Cisco Emergency Responder Port Usage

Cisco Emergency Responder (Emergency Responder) uses the following ports:

Table 1: Port Usage in Emergency Responder

Protocol	TCP /UDP	Port Range	For this protocol, app or box is: <Client, Server, or Peer>	What is other end?	Relevance to Product	What it does
CTI	UDP	16384 to 32767				Used for communication between Emergency Responder and Unified Communications Manager.
CTI	TCP	2748				Used for Emergency Responder JTAPI connections to Unified Communications Manager for CTI route points and CTI ports

Protocol	TCP /UDP	Port Range	For this protocol, app or box is: <Client, Server, or Peer>	What is other end?	Relevance to Product	What it does
CTI	TCP	2749				Used for Emergency Responder Secure JTAPI connections to Unified Communications Manager for CTI route points and CTI ports.
SNMP	UDP	161				Provides services for SNMP-based management app.
SNMP	UDP	6161				Native SNMP agent listens for requests forwarded by SNMP master agents.
TCP	TCP	7161				Used for communication between SNMP master agent and subagents.
TCP	TCP	1500				IDS DB
TCP	TCP	1501				IDS DB
XML	TCP	1515				IDS DB
Proprietary	TCP	8500				IPsec Cluster Manager
N/A	TCP	22			sshd	Secure File Transfer Protocol

Protocol	TCP /UDP	Port Range	For this protocol, app or box is: <Client, Server, or Peer>	What is other end?	Relevance to Product	What it does
TCP	TCP	22			sshd	SSH port for remote access
N/A	UDP	123				NTP port used on Unified Communications Manager server
N/A	UDP	546				DHCPv6 Client
N/A	UDP	6666			netdump	Port should be open for systems running the netdump server
HTTPS	TCP	443				HTTPS
N/A	TCP	9443			haproxy	Searches authenticated contacts
N/A	UDP	500				Internet Security Association and Key Management Protocol
N/A	UDP	514				System Logging Service
Proprietary	TCP	2444				Used by CTL Client to communicate with CTL Provider to set the cluster security mode and manage the CTL file

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TCP	TCP	3804				Certificate Authority Proxy Function (CAPF) Port for listening to incoming requests from endpoints
XML	TCP	5555				License Manager listens for license requests on this port
TCP	TCP	7070				Certificate Manager Daemon
TCP	TCP	7999				Cellular Digital Packet Data Protocol
HTTPS	TCP	50000-50004				HTTPS to HP SIM
N/A	UDP	67 and 68				DHCP port used on Unified CM server
N/A	UDP	ephemeral				Package Management Tool
N/A	UDP	ephemeral				DNS
N/A	TCP	32768:61000				Generic Ephemeral port
N/A	UDP	32768:61000				Generic Ephemeral port

Protocol	TCP /UDP	Port Range	For this protocol, app or box is: <Client, Server, or Peer>	What is other end?	Relevance to Product	What it does
N/A	IP	GRE: IP 47, ESP: IP 50, AH: IP 51, IPSec: UDP 500.				IPsec configuration
SMTP	TCP	25	client	SMTP Mail Server(*)	core	Send e-pages, e-mail notifications
CDP			client		core	Discovery of CDP-enabled phones
CLM	TCP	8500	server	clm	core	cluster manager
CLM	UDP	8500	server	clm	core	cluster manager
SYSLOGD	UDP	514	server	syslog server	optional	event syslog port for 514
SYSLOGD	TCP	601	server	syslog server	optional	audit syslog port for 601
SYSLOG	UDP	8888	client	syslog client	optional	syslog port
HTTPS	TCP	8443	server	Browser	core	secure web access (Tomcat)
HTTP	TCP	8080	server	Browser	core	web access (Tomcat)
HTTP	TCP	80	server	Browser	core	web access (Tomcat)
NTPD	UDP	123	client	NTP server	optional	network time sync
Peer TCP	TCP	17001	peer	Emergency Responder Server	core	Emergency Responder Master Backup Failover

Protocol	TCP /UDP	Port Range	For this protocol, app or box is: <Client, Server, or Peer>	What is other end?	Relevance to Product	What it does
Peer RMI	TCP	7777	server	Emergency Responder Server	core	Emergency Responder Server RMI ports
Peer RMI	TCP	7778	server	Emergency Responder Admin	core	Emergency Responder Admin RMI ports
Applet	TCP	55000	server	Applets	core	Web alert
SNMP	UDP	162	server	SNMP Agents	optional	Network Management
DBLRPC	TCP	1515	server	dblrpc	core	Db replication port
RACOON	ESP		client	Emergency Responder Server	optional	IPsec traffic
RACOON	UDP	500	client	Emergency Responder Server	optional	IPsec setup port
IDS	TCP	1500	server	IDS		Informix database server
TCP	TCP	1099			AMC	AMC RMI Registry port
TCP	TCP	1090			AMC	AMC RMI Object port
TCP	TCP	4040			CiscoDRFMaster	DRS Master Agent port