

# NixOS Database Systems Virtual Machine

## Download and Import into VirtualBox

- Download [NixOS DbS VM](https://www.fit.vutbr.cz/homes/rychly/nixos-dbs-vm/nixos.ova) [https://www.fit.vutbr.cz/homes/rychly/nixos-dbs-vm/nixos.ova].
- Open the downloaded file in [Oracle VirtualBox](https://www.virtualbox.org/) [https://www.virtualbox.org/] as “File” and “Import Appliance...”.

## Configure and Start

- In the VirtualBox, open “Settings” of the imported virtual machine.
- Open “Network” tab and its “Advanced” section, click “Port Forwarding” button.
- Add a new port-forwarding rule with the following settings:
  - TCP protocol
  - host port 10022
  - guest port 22
- Start the virtual machine.

## Connect by SSH

- Run a local SSH client application, e.g.,
  - Windows: `ssh://demo@localhost:10022` [ssh://demo@localhost:10022] by [PuTTY](https://putty.org/) [https://putty.org/]
  - Linux: `ssh -o "StrictHostKeyChecking=no" -p 10022 demo@localhost`

- Connect to:
  - hostname `localhost`
  - port `10022`
  - user `demo`
  - password `demo`