

Firewall Configuration: Default Ports

The following table describes the standard ports used by the Portal servers, the Data Collector servers, and any embedded third-party software products as part of a standard “out-of-the-box” installation.

Component	Default Ports	Description
Apache Web Server	http 80 https 443	
Linux Hosts	SSH 22, Telnet 23	
Managed Applications	Oracle ASM 1521 MS Exchange 389 MS SQL 1433 File Analytics CIFS 137, 139	
OpenLDAP	external LDAP 3268 LDAPS 638 LDAP 389	
Oracle	1521	Oracle TNS listener port
Tomcat - Data Receiver	8011, 8017	Apache connector port and shutdown port for Data Receiver instance of tomcat
Tomcat - Portal	8009, 8015	Apache connector port and shutdown port for Portal instance of tomcat
Windows Hosts	TCP/IP 1248 WMI 135 DCOM TCP/UDP > 1023 SMB TCP 445	

Default Ports for Firewall Configurations

Data Collector Vendors by Product	Default Ports and Notes
Storage	
Dell Compellent	1433 SMI-S http (5988) SMI-S https (5989)
Dell EMC Data Domain Storage	SSH 22
Dell EMC Elastic Cloud Storage (ECS)	REST API 80/443
Dell EMC Isilon	SSH 22
Dell EMC Symmetrix	SymCLI over Fibre Channel 2707
Dell EMC Unity	REST API version 4.3.0 on 443 or 8443
Dell EMC VNX (Celerra)	XML API 443, 2163, 6389, 6390, 6391, 6392

Data Collector Vendors by Product	Default Ports and Notes
Dell EMC VNX (CLARiiON)	NaviCLI 443, 2163, 6389, 6390, 6391, 6392
Dell EMC VPLEX	https TCP 443
Dell EMC XtremIO	REST API https 443
Hitachi Block Storage	TCP 2001
Hitachi Content Platform (HCP)	SNMP 161 REST API https 9090
Hitachi NAS (HNAS)	SSC 206
HP 3PAR	22 for CLI
HP EVA	2372
HPE Nimble Storage	5392, REST API Reference Version 5.0.1.0
Huawei OceanStor Enterprise Storage	8080
IBM Enterprise	TCP 1751, 1750, 1718 DSCLI
IBM SVC	SSPC w/CIMMOM 5988, 5989
IBM XIV	XCLI TCP 7778
INFINIDAT InfiniBox	REST API TCP 80, 443
Microsoft Windows Server	2012 R2, 2016 WMI 135 DCOM TCP/UDP > 1023
NetApp E-Series	SMCLI 2436
NetApp ONTAP 7-Mode and Cluster-Mode	ONTAP API 80/443
Pure Storage FlashArray	REST API https 443
Data Protection	
Cohesity DataProtect	REST API on Port 80 or 443
Commvault Simpana	1433, 135 (skipped files) 445 (CIFS over TCP) DCOM >1023
Dell EMC Avamar	5555 SSH 22
Dell EMC Data Domain Backup	SSH 22
Dell EMC NetWorker	<ul style="list-style-type: none"> • NSRADMIN TCP 7937-7940 • WMI Proxy range of ports • SSH 22 (Linux)
HP Data Protector	5555 WMI ports SSH 22 (Linux)
IBM Spectrum Protect (TSM)	1500
Oracle Recovery Manager (RMAN)	1521

Data Collector Vendors by Product	Default Ports and Notes
Rubrik Cloud Data Management	REST API 443
Veeam Backup & Replication	9392
Veritas Backup Exec	1433
Veritas NetBackup	1556, 13724 WMI ports SSH 22 (Linux)
Network & Fabrics	
Brocade Switch	SMI-S 5988/5989
Cisco Switch	SMI-S 5988/5989
Virtualization	
IBM VIO	SSH 22, Telnet 23
Microsoft Hyper-V	WMI 135 DCOM TCP/UDP > 1023
VMware ESXi,vCenter,vSphere	vSphere VI SDK https TCP 443
Replication	
NetApp ONTAP 7-Mode	ONTAP API 80/443
Cloud	
Amazon Web Services	https 443
Microsoft Azure	https 443
OpenStack Ceilometer	8774, 8777 Keystone Admin 3537 Keystone Public 5000
OpenStack Swift	Keystone Admin 35357 Keystone Public 5000 SSH 22