**Day 3 – E-Mail Service**

1. Research the following internet protocols related to e-mail services.
   1. SMTP Protocol
   2. POP3 Protocol
   3. IMAP Protocol
   4. Web Mail
2. Use the following resource as a starting point:  
   <https://askleo.com/what_is_pop_or_pop3_or_a_pop_account_and_what_about_smtp/>
3. Complete the following Venn Diagram to summarize your research

Pop 3 Protocol

* Protocol is just the language computers use to talk between themselves.
* Usually made for computers to send emails that are running on computer emails
* And for the computer that is holding your emails

IMAP Protocol

* Another protocol that is used for email programs that can access your email
* IMAP is related to POP3
  + Works in a little different way, they are slightly different

IMAP vs POP3

* POP3 is designed around the assumption that when you access your email, you want to download it to the computer you’re using. So after your email program fetches email via POP3, that email resides only on your computer and nowhere else. It’s perfect when you only read your email from a single location: your PC.
* IMAP assumes you want to leave the master copy of your email on the email server. IMAP is simply a way of looking at that master copy from a connected device. A computer connected via IMAP may (or may not) actually download your email to your computer.2 It’s ideal if you want to access the same email account from several devices.

Web Mail

* Web-based email, such as Outlook.com, Yahoo, and the like, displays the email directly from their servers to your web browser. There’s no configuration needed other than logging in.
* They may use SMTP (and perhaps even IMAP or POP3) behind the scenes to get and send email

