Extra Credit

The Deal

I usually don't give out extra credit, but this year, if you go above and beyond the credit and get IPv6 certified, you will get 100 points on your assignment score. That means if you have lost some points for late, or whatever reason, you can get them back if you complete the extra credit assignment before the final.

The Process

Hurricane Electric IPv6 Certification

- Sign up and take a screen shot once you do of the Score Sheet page showing your score and username.
  - Scoresheet page is found at [https://ipv6.he.net/certification/scoresheet.php?pass_name=<username>](https://ipv6.he.net/certification/scoresheet.php?pass_name=<username>) (replace the `<username>` with your username you use when you signup).
  - You should have zero or basically none points when you do the first screenshot.
- Complete the challenges and get to SAGE level.
  - Once you get to SAGE level you are done.
  - Just remember to take a screen shot of the scoresheet again, with your Badge that you can see [here](https://ipv6.he.net/certification/demos.php?pass_name=<username>)

The Certification Process

- You will need to use your VM machine(s) to serve up content with WEB, MAIL, DNS on IPv6.
- You will need to have a domain registered, and have IPv6 GLUE records set.
- You will also probably need to setup a tunnel broker on your client machine in order to do part of it.
- You will also need to email me the DNS server I should delegate Reverse DNS for your /48 to.
- I recommend you statically configure one of your VMs for your AAAA and reverse DNS stuff.
- It will challenge you.
- Let me know if you have questions.

Turning it in:

- Email me the two screen shots with your username once you reach SAGE status.
- I will give you 100 points on the ASSIGNMENTS in canvas once you complete it.
- You must complete this before the FINAL.