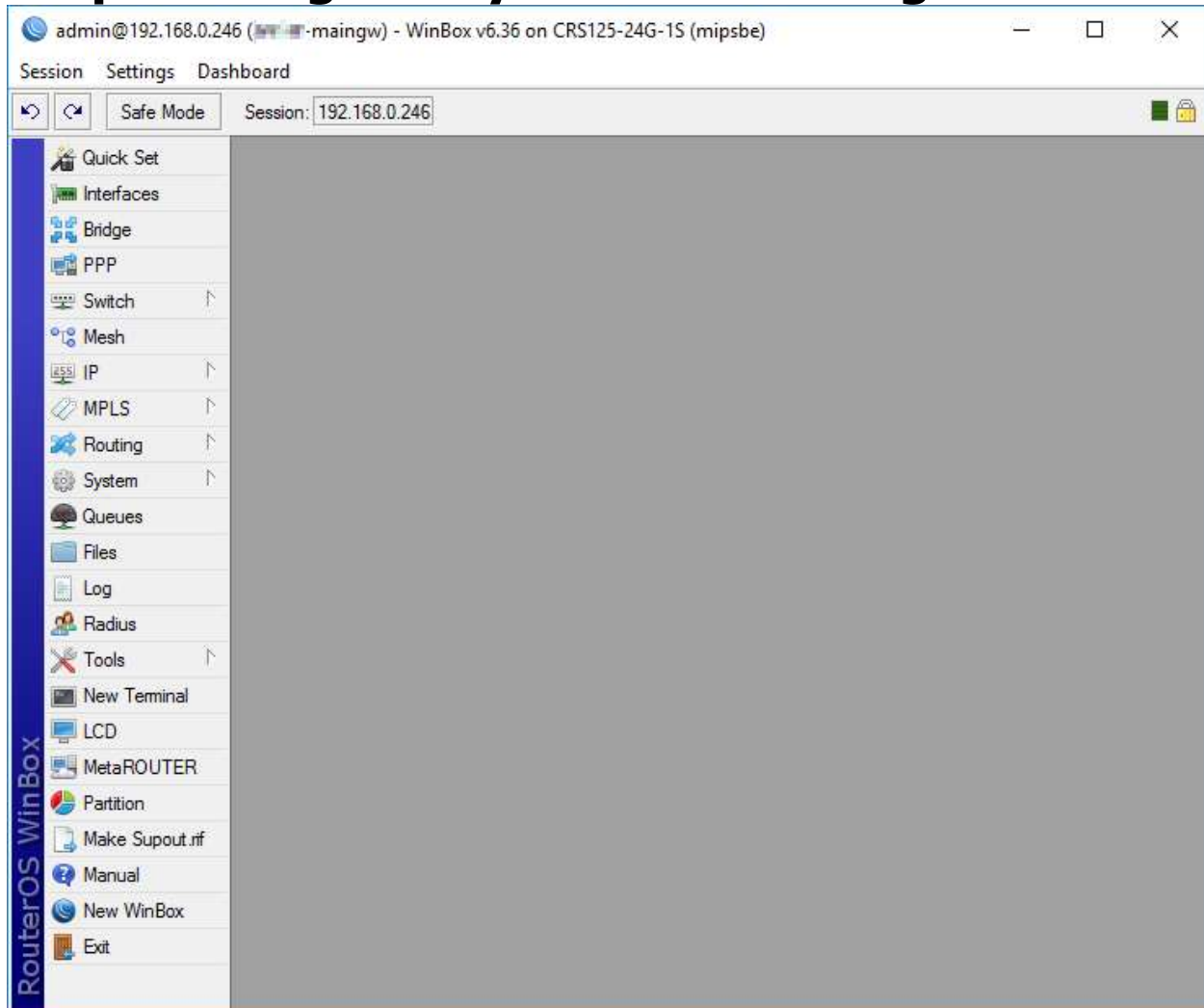
