Port Utilization in Unified Intelligence Center

Port Utilization Table Columns

The columns in the port utilization tables in this document describe the following:

Listener (Process or Application Protocol)

A value representing the server or application and where applicable, the open or proprietary application protocol.

Listener Protocol and Port

An identifier for the TCP or UDP port that the server or application is listening on, along with the IP address for incoming connection requests when acting as a server.

Remote Device (Process or Application Protocol)

The remote application or device making a connection to the server or service specified by the protocol; or listening on the remote protocol and port.

Remote Protocol and Port

The identifier for the TCP or UDP port that the remote service or application is listening on, along with the IP address for incoming connection requests when acting as the server.

Traffic Direction

The direction that traffic flows through the port: Inbound, Bidirectional, Outbound.

Note

- The operating system dynamically assigns the source port that the local application or service uses to connect to the destination port of a remote device. In most cases, this port is assigned randomly above TCP/UDP 1024.

- For security reasons, keep open only the ports mentioned in this guide and those required by your application. Keep the rest of the ports blocked.

Unified Intelligence Center Port Utilization

Table 1: Web Requests to Cisco Unified Intelligence Center and Operation Administration Maintenance and Provisioning (OAMP)

Listener (Process or Application Protocol)	Listener Protocol and Port	Remote Device (Process or Application Protocol)	Remote Protocol and Port	Traffic Direction	Notes
Unified Intelligence Center	TCP 8081	Browser			HTTP - Unified Intelligence Center
	TCP 8444	Browser			HTTPS - Unified Intelligence Center
OAMP	TCP 8080	Browser			HTTP - OAMP
	TCP 8443	Browser			HTTPS - OAMP

Table 2: Cisco Unified Intelligence Center and Live Data

Listener (Process or Application Protocol)	Listener Protocol and Port	Remote Device (Process or Application Protocol)	Remote Protocol and Port	Traffic Direction	Notes
Storm DRPC service	TCP 3772				Live Data DRPC port
	TCP 3773				Live Data DRPC invocation port
CCE Live Data Cassandra Service	TCP 12000				Live Data Cassandra TCP port for commands and data
	TCP 12001				Live Data Cassandra SSL port for encrypted communication. (Unused unless enabled in encryption_options.)
	TCP 9160				Live Data Cassandra port that Thrift uses to listen to clients
CCE Live Data Zookeeper Service	TCP 2181				Live Data Reporting
CCE Live Data ActiveMQ Service	TCP 12002				ActiveMQ JMX connector port
	TCP 12003				ActiveMQ JMX rmi port

Listener (Process or Application Protocol)	Listener Protocol and Port	Remote Device (Process or Application Protocol)	Remote Protocol and Port	Traffic Direction	Notes
CCE Live Data Web Service	TCP 12004 - 12006				Live Data Reporting
CCE Live Data Active MQ Service	TCP 61616				Live Data ActiveMQ Openwire transport Connector port
	TCP 61612				Live Data ActiveMQ Stomp transport connector port
CCE Live Data Storm Nimbus Service	TCP 6627				Live Data Nimbus Thrift port
CCE Live Data Socket.IO Service	TCP 12007 - 12008				Live Data Socket.IO listening port

Table 3: Intracluster Ports Between Cisco Unified Intelligence Center

Listener (Process or Application Protocol)	Listener Protocol and Port	Remote Device (Process or Application Protocol)	Remote Protocol and Port	Traffic Direction	Notes
Platform (DB)	TCP 1500 - 1501	Platform (DB)			IDS access and replication (but not open to external access)
Platform (Tomcat)	TCP/5001				SOAP monitor for Real Time Monitoring Service
Platform (Tomcat)	TCP/5002				SOAP monitor for Performance Monitor Service
Platform (Tomcat)	TCP/5003				SOAP monitor for Control Center Service
CUIC Reporting Process	UDP 54327 (Multicast)	Unified Intelligence Center node			Hazelcast Discovery
CUIC Reporting Process	TCP 57011	Unified Intelligence Center Node			Hazelcast

For more information on other port usages, see: http://www.cisco.com/c/en/us/support/unified-communications/unified-communications-manager-callmanager/products-maintenance-guides-list.html