Quest® Enterprise Reporter 3.2.2 Port Requirements

This document outlines the ports required by Enterprise Reporter.

Port Requirements

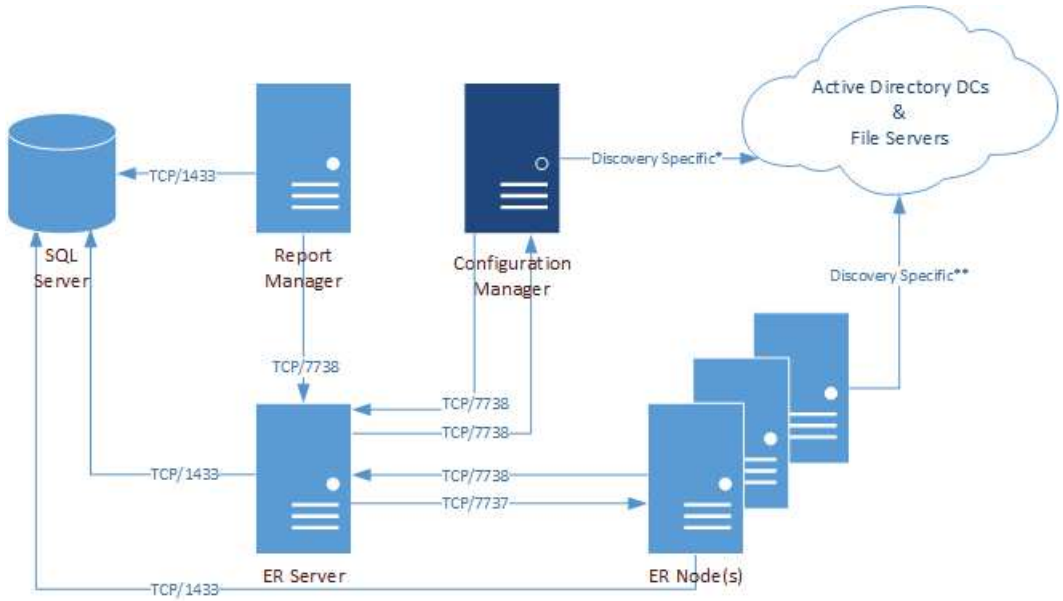
For the Enterprise Reporter components to communicate, some ports must be open.

- The default port used for communication between the server and the consoles is 7738. This port is also used by the nodes to access the server. The port is configured during installation of the server, and is required in the connection dialog box for both the Configuration Manager and the Report Manager.

  You can view the port currently in use on the System | Information page in the Configuration Manager, and the System Information tab in the Report Manager.
- The default port used for communication from the Enterprise Reporter server to the nodes is port 7737. This port may be configured during installation.

This figure outlines the ports used by the Enterprise Reporter components.

Figure 1. Ports used by Enterprise Reporter components.



*For more information on ports used when creating a discovery, see Table 1.

**For more information on ports used during data collections, see Table 2.

This table outlines the ports used by all of the Enterprise Reporter components.

Table 1. Ports used by Enterprise Reporter components

Application	Port	Type	Components				
			Configuration Manager[a]	Report Manager	SQL Server	ER Server	ER Nodes
FTP	20, 21	TCP		X			
SMTP	25	TCP	X	X		X	
WINS / NetBiOS Name Resolution	42	TCP UDP				X	
DNS FQDN Resolution	53	TCP UDP	X	X		X	
Kerberos	88	TCP UDP	X			X	
RPC Service & Endpoint Mapper / WMI	135	TCP UDP	X				
NetBIOS Name Service	137	UDP				X	
NetBIOS Datagram (browsing)	138	UDP	X				
LDAP	389	TCP UDP	X				
SQL	1433	TCP		X	X	X	X
SQL Server Browser Service	1434	TCP UDP	X	X			
Enterprise Reporter Node	7737	TCP				X	X
Enterprise Reporter Server	7738	TCP	X	X		X	X

a.For the Configuration Manager, also include the ports listed in Table 2.

