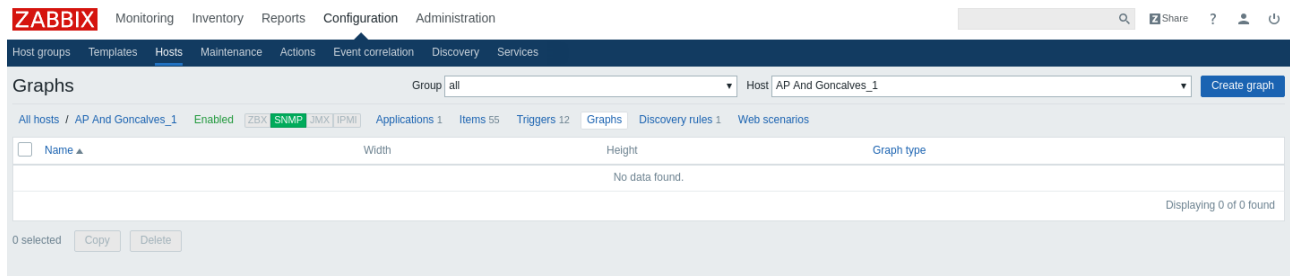
The screenshot shows the Zabbix 'Hosts' page. The navigation bar is the same as in the previous screenshots. The main header shows 'Host groups', 'Templates', 'Hosts', 'Maintenance', 'Actions', 'Event correlation', 'Discovery', and 'Services'. The 'Hosts' section has a search bar and buttons for 'Create host' and 'Import'. Below the search bar is a form with fields for Name, DNS, IP, and Port. The 'Name' field contains 'AP And Goncalves_1'. Below the form is a table with columns for Name, Applications, Items, Triggers, Graphs, Discovery, Web, Interface, Templates, Status, Availability, Agent encryption, and Info. One row is visible: 'AP And Goncalves_1' with various associated items and templates, and a status of 'Enabled'.

4- Items created from discovery rules is OK.



The screenshot shows the Zabbix 'Items' page. The navigation bar is the same as in the previous screenshots. The main header shows 'Host groups', 'Templates', 'Hosts', 'Maintenance', 'Actions', 'Event correlation', 'Discovery', and 'Services'. The 'Items' section has a search bar and a 'Create item' button. Below the search bar is a table with columns for Wizard, Name, Triggers, Key, Interval, History, Trends, Type, Applications, Status, and Info. The table contains 12 rows of items, all with a status of 'Enabled'. The items are related to network interfaces and traffic monitoring.

5- No chart created from discovery rules. [FAIL]



ZABBIX Monitoring Inventory Reports Configuration Administration

Host groups Templates Hosts Maintenance Actions Event correlation Discovery Services

Graphs Group: all Host: AP And Goncalves_1 Create graph

All hosts / AP And Goncalves_1 Enabled ZBX SNMP VMX IPMI Applications 1 Items 55 Triggers 12 Graphs Discovery rules 1 Web scenarios

Name ▲	Width	Height	Graph type
No data found.			