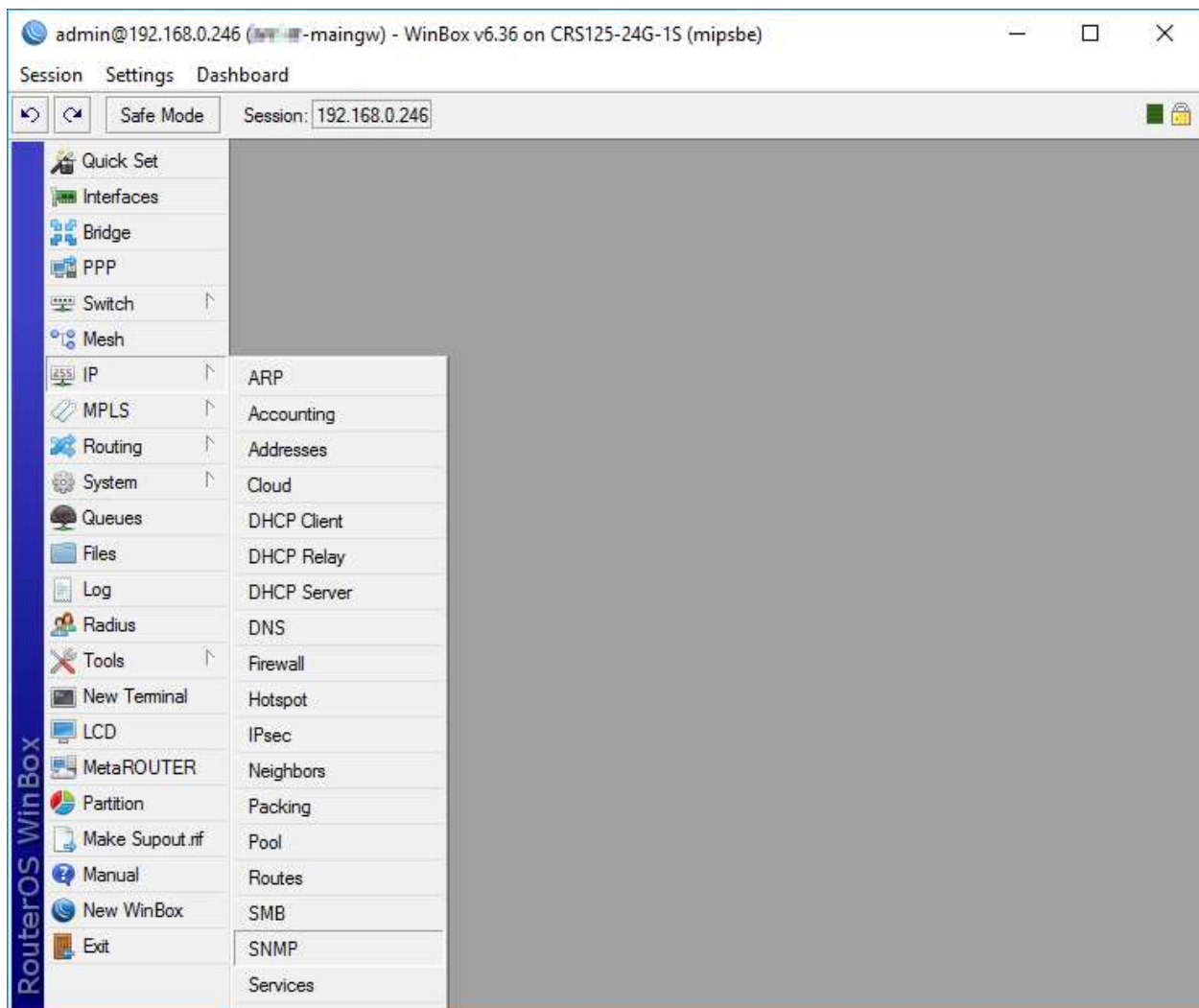