This table outlines the ports used by all of the Enterprise Reporter discoveries.

Table 2. Ports used by Enterprise Reporter discoveries

Application	Port	Type	Discoveries										
			Active Directory	Azure Active Directory	Azure Resource	Computer	Exchange	Exchange Online	File Storage Analysis	NTFS	OneDrive	Registry	SQL Server
WINS / NetBiOS Name Resolution	42	TCP UDP	X			X	X		X	X		X	X
DNS FQDN Resolution	53	TCP UDP	X			X	X		X	X		X	X
HTTP	80	TCP		X	X		X*	X			X		X
Kerberos	88	TCP UDP	X			X	X*		X	X		X	X
RPC Service & Endpoint Mapper / WMI	135	TCP UDP				X	X**		X	X		X	X
NetBIOS Name Service	137	UDP	X			X	X		X	X		X	X
Remote Registry	139	TCP				X	X		X	X		X	
ICMP						X			X	X		X	X
LDAP	389	TCP UDP	X			X	X		X	X		X	X
HTTPS	443	TCP UDP		X	X						X		X
SMB / Remote Registry	445	TCP	X			X			X	X		X	X
LDAP Secure	636	TCP	X										
DCOM on XP/2003 and below (uses an open port in this range)	1024 - 5000	TCP UDP				X	X		X	X			X
SQL	1433	TCP	X	X	X	X	X	X	X	X	X	X	X
SQL Server Browser Service	1434	UDP											X
LDAP GC	3268	TCP	X				X						
WinRM	5985 5986	TCP UDP						X					X
Exchange PowerShell	12067	TCP					X**						
DCOM on Vista/2008 and above (uses an open port in this range)	49152 - 65535	TCP UDP				X	X		X	X			X

*Exchange 2010 and higher, **Exchange 2007 only

The following figures outline the ports used by the Enterprise Reporter discoveries.

Figure 2. Ports used by Active Directory collections

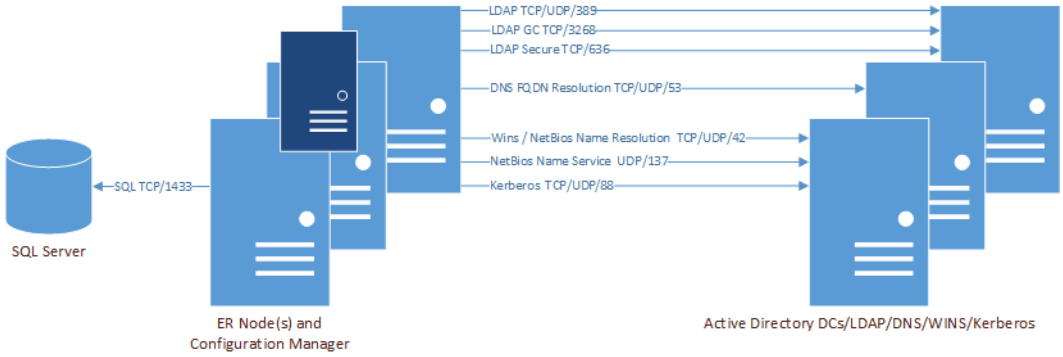


Figure 3. Ports used by Azure and Office 365 collections (Exchange Online, MS Teams, and OneDrive)

