

Next Step ReLU

Cloud server access setup

Vladivostok, Oct 3-4

Microsoft® Windows Setup



Microsoft

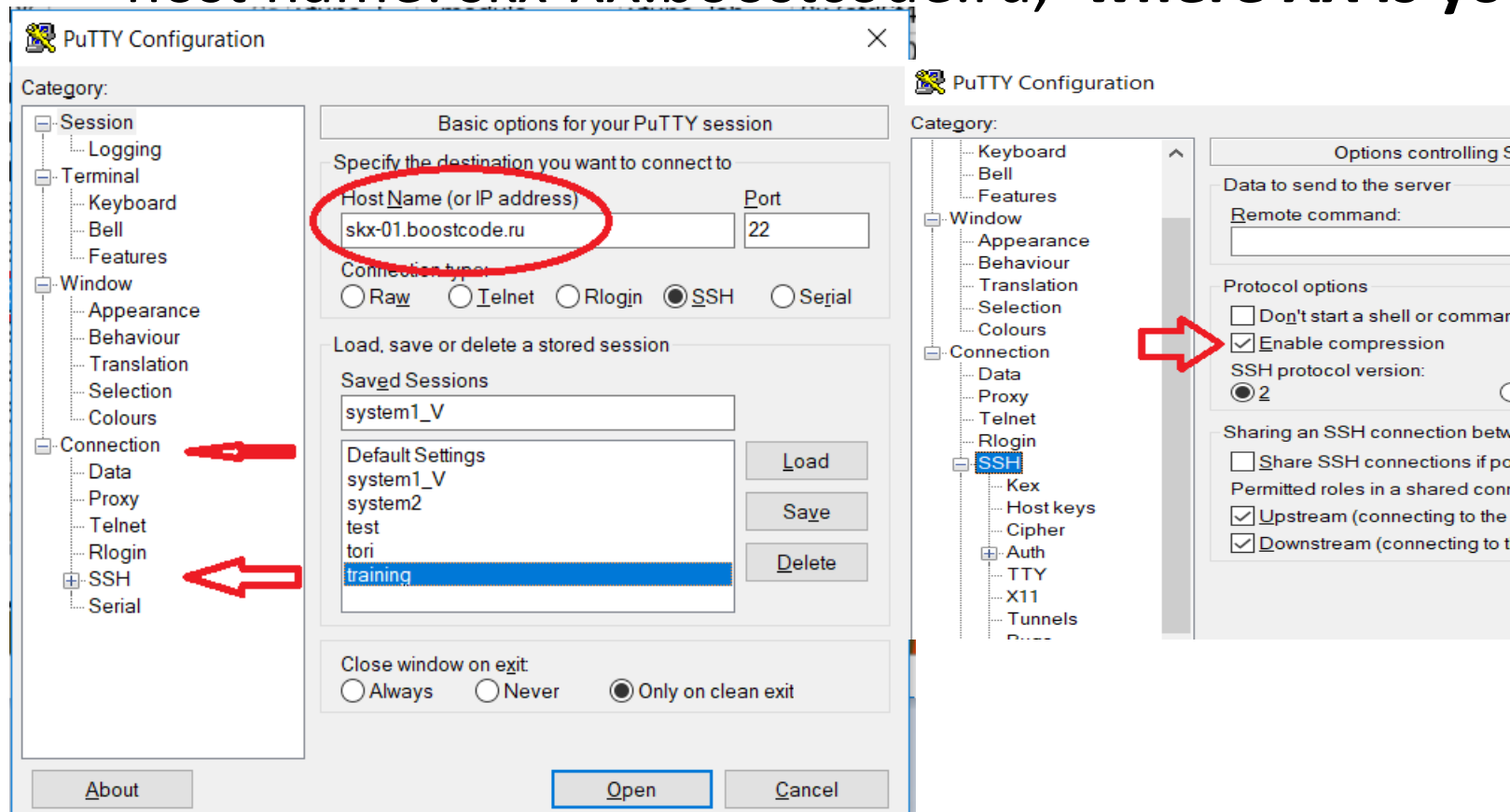
Day 1 setup

Remote Connection and file exchange tools installation:

- Download Xserver and Putty (with registry files) from
- devel.boostcode.ru
- All materials for day1 activities are in <http://devel.boostcode.ru/day1/>
- Install both tools
- Configure putty with registry file (double click on it, allow reg modification to get putty settings applied)
- Check and modify putty settings (next page)

