



# Internet of Things

2019/2020

# A virtual machine for the IoT

# Motivations

- Many software are available for designing WSNs and IoT solutions
- No “standard” configuration is available
- Depending on the application, one solution may be preferable
- Even the installation of a programming environment itself is a time-consuming task

# IoT Virtual Machine

- A Virtual Machine is an emulation of a computer
- The Virtual Machine contains most of the needed tools
- Download Link:

<https://tinyurl.com/iotpolimi-vm>

# How to run it

1. Download Oracle VM VirtualBox for your laptop (make sure to have at least 10 GB of free space on your HDD): [https://www.virtualbox.org/wiki/Download\\_Old\\_Builds\\_5\\_2](https://www.virtualbox.org/wiki/Download_Old_Builds_5_2)
2. Download the IOT virtual machine from the provided link
3. Open VirtualBox and go to [File->Import Appliance](#) and import the file [iot\\_polimi.ova](#)
4. Boot the VM:  
    user: user  
    password: user
5. Don't update the VM, ignore messages

# Errors

- In case of error:
  - Try to increase the base memory
  - Try to increase the video memory
  - Search on google
  - Write on the Beep Forum



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