**Day 5.1 – Web Hosting**

Two common web hosting service providers are “GoDaddy” and “SquareSpace”. Complete the table below to compare these services and to learn more about web hosting.

1. Resources to learn about web hosting providers are as follows:
   1. SquareSpace – www.squarespace.com
   2. GoDaddy - ca.godaddy.com
2. Complete the following table.

|  |  |  |
| --- | --- | --- |
| Topic | SquareSpace | GoDaddy |
| Website Hosting   * Template Based Web Design * Survey tools and other applications * Internationalization * Professional Design Service * Website Analytics * Backup & Restore | Choose from an unrivaled set of best-in-class website templates. Customize the design to fit your personal style and professional needs. | Starting a website should always begin with a planning session. Before you build your website, watch this video for suggestions and guidance. |
| E-Commece   * On-Line Store Support * Check-Out Cart Management * Credit Card Payment Processing * SSL Certificates | All domains correctly added to your Squarespace site are automatically protected with free SSL certificates to improve security. SSL secures connections and prevents hackers from impersonating you or stealing visitors' information. | An SSL Certificate protects the data going to and from you site — from personal info to credit card numbers — making it impossible for hackers to read them. And when visitors feel safe, they’re more likely to give you their business. |
| Professional Email   * Domain Name Registration * Domain Name Transfer * DNS (Name Service) * Web Mail * IMAP / POP3 Support | Buying a domain with Squarespace is simple and straightforward. There are no hidden fees, price hikes, or ads. | Img Dot Online 120X  **.online**  Business is tough. Make your domain name easy.  Starting at C$0.99\*  **was ~~C$67.99\*~~** |
| Other Services   * Blogging * Cloud File Storage * Media Streaming | You can add a **Blog** Page, create **blog** posts, tag and categorize posts, create post excerpts, enable comments, push your posts to social media, and more. Tip: You can update your **blog** on the computer, or through the **Squarespace** App. It's not possible to update your **Squarespace blog** via an XML-RPC client. | Blog home |

**Day 5.2 – Internet Service Provider (ISP)**

Internet Service Providers (ISPs) provide hardware and software services to connect your LAN (in your house or your business) to the Internet.

Two most popular ISPs in Ontario are Bell and Rogers, but there are other choices.

Select an alternative ISP that operates in Southern Ontario to answer the following questions. Suggestions are:

* Primus - <https://primus.ca/>
* ExecuLink - <https://www.execulink.ca/>
* Xplorenet - <https://get.xplornet.com/>
* Start.ca - <https://www.start.ca/>

1. What residential (i.e. home) service packages do they provide?
   1. Bandwidth Speed (both upload & download)

Generally, the Internet backbone and connections between servers have the most bandwidth, so they rarely serve as bottlenecks. Instead, the most common Internet bottleneck is your connection to your ISP. NOTE: Bandwidth also refers to a range of frequencies used to transmit a signal

* 1. Data Limits (and cost for exceeding limits)

CenturyLink has a 1 TB data cap in place for most plans. Business customers, customers on the 1 Gig plan, and CenturyLink Prism customers are not subject to this limit

* 1. Connection Technologies (e.g. cable, WiFi, DSL, etc.)

ekSavvy's cable Internet offerings rely on Rogers, Shaw, Videotron or Cogeco infrastructure to connect customers to TekSavvy Internet. In areas served by Rogers, TekSavvy cable Internet is offered with either 15, 30 or 100 Mbit/s download speeds with the choice of 150GB, 400 GB or unlimited downloads

1. What business packages do they provide?
   1. Bandwidth Speed (both upload & download)

The amount of **bandwidth** needed for your **business** can vary from 10 x 1 MBPS to 300 x 20 MBPS depending on the number of users and devices using the network

* 1. Data Limits (and cost for exceeding limits)

When you sign a contract with a mobile services provider, you may choose a plan that includes data. The plan specifies the data limits - how much data you can use during a billing period before you begin paying data overage fees.

* 1. Connection Technologies (e.g. cable, WiFi, DSL, etc.)

AT&T Internet. Most Transparent Pricing.

1. What extra security services do they provide? (e.g. Anti-Spam & Virus scanning, Firewall Protection)

Communication is the most significant security-related policy that service providers must adhere to. According to [RFC 2142](https://www.ietf.org/rfc/rfc2142.txt), all accounts that are at risk of abuse must have an abuse mail account when contacting customers. i.e. abuse@domain. In addition, service providers are required to ensure that contact registries in Whois are up-to-date.

1. What other services do they provide? (e.g. Digital Phone, Voice over IP (VoIP), Television)

They provide digital phone