# How to Add Mikrotik Router in Zabbix

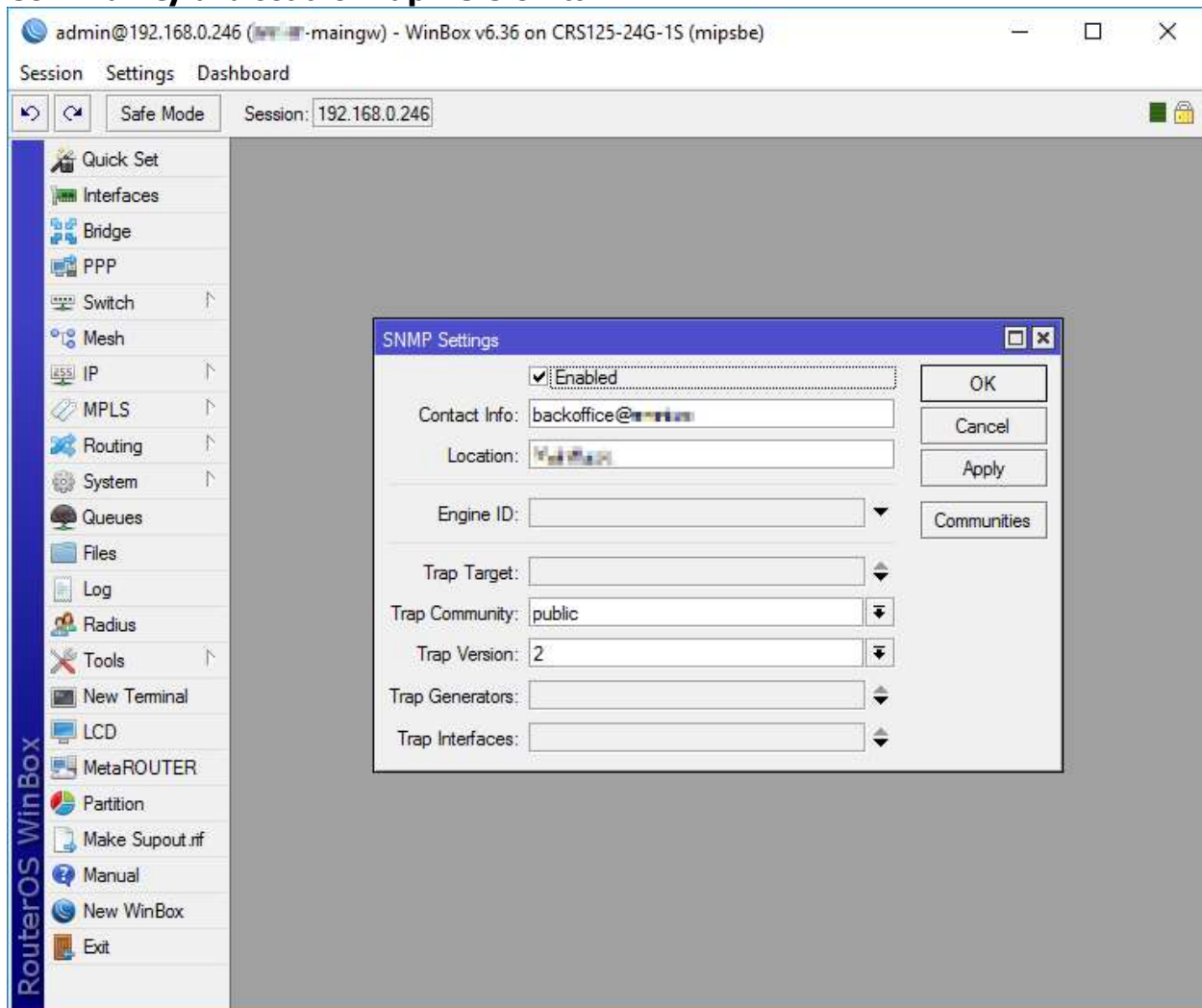
## Step-01: Log in to your router using winbox:



Go to **IP** -> **SNMP**:



The SNMP Settings panel will appear. Check **Enabled**, enter your email address into the **Contact Info** field and assign a descriptive **Location**. Enter *public* as **Trap Community** and set the **Trap Version** to 2.



## Step-02: Test the SNMP communication between the Zabbix server and the Mikrotik device:

On the Zabbix server console, use the following commands to install and test the SNMP communication.

```
# yum install install php7.0-snmp php7.0-cli snmp snmp-mibs-downloader python-netsnmp libnet-snmp-perl libcurl3 curl libsnmp-dev fping
```

Now check Mikrotik Router snmp service command below.

```
ROOT@ZBX:~# SNMPWALK -V 2C -C PUBLIC 105.107.201.191
```

**105.107.201.191** this is Mikrotik Router IP address.

Congratulations! The SNMP service was configured successfully on the Mikrotik router.

### **Step #03: Now goto Zabbix Server web login then add SNMP host like as Mikrotik Router.**

Click **Configuration / Hosts** see top right corner **Create host** click it.

