1. TCP/IP is the basic set of rules that makes the Internet work. It has two main parts to it. TCP and IP. TCP makes sure data is sent reliably by breaking into smaller pieces, sending them, and then putting the pieces back together in the correct order. It also asks for any lost pieces to be resent. IP is responsible for addressing and also directing the data to the right place by using a unique IP addresses for each device. Together, TCP/IP makes it possible for everything that we do online, like browsing websites or sending emails, to happen smoothly.
2. Top-level domain names like .com or .org are approved by ICANN. The process begins when a individual or organization submits ideas for new TLDs during application periods. These proposals need to explain why the new TLD is needed and how it will be organized. ICANN reviews each application, looking at things like technical ability, financials, and how the new TLD might affect the Internet. If ICANN approves the proposal, the TLD is added to the global list and becomes available for use by anyone who wants to register a domai under that TLD.
3. **Resources**:
   https://www.icann.org/resources/pages/registries/registries-en
   https://www.fortinet.com/resources/cyberglossary/tcp-ip