Remote connection configuration

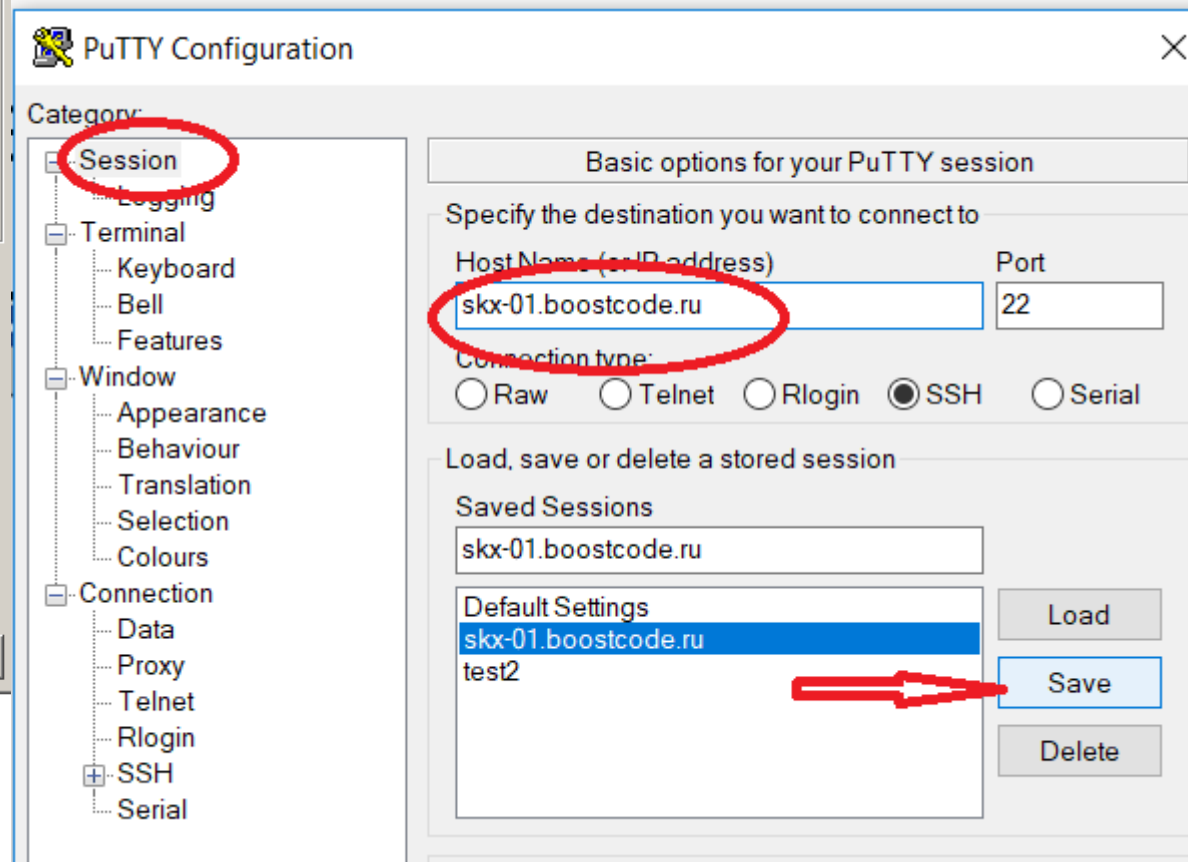
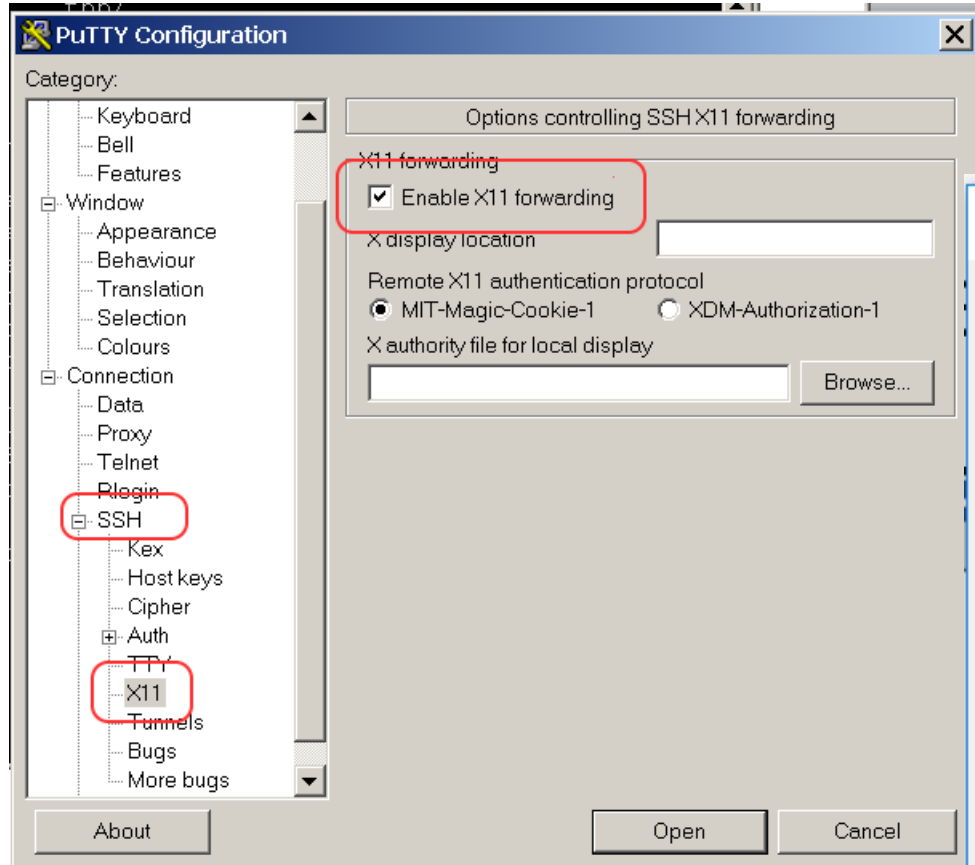
- Putty: load skx-XX.boostcode.ru config, check and fix the settings:
- host name: skx-XX.boostcode.ru, **where XX is your machine number**