**Input details Host Tab**

Host Name : Mikrotik

Add SNMP Interface : Add Mikrotik IP address

Hosts

Host Templates IPMI Macros Host inventory Encryption

Host name Mikrotik

Visible name Mikrotik

Groups In groups

demo

Other groups

Discovered hosts  
Hypervisors  
Linux servers  
Templates  
Templates/Applications  
Templates/Databases  
Templates/Modules  
Templates/Network Devices  
Templates/Operating Systems  
Templates/Servers Hardware

New group

Agent interfaces IP address DNS name Community port Default

Add

SNMP interfaces

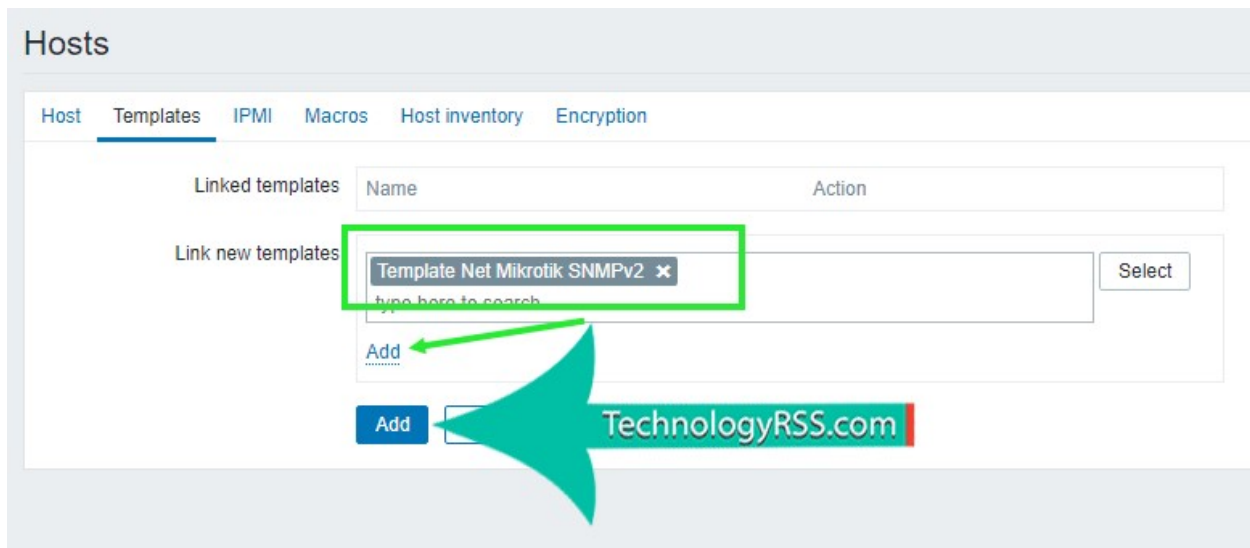
105.107.201.191 IP DNS 161 Remove

☒ Use bulk requests

Add

Goto **Templates Tab** for Input Templates. Type below name and select it. Click Add for Link template then, finally click Add button.

**Template Net Mikrotik SNMPv2**



Wait for at least few minutes get data from Mikrotik Router.

## Step #04: Check Mikrotik Router details.

Go to **Monitoring / Latest data** then select Mikrotik host click **Apply**  
See example below:

ZABBIX Monitoring Inventory Reports Configuration Administration

Dashboard Problems Overview Web Latest data Triggers Graphs Screens Maps Discovery Services nMonitor

Latest data

Filter

Host groups type here to search Select

Hosts Mikrotik x type here to search Select

Application type here to search Select

Show items without data ☒

Show details ☐

Apply

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Name	Last check	Last value	Change
CPU (2 Items)			
#1: CPU utilization	2018-03-26 15:57:11	0 %	Graph
#2: CPU utilization	2018-03-26 15:57:11	0 %	Graph
General (6 Items)			
Device contact details	2018-03-26 15:00:11		History
Device description	2018-03-26 15:00:11	RouterOS CHR	History
Device location	2018-03-26 15:00:11		History
Device name	2018-03-26 15:00:11	MikroTik	History
SNMP traps (fallback)			History
System object ID	2018-03-26 15:00:11	iso.3.6.1.4.1.14988.1	History
Inventory (4 Items)			