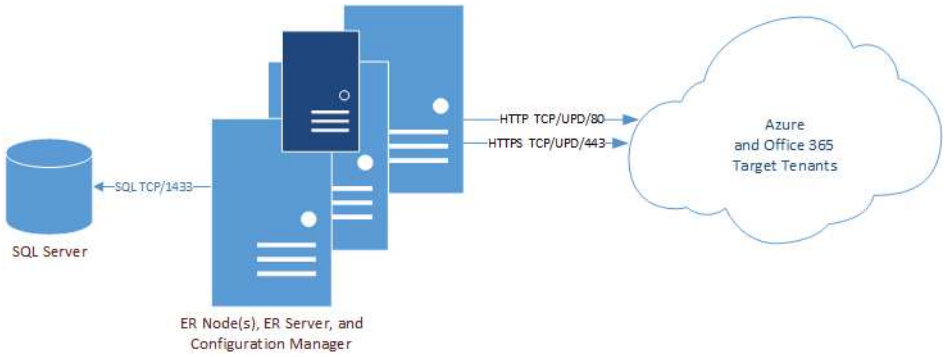


Figure 4. Ports used by Computer collections

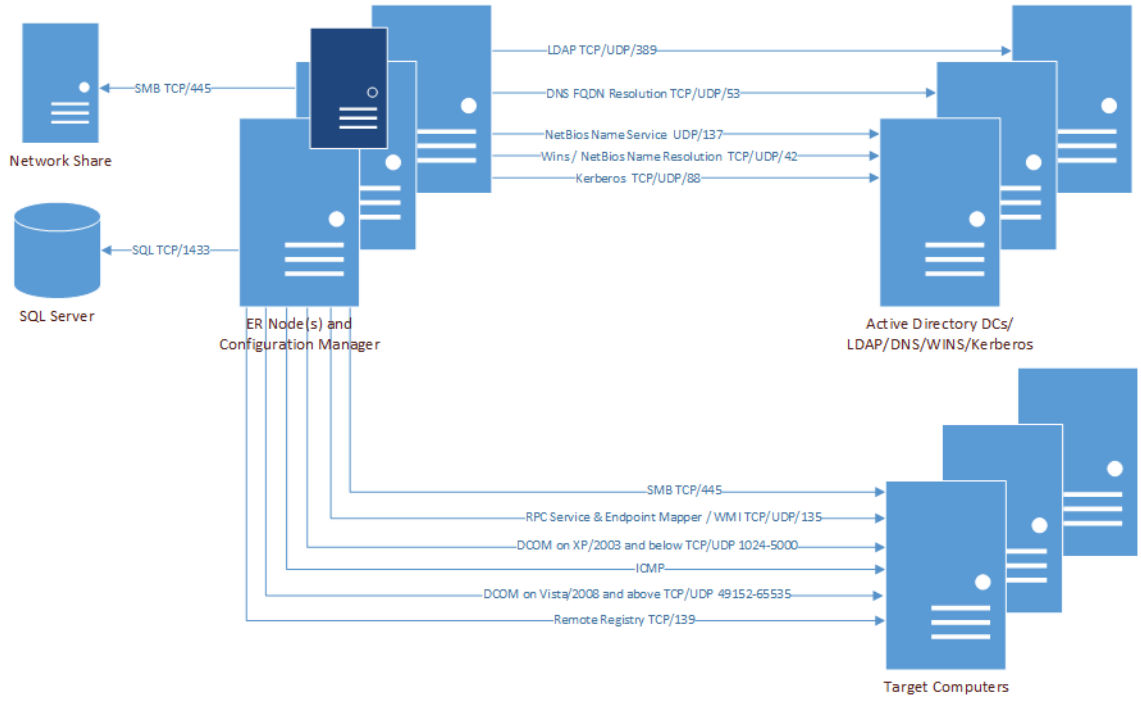


Figure 5. Ports used by Exchange collections

