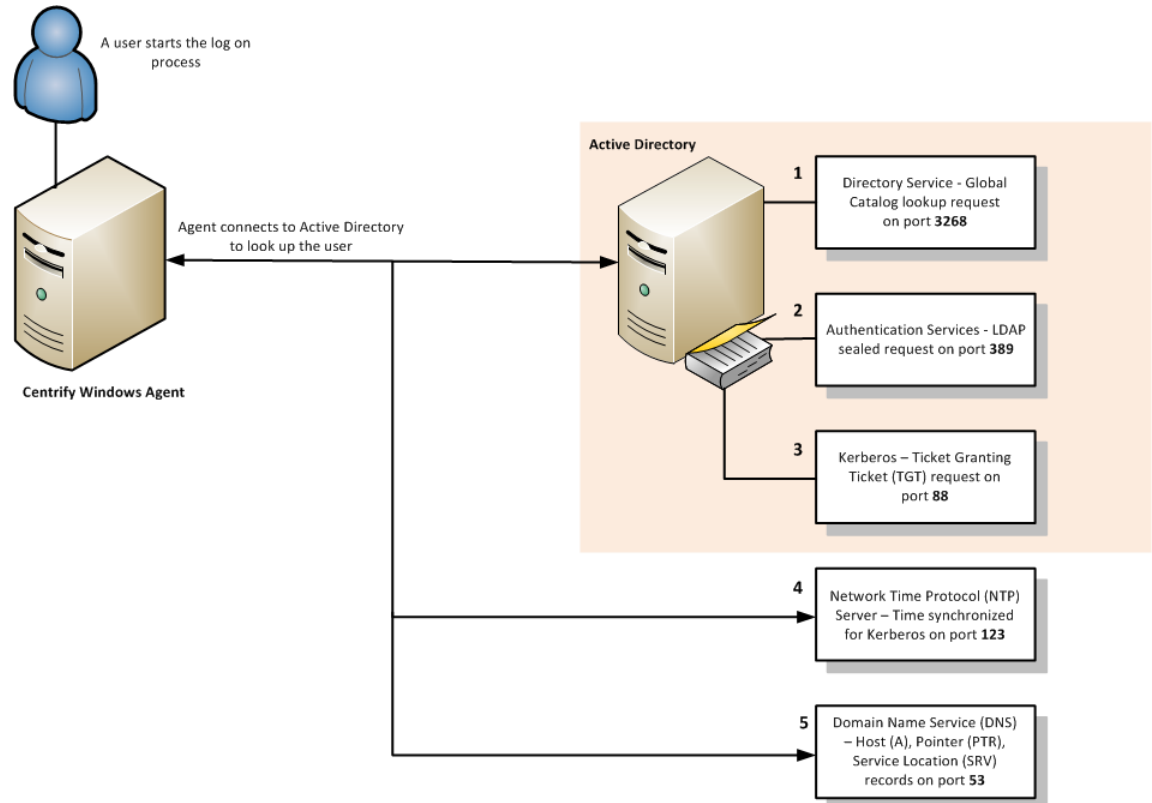


Default ports for network traffic and communication

To help you plan for network traffic, the following illustration provides an overview of the network communications and ports used when a user logs on and a summary of the ports in other network transactions.



Depending on the specific components you deploy and operations performed, you might need to open additional ports. The following table summarizes the ports used for different editions of Centrifry software.

This port	Is used for	Centrifry software and operation requiring this port
389	Encrypted TCP/UDP communication	Standard edition, Active Directory authentication and client LDAP service.
3268	Encrypted TCP communication	Standard edition, Active Directory authentication and LDAP global catalog updates.
88	Encrypted UDP communication	Standard edition, Kerberos ticket validation and authentication, agents, Centrifry PuTTY

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464	Encrypted TCP/UDP communication for Kerberos password changes	Standard edition, Kerberos ticket validation and authentication for agents, Centrify PuTTY, adpasswd, and passwd.
53	TCP/UDP communication	Standard edition, clients use the Active Directory DNS server for DNS lookup requests.
445	Encrypted TCP/UDP communication for delivery of group policies	Standard edition, adclient and adgpupdate use Samba (SMB) and Windows file sharing to download and update group policies, if applicable.
123	UDP communication for simple network time protocol (NTP)	Standard edition, keeps time synchronized between clients and Active Directory for Kerberos ticketing.
22	Encrypted TCP communication for OpenSSH connections	Standard edition, Deployment Manager for secure shell connections on remote clients.
23	TCP communication for Telnet connections	Standard edition, Deployment Manager for telnet connections on remote clients if you cannot use secure shell (ssh).
none	ICMP (ping) connections	Standard edition, Deployment Manager to determine whether if a remote computer is reachable.
1433	Encrypted TCP communication for the collector connection to Microsoft SQL Server	Enterprise edition, collector service sends audited activity to the database.
5063	Encrypted TCP/RPC communication for the agent connection to collectors	Enterprise edition, auditing service records user activity on an audited computer.
443	Cloud proxy server to Centrify cloud service	Centrify for mobile device management.
4500	Internet Key Exchange (IKE) for NAT-T	Platinum edition, DirectSecure to protect data-in-motion.
500	Internet Key Exchange (IKE) for UDP	Platinum edition, DirectSecure to protect data-in-motion.