Displaying 0 of 0 found

0 selected Copy Delete

6- Error logged in zabbix_server.log [INFO]

```
5285:20171117:090914.838 [Z3085] query failed: [0] PGRES_FATAL_ERROR:ERROR: INSERT tem mais expressões do que colunas alvo
LINHA 1: ...0,000000,100,000000,1,1,0,1,0,0,000000,0,000000,0,null,0,nul...
[insert into graphs (graphid,name,width,height,yaxismin,yaxismax,show_work_period,show_triggers,graphtype,show_legend,show_3d,percent_left,percent_right,ymin_type,ymin_itemid,y
max_type,ymax_itemid,flags) values (18264,'ether1 - {{(HOST.HOST):ifAlias(ether1).last()}}=0',900,200,0,000000,100,000000,1,1,0,1,0,0,000000,0,000000,0,null,0,null,4),(18265,'ethe
r2 - {{(HOST.HOST):ifAlias(ether2).last()}}=0',900,200,0,000000,100,000000,1,1,0,1,0,0,000000,0,000000,0,null,0,null,4),(18266,'ether3 - {{(HOST.HOST):ifAlias(ether3).las
t()}}=0',900,200,0,000000,100,000000,1,1,0,1,0,0,000000,0,000000,0,null,0,null,4),(18267,'bridge-pppoe - {{(HOST.HOST):ifAlias(bridge-pppoe).last()}}=0',900,200,0,000000,100,000000
,1,1,0,1,0,0,000000,0,000000,0,null,0,null,4),(18268,'vlan1 - {{(HOST.HOST):ifAlias(vlan1_m_).last()}}=0',900,200,0,000000,100,000000,1,1,0,1,0,0,000000,0,000000,0,null,0,nul
l,4),(18269,'vlan2 - {{(HOST.HOST):ifAlias(vlan2).last()}}=0',900,200,0,000000,100,000000,1,1,0,1,0,0,000000,0,000000,0,null,0,null,4);
```

7- My table schema [INFO]

```
-- Table: public.graphs

-- DROP TABLE public.graphs;

CREATE TABLE public.graphs
(
    graphid bigint NOT NULL,
    name character varying(128) COLLATE pg_catalog."default" NOT NULL DEFAULT "",
    width integer NOT NULL DEFAULT 900,
    height integer NOT NULL DEFAULT 200,
    yaxismin numeric(16,4) NOT NULL DEFAULT '0'::numeric,
    yaxismax numeric(16,4) NOT NULL DEFAULT '100'::numeric,
    templateid bigint,
    show_work_period integer NOT NULL DEFAULT 1,
    show_triggers integer NOT NULL DEFAULT 1,
    graphtype integer NOT NULL DEFAULT 0,
    show_legend integer NOT NULL DEFAULT 1,
    show_3d integer NOT NULL DEFAULT 0,
    percent_left numeric(16,4) NOT NULL DEFAULT '0'::numeric,
    percent_right numeric(16,4) NOT NULL DEFAULT '0'::numeric,
    ymin_type integer NOT NULL DEFAULT 0,
    ymax_type integer NOT NULL DEFAULT 0,
    ymin_itemid bigint,
    ymax_itemid bigint,
    flags integer NOT NULL DEFAULT 0,
    CONSTRAINT graphs_pkey PRIMARY KEY (graphid),
    CONSTRAINT c_graphs_1 FOREIGN KEY (templateid)
        REFERENCES public.graphs (graphid) MATCH SIMPLE
        ON UPDATE NO ACTION
        ON DELETE CASCADE,
    CONSTRAINT c_graphs_2 FOREIGN KEY (ymin_itemid)
        REFERENCES public.items (itemid) MATCH SIMPLE
        ON UPDATE NO ACTION
        ON DELETE NO ACTION,
    CONSTRAINT c_graphs_3 FOREIGN KEY (ymax_itemid)
        REFERENCES public.items (itemid) MATCH SIMPLE
        ON UPDATE NO ACTION
        ON DELETE NO ACTION
)
WITH (
    OIDS = FALSE
)
TABLESPACE pg_default;

ALTER TABLE public.graphs
    OWNER to zabbix;

-- Index: graphs_1

-- DROP INDEX public.graphs_1;

CREATE INDEX graphs_1
    ON public.graphs USING btree
    (name COLLATE pg_catalog."default")
    TABLESPACE pg_default;

-- Index: graphs_2

-- DROP INDEX public.graphs_2;
```

```
CREATE INDEX graphs_2
  ON public.graphs USING btree
  (templateid)
  TABLESPACE pg_default;

-- Index: graphs_3

-- DROP INDEX public.graphs_3;

CREATE INDEX graphs_3
  ON public.graphs USING btree
  (ymin_itemid)
  TABLESPACE pg_default;

-- Index: graphs_4

-- DROP INDEX public.graphs_4;

CREATE INDEX graphs_4
  ON public.graphs USING btree
  (ymax_itemid)
  TABLESPACE pg_default;
```