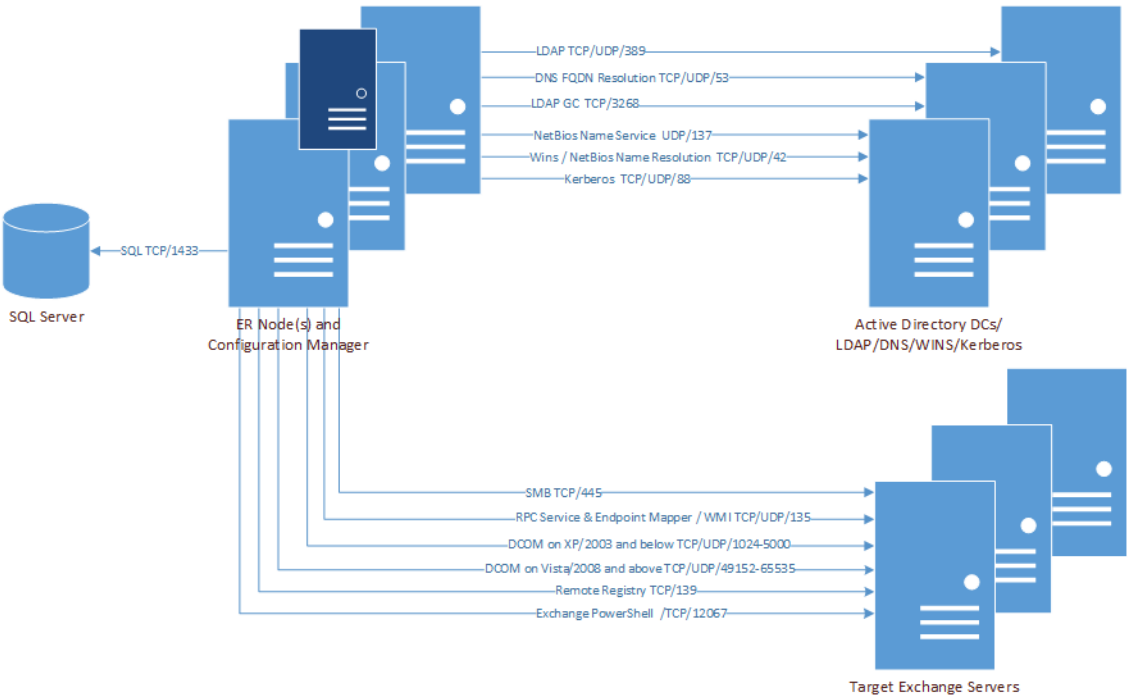


Figure 6. Ports used by File Storage Analysis collections

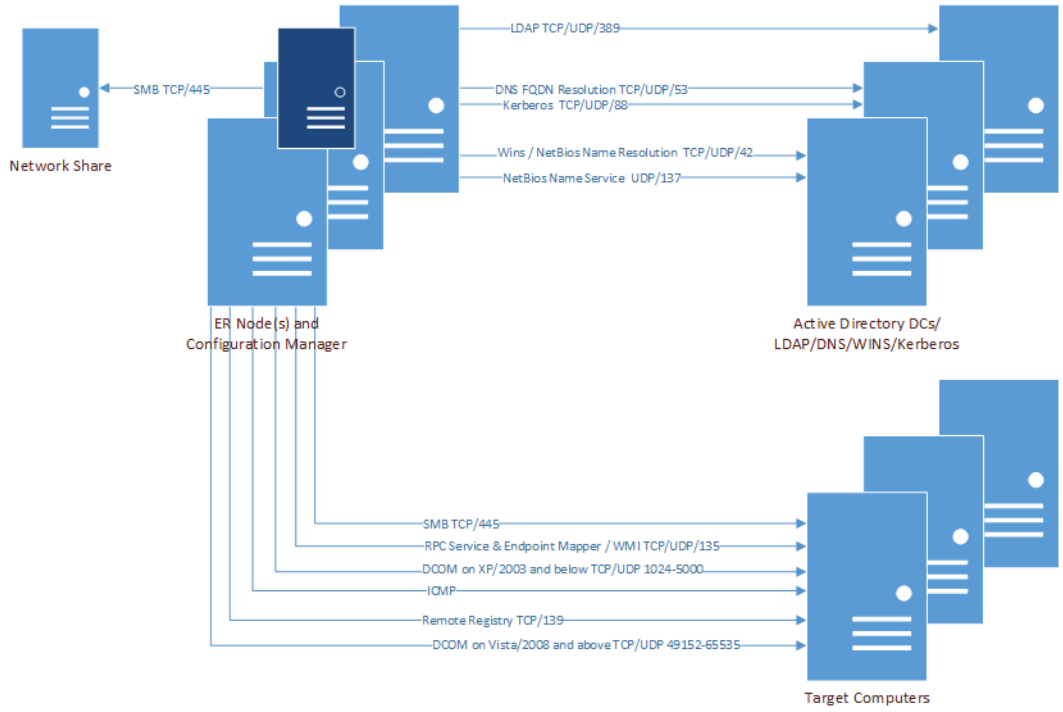


