Installing SlapOS Slave Node with a USB Key

by SlapOS Team.
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Agenda

- The Requirements
- The Computer
- The Key
- The Monitor

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The Requirements

- A VIFIB Account
- A USB Key
- A Fresh PC

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The Key

Write a key (CLI)

```
# Download http://community.slapos.org/download/latest-oem
  # Untar it
  tar xzf SlapOS_Image.x86_64-0.5.16.oem.tar.gz


  # Write key
  dd if=SlapOS_Image.x86_64-0.5.16.raw of=/dev/sdX
```

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First download the SlapOS image. This image was created with SuSE studio. It is a universal image which can be installed on a USB key or on a hard disk. SuSE studio can also generate images for VMWare, qemu, VirtualBox, etc. for those who want to try SlapOS on a virtual machine rather than on a bare metal server (Here is the image for Virtual Machines). After the download is completed, unpack the image with tar.

You can now write the image to the USB key. Plug the USB key into your PC. You will need to have superuser rights to proceed or use sudo. Identify which device (/dev/sdX) is the one which corresponds to the USB key you just inserted, by running the command:

- lsblk

in a terminal (you should easily find your key thanks to its size, also note that most of the time your computer hard disk will be /dev/sda and that partitions, with name like /dev/sdX1 do not interest us here).

Once you know which device corresponds to the USB key, you may proceed.

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Boot

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The Monitor

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Add Zabbix Instance

```
$ ~/slapos-client/bin/slapconsole ~/slapos-client/slapos-client.cfg

  # Replace by your ID
  node_id = COMP-ID-of-your-computer
```

```
# Install Zabbix on node
supply(node_id, zabbixagent)
# VIFIB Zabbix Server: (you can use yours)
#   2001:41d0:1:9bff:21c:c0ff:fe11:dc1e,2001:41d0:1:9b1a::1
zabbix_instance = request(zabbixagent,
'zabbix monitoring for my machine',
filter_kw=dict(computer_guid=node_id),
partition_parameter_kw=dict(server='2001:41d0:1:9bff:21c:c0ff:fe11:dc1e,2001:41d0:1:9b1a::1',
hostname='your hostname')
)

# Wait ... and get parameters
zabbix_instance.getConnectionParameter('ip')
zabbix_instance.getConnectionParameter('port')
```

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What Next?

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How to Contribute

- Add Computers
- Add Computers
- Add Computers
- Add Computers

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