Vulnerability Scan Report

State: up

Open Port: 21/tcp (ftp)

Open Port: 22/tcp (ssh)

Open Port: 23/tcp (telnet)

Open Port: 25/tcp (smtp)

Open Port: 53/tcp (domain)

Open Port: 80/tcp (http)

Open Port: 111/tcp (rpcbind)

Open Port: 139/tcp (netbios-ssn)

Open Port: 445/tcp (netbios-ssn)

Open Port: 512/tcp (exec)

Open Port: 513/tcp (login)

Open Port: 514/tcp (tcpwrapped)

Open Port: 1099/tcp (java-rmi)

Open Port: 1524/tcp (bindshell)

Open Port: 2049/tcp (nfs)

Open Port: 2121/tcp (ftp)

Open Port: 3306/tcp (mysql)

Open Port: 3632/tcp (distccd)

Open Port: 5432/tcp (postgresql)

Open Port: 5900/tcp (vnc)

Open Port: 6000/tcp (X11)

Open Port: 6667/tcp (irc)

Open Port: 6697/tcp (irc)

Open Port: 8009/tcp (ajp13)

Open Port: 8180/tcp (http)

Open Port: 8787/tcp (drb)

Open Port: 34868/tcp (nlockmgr)

Open Port: 38004/tcp (mountd)

Open Port: 47905/tcp (status)

Open Port: 51123/tcp (java-rmi)

Common Ports Information:

- Port 21/tcp: ftp - File Transfer Protocol for transferring files.

- Port 22/tcp: ssh - Secure Shell for secure remote access.

- Port 23/tcp: telnet - Unsecured remote access (obsolete).

- Port 25/tcp: smtp - General port for a service.

- Port 53/tcp: domain - General port for a service.

- Port 80/tcp: http - Web traffic without encryption.

- Port 111/tcp: rpcbind - General port for a service.

- Port 139/tcp: netbios-ssn - General port for a service.

- Port 445/tcp: netbios-ssn - General port for a service.

- Port 512/tcp: exec - General port for a service.

- Port 513/tcp: login - General port for a service.

- Port 514/tcp: tcpwrapped - General port for a service.

- Port 1099/tcp: java-rmi - General port for a service.

- Port 1524/tcp: bindshell - General port for a service.

- Port 2049/tcp: nfs - General port for a service.

- Port 2121/tcp: ftp - File Transfer Protocol for transferring files.

- Port 3306/tcp: mysql - Database management system.

- Port 3632/tcp: distccd - General port for a service.

- Port 5432/tcp: postgresql - General port for a service.

- Port 5900/tcp: vnc - General port for a service.

- Port 6000/tcp: X11 - General port for a service.

- Port 6667/tcp: irc - General port for a service.

- Port 6697/tcp: irc - General port for a service.

- Port 8009/tcp: ajp13 - General port for a service.

- Port 8180/tcp: http - Web traffic without encryption.

- Port 8787/tcp: drb - General port for a service.

- Port 34868/tcp: nlockmgr - General port for a service.

- Port 38004/tcp: mountd - General port for a service.

- Port 47905/tcp: status - General port for a service.

- Port 51123/tcp: java-rmi - General port for a service.

Mitigation Steps:

- Port 25 (SMTP): Use encryption (e.g., STARTTLS) for email communication.

- Port 53 (DNS): Secure DNS servers and implement rate limiting.

- Port 80 (HTTP): Redirect to HTTPS for secure communication.

- Port 23 (Telnet): Disable Telnet and use SSH for secure remote connections.

- Port 3306 (MySQL): Secure with strong credentials and restrict access.

- Ports 139 and 445 (SMB): Disable SMBv1 and restrict access to trusted hosts.

- Port 22 (SSH): Use key-based authentication and disable root login.

- Port 21 (FTP): Disable FTP or switch to SFTP for secure file transfers.