Figure 7. Ports used by NTFS collections

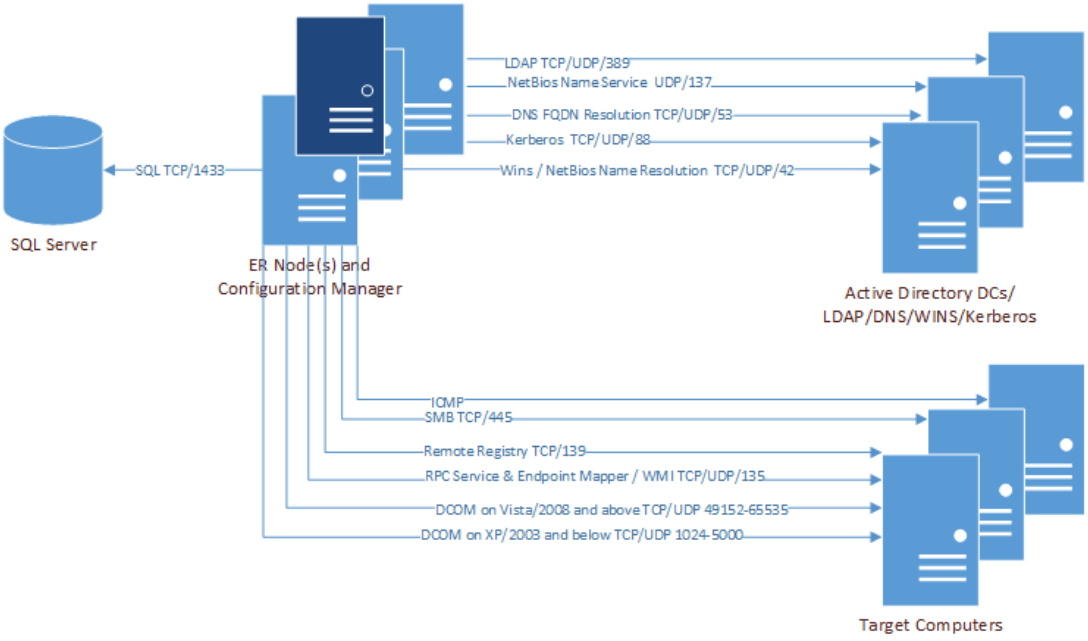


Figure 8. Ports used by Registry collections

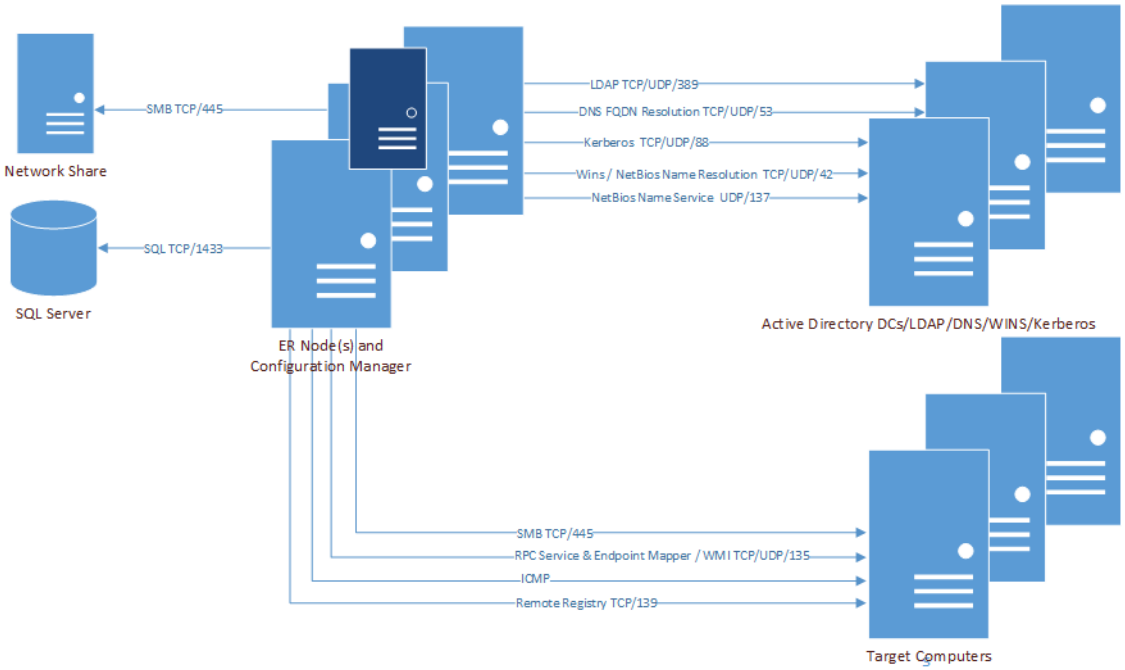
