**NOTE:**

**Before proceeding, make sure you have X11 forwarding configured and your X11client is running. NFV instances' consoles will spawn itself**

**Install DPKT before running this setup. Without dpkt makefile will not work install dpkt to the VM using command sudo apt-get install python-dpkt**

Our approach involves a custom file which connects Mininet and our NFV components which are individual entities deployed as middleboxes. As soon as the Mininet topology is initiated it starts all the NFV components as well as the POX.

In our approach, running the topology file shall run the entire application at one instance of time altogether. We have created a custom element in regards to IDS - httprequestinspector.cc and httprequestinspector.hh and using it in the IDS element.

Our application can be completely launched with a single command and it shall pop up the consoles of different click elements and prints the output logs into the location.