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What ports need to be open for Samba to communicate with other windows/linux systems?

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Q. What ports need to be open for Samba to communicate with other windows/linux systems? I need to configure Linux firewall so I need the exact port names.

A. You can get list of ports from file called /etc/services. For your ease of use here are ports you need to open for two-way samba communication with Windows and Linux desktop systems.

- netbios-ns - 137/tcp # NETBIOS Name Service
- netbios-dgm - 138/tcp # NETBIOS Datagram Service
- netbios-ssn - 139/tcp # NETBIOS session service
- microsoft-ds - 445/tcp # if you are using Active Directory

Other ports

- Port 389 (TCP) - for LDAP (Active Directory Mode)
- Port 445 (TCP) - NetBIOS was moved to 445 after 2000 and beyond, (CIFS)
- Port 901 (TCP) - for SWAT service (not related to client communication)

See this url for Iptables rules [1] for SAMBA/CIFS clients.

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[1] this url for Iptables rules: **http://www.cyberciti.biz/tips/connecting-linux-unix-system-network-attached-storage-device.html**