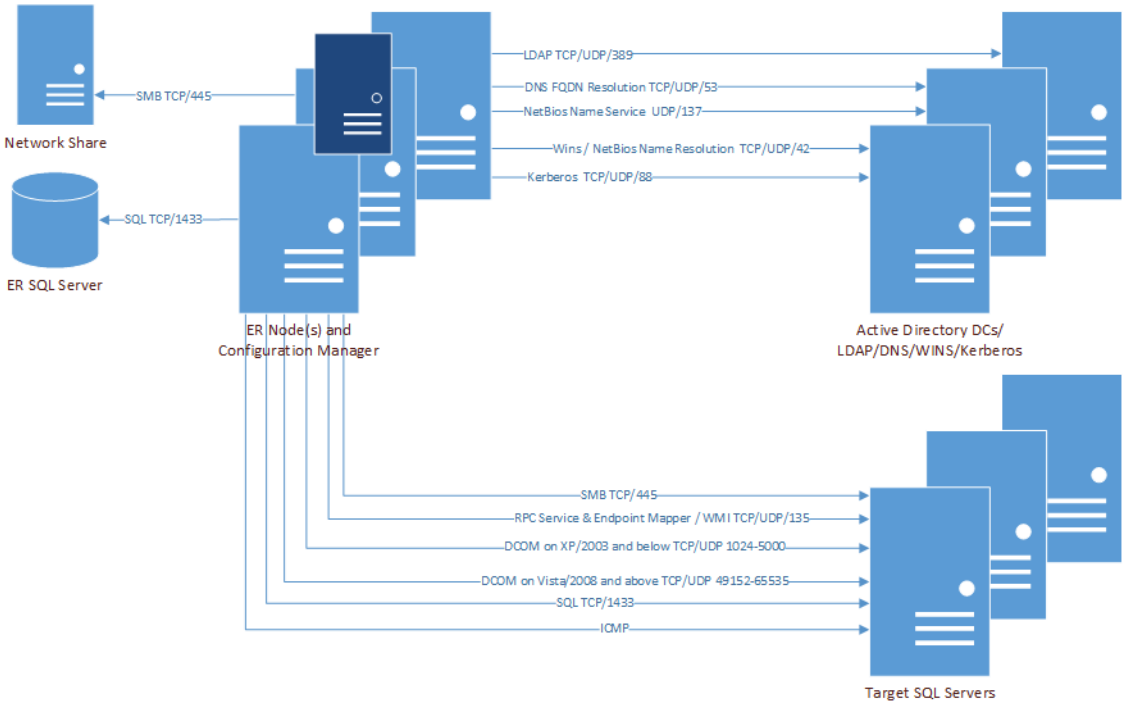


Figure 9. Ports used by SQL collections



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