# Reverse-proxy and AWStasts

1. Introduction

Reverse proxy is one of the main node in the cluster. All http and https requests external world are forwarded to reverse proxy to access the labs.

Log analyzer (AWStats) gives us lab user's web trafic information such as number of visitors and visits, number of pages for a visit, etc. Analytics can be viewed on terminal and also in the browser.

2. Diagram
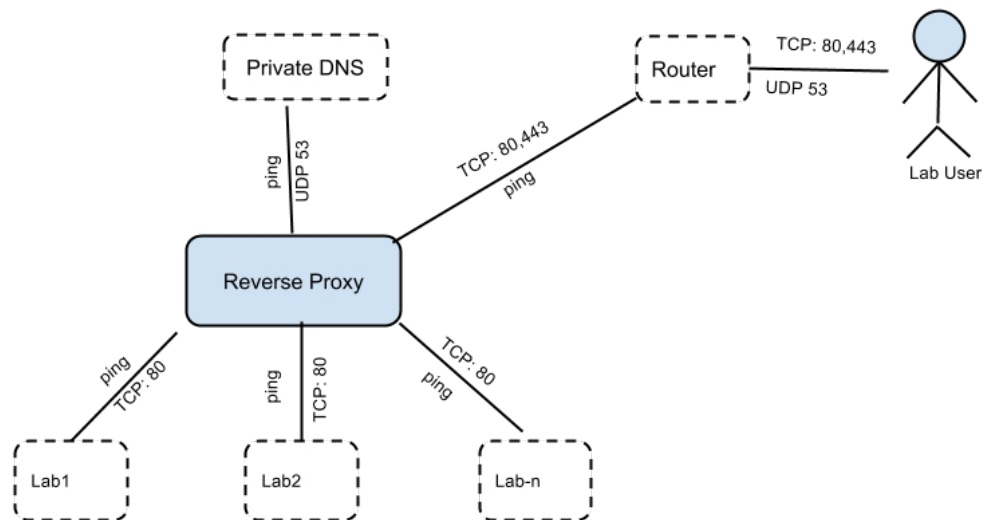
3. Implementation

- Reverse-Proxy-server Network Setup

```
# tasks file for reverse-proxyserver

---
- name: Set root password
  command: vzctl set 1007 --userpasswd root:{{container_root_password}}

- name: copy interface ifcfg-eth1 file
```

```
   template: src=ifcfg-eth1 dest=/vz/private/1007/etc/sysconfig/network-
scripts/

- name:  Network restart
  command: vzctl exec 1007 service network restart
```

- dependencies

```
dependencies:
    - common-vars
```

- Reverse-Proxy Private NetworkConfigures the network-interface in /etc/sysconfig/network-scripts/ifcfg-eth1 of reverse-proxy-server with the following fields

```
DEVICE=eth1
BOOTPROTO=static
ONBOOT=yes
NM_CONTROLLED=no
IPADDR=10.100.1.7
GATEWAY=10.100.1.1
NETMASK={{net_mask}}
```