This is a preview of Discussion 2 on Nov.3.

You can read discussion\_2.pdf to know the content in advance.

If you want to familiarize yourself with the simulator, the following content may be helpful.

## · Install IMUNES

#### For Windows Users:

As IMUNES does not support Windows, you need to install a Linux/FreeBSD virtual machine. Ubuntu 18.04 will be used in class. (You can download the ISO files of the OSes on <a href="NetEase">NetEase</a> Mirror Image Station)

VMware Workstation is recommended to install the virtual machine. (<u>Download VMware</u> Workstation Pro)

This blog may be helpful. (Install Ubuntu in VMware Workstation)

#### For FreeBSD/Linux Users:

Read <u>README.md</u> of IMUNES for more information. In discussion\_2.pdf, we show the installation on Ubuntu 18.04.

# · Use IMUNES

## Creat a network (see discussion\_2.pdf)

## Open the offered network

rip.imn and ospf.imn are the topology files will be used in class. You can open it in IMUNES. (**File** -> **Open**, then choose these files.)

## A VM used to present Count-to-Infinity

We have uploaded the .rar file of the VM and you can download it <a href="here">here</a>.

After downloaded it, extract it. Open it in VMware Workstation. (In the <a href="home">home</a> tab, "Open

Virtual Machines" -> browse to the extracted folder and choose Ubuntu18.04\_64.vmx -> Open).

You can try to trigger the count to infinity problem. If you meet any problem, you can restore the VM through VM -> Snapshot -> Revert to Snapshot: rip-3.