Provide login information:
login as : **day1**
password: **Intel!day1**

Forward the X11 on your machine

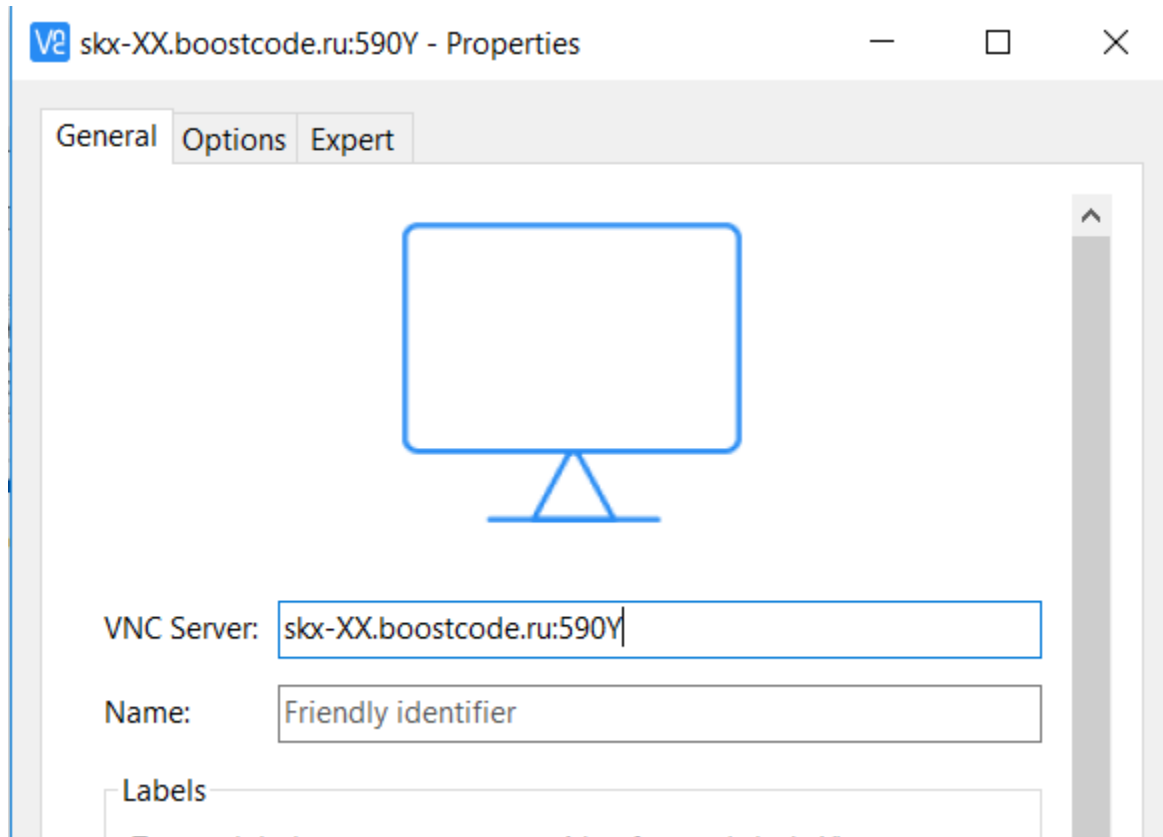
- **DO NOT** forget to **SAVE** the configuration!



Install vncviewer on windows

- Download VNC Viewer – for bringing graphics on to your laptop

Vnc viewer settings



RC config.Intel® SW tools enabling

- Putty: skx-X.boostcode.ru port 22, where X is machine number
- Login: intel-workshop, password intelworkshop123
- Run vncserver on your machine, depending on Win resolution

```
vncserver -geometry 1024x768 -depth 24
```

```
vncserver -geometry 1600x1080 -depth 24
```

note the display number :Y
- Set vnc viewer: skx-X.boostcode.ru:590Y, it will ask for the password (Intel!day1)
- Set intel environment on your working machine:
- ```
source /opt/intel/parallel_studio_xe_2019/psxevars.sh
```

```
intel64
```

# Run X session

- To check everything works, please run :
- `source /opt/intel/parallel_studio_xe_2018/psxevars.sh intel64`
- `amp1xe-gui`

# Conda installation

## **Install python environments on the machine**

Get miniconda if not installed yet

```
wget https://repo.continuum.io/miniconda/Miniconda3-latest-Linux-x86_64.sh
```

Install it

```
bash ./Miniconda3-latest-Linux-x86_64.sh
```

To create virtual environment with all needed packets run:

```
conda create -n env_name -c channel_name package1_name package2_name
```

To activate virtual environment:

```
source activate env_name
```

backup