**9️⃣ Testing for Incubated Vulnerability**

**🔹 What is it?**

* **Incubated vulnerabilities** exist in **3rd-party components/libraries** the app depends on.
* They are dormant until conditions are met (e.g., outdated library with a known CVE).

**🔹 Example**

* Using old **Apache Struts** with RCE vulnerability.
* Using old **jQuery** with XSS vulnerability.

**🔹 Testing**

* **Manual**: Identify framework versions via headers.
* **Tools**:
  + Nmap NSE scripts (http-vuln-\*).
  + Nikto.
  + Retire.js for JavaScript libs.
* Cross-check with **Exploit-DB** or **CVE feeds**.

**🔹 Mitigation**

* Regular patching.
* Dependency scanning (e.g., npm audit, pip-audit).