

### IP addresses and open ports found:

IP Address	Open Ports	Services
192.168.1.1	53, 80, 443	domain, http, https
192.168.1.4	80	http
192.168.1.5	None (all closed)	-
192.168.1.11	8008, 8009, 8443, 9000	http, ajp13, https-alt, cslistener
192.168.1.15	8000, 9080	http-alt, glrpc
192.168.1.108	80, 443, 554	http, https, rtsp
192.168.1.14	None (all closed)	-

### Common services running on those ports:

Port	Common Service	Description
23	Telnet	Unencrypted remote login protocol (insecure)
53	DNS	Domain Name System – used for resolving domain names
80	HTTP	Web server (unencrypted)
443	HTTPS	Secure web server (encrypted with SSL/TLS)
8000	HTTP-Alt	Alternative HTTP service port
8008	HTTP	Common for web interfaces, e.g., IoT devices
8009	AJP13	Apache JServ Protocol – used with Tomcat servers
8443	HTTPS-Alt	Alternative HTTPS port
9000	CSListener	May be used by apps like SonarQube or other services
9080	GLRPC	Often used in enterprise systems (could be custom RPC)
554	RTSP	Real-Time Streaming Protocol – used for streaming video/audio

### Potential security risks from open ports:

Port	Risk Description
23 (Telnet)	High risk: Insecure, transmits data (including passwords) in plaintext. Should be disabled or replaced with SSH.
80 (HTTP)	Medium: Unencrypted communication. Susceptible to man-in-the-middle (MITM) attacks. Use HTTPS instead.
443 (HTTPS)	Generally safe if configured properly. Risks if using weak/expired SSL certificates.
53 (DNS)	Can be abused for DNS tunneling or reflection DDoS if misconfigured.
8008/8009	Often used in IoT/web apps. May expose admin panels or vulnerable services. AJP13 has known vulnerabilities if not secured.
8443	HTTPS alternate – may lack strong SSL config. Check certificate and server headers.
9000	Unknown usage – if running SonarQube or custom service, ensure it's authenticated and patched.
9080	Unknown/custom – could be vulnerable if running unpatched enterprise service.
554 (RTSP)	Used for streaming – may expose cameras; known for vulnerabilities in IP cameras if unauthenticated or misconfigured.