

ISU Cyber Defense Competition

Network Information

Fall 2014

Default Gateway & DNS

- Your default route (gateway) is the IP sitting at **.254** of your range (see the IP Ranges document). For example, Team 1's gateway is 64.39.3.254
- The netmask is **255.255.255.0** (a /24 subnet)
- The DNS server is located at **199.100.16.100**

If your network is set up correctly, you should always be able to ping the DNS server and get a response. Note that due to the way the ISEAGE network is structured you will not be able to ping the real world (e.g. google.com).

Proxy Server

Once on the competition range, you will not have access to the internet. Instead, you must use our proxy server, located at **199.100.16.100, port 3128**

Setting the proxy in a Linux/Unix system

Run the following commands to set the appropriate environment variables:

```
export http_proxy="http://199.100.16.100:3128"  
export https_proxy=$http_proxy  
export ftp_proxy=$http_proxy
```

This will configure the proxy for just about any command (apt-get being an exception, see the next section). Note that these environment variables will not persist across reboots. You can place these lines at the end of the file **/etc/profile** which will automatically set the variables for you when a user logs in.

apt-get

To configure the proxy server for apt-get, edit the file **/etc/apt/apt.conf** (or create it if it does not exist) and add or edit the following lines:

```
Acquire::http::Proxy "http://199.100.16.100:3128";  
Acquire::ftp::Proxy "http://199.100.16.100:3128";
```