**3.4.4 - Research Networking Standards**

1. **Who is Jonathan B. Postel?**
   * Founder of the **RFC (Request for Comments)** system, managed IP address and domain registries.
2. **Which organizations manage the top-level domain name space and root DNS servers?**
   * **ICANN and IANA.**
3. **What role did Vinton Cerf play?**
   * Co-inventor of **TCP/IP**, worked with **ICANN, IETF, DARPA**.
4. **Which organization publishes RFCs?**
   * **IETF (Internet Engineering Task Force).**
5. **What do RFC 349 and RFC 1700 have in common?**
   * Both relate to standard internet protocol number assignments.
6. **What is the ARPAWOCKY RFC number? What is it?**
   * RFC 527, a humorous document in the RFC series.
7. **Who founded the World Wide Web Consortium (W3C)?**
   * **Tim Berners-Lee (creator of the WWW).**
8. **List 10 WWW standards developed by W3C:**
   * HTML, CSS, XML, SVG, WebRTC, DOM, MathML, SOAP, WAI-ARIA, XSLT.
9. **Where is IEEE headquartered and what does its logo represent?**
   * Located in **the USA**, logo represents the **right-hand rule in electromagnetism**.
10. **What is the IEEE standard for WPA2 security?**

* **IEEE 802.11i.**

1. **Is the Wi-Fi Alliance a non-profit standards organization? What is its goal?**

* Yes, its goal is to **certify Wi-Fi devices for interoperability**.

1. **Who is Hamadoun Touré?**

* **Former Secretary-General of ITU (2007–2014).**

1. **What is the International Telecommunication Union (ITU) and where is it headquartered?**

* A global telecom standards organization, based in **Geneva, Switzerland**.

1. **What are the three ITU sectors?**

* **ITU-T (standards), ITU-R (radio frequencies), ITU-D (network development).**

1. **What does RS in RS-232 stand for and which organization introduced it?**

* **Recommended Standard, developed by EIA (Electronic Industries Alliance).**

1. **What is SpaceWire?**

* A communication protocol for spacecraft.

1. **What is ISOC’s mission and where is it headquartered?**

* To promote internet development, based in **Virginia, USA**.

1. **Which organizations does the IAB oversee?**

* **IETF, IRTF, RFC Editor.**

1. **Which organization oversees the IAB?**

* **ISOC (Internet Society).**

1. **When was ISO founded and where is it headquartered?**

* **1947, Geneva, Switzerland.**