



COMMUNICATION PORTS USED BY RCDEVs PRODUCTS

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Communication ports used by RCDevs products

[Ports](#) [LDAP](#) [SQL](#) [Traffic](#) [Firewall](#) [Radius](#) [SMTP](#)

Overview

This documentation demonstrates ports and protocols used by RCDevs products between different components.

1. Communication Ports used by RCDevs Products

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2. WebADM Cluster Ports

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At [RCDevs Hardening Guide - 5.5 HA Cluster Firewall Rules](#) is an example of the iptables firewall rules for a high availability cluster with 4 nodes.

3. Incoming and Outgoing Traffic per Product

Product	Incoming	Outgoing
WebADM Master (PKI role) & Web Services	SSH TCP 22 , Session Server TCP 4000 , SOAP TCP 8443 , HTTPS 443 , PKI TCP 5000	Session Server TCP 4000 to WebADM Slave, LDAPS 389 or 636 , SQL 3306 , Licenses service TCP 7001 to license.rcdevs.com, Push service TCP 7000 to push.rcdevs.com, SMTP port to your mail server
WebADM Slave (PKI client) & Web Services	SSH TCP 22 , Session Server __TCP 4000__ SOAP TCP 8443 , HTTPS 443	Session Server TCP 4000 to WebADM Master, LDAPS 389 or 636 , SQL 3306 , PKI TCP 5000 to WebADM Master, License service TCP 7001 to license.rcdevs.com, Push service TCP 7000 to push.rcdevs.com, SMTP port to your mail server
Radius Bridge	UDP 1812	TCP 8443 to WebADM
LDAP Bridge	LDAPS 389 or 636	TCP 8443 to WebADM(s) 389 or 636 to LDAP server(s)
WA Proxy	HTTPS 443	HTTPS 443 to WebADM
SpanKey Client	SSH TCP 22	SOAP TCP 8443 to SpanKey Web Service
Windows Plugins	X