

TECHNICAL NOTE

OPEN PORTS USED BY STRM

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This document provides information about the ports used by and between STRM components.

[Table 1](#) lists the common ports used by STRM components, identifies the signaling direction for that port, and provides the reason for using the port.



Note: *The ports listed in this document are valid only when iptables is enabled on your STRM system.*

Table 1 List of Common Ports Used by STRM Components

Port	Direction	Reason
TCP 22 - SSH	STRM Console to all other components	<ul style="list-style-type: none">• Remote management access• Adding a remote system as a managed host• Retrieving log files• End-user desktops to the STRM Console
TCP 25 - SMTP	From all managed hosts to your SMTP gateway	<ul style="list-style-type: none">• E-mail to an SMTP gateway• Error/warning e-mail messages to an administrative e-mail contact
UDP/TCP 37 - Rdate (time)	<ul style="list-style-type: none">• All systems to the STRM Console• STRM Console to the NTP or RDATA server	To keep time synchronized, especially on QFlow Collectors

Table 1 List of Common Ports Used by STRM Components (continued)

Port	Direction	Reason
TCP 80 - Apache/https	<ul style="list-style-type: none"> • End users to the STRM Console • End users to the STRM Deployment Editor 	<ul style="list-style-type: none"> • Admin interface downloads from the STRM Console to end-user desktops • Deployment editor component downloads from the STRM Console to end-user desktops
TCP 443 - Apache/https	<ul style="list-style-type: none"> • STRM managed hosts connecting to the STRM Console • End users connecting to the STRM Console 	<ul style="list-style-type: none"> • Configuration downloads to STRM managed hosts from the STRM Console • Access to the STRM user interface for end users
UDP 514 - Syslog	External log sources to STRM Event Collectors	Event data feeds from STRM components
TCP 5432 - Postgres	From all remote managed hosts running Event Collector/Event Processor to the STRM Console.	When provisioning managed hosts using the Admin interface.
TCP 10000 - Remote Server management (Web-Based System Administration Interface)	End-user desktop to all STRM hosts	Server changes, such as root password and firewalls
TCP 7676, 7677 - Messaging connections (imq)	<ul style="list-style-type: none"> • All STRM managed hosts to the STRM Console • The STRM Console to all STRM managed hosts 	Configuration data changes are sent back and forth between the STRM Console and managed hosts
TCP 32000-33999 - Data flow (flows, events, flow context)	Bi-directional between STRM components	Data flows, such as events, flows, flow context, and event search queries
UDP 2055, 9995	From the management interface on the flow source (typically a router) to the QFlow Collector	NetFlow datagram from components, such as routers

All the ports listed in [Table 1](#) can be tunneled, by encryption, through port 22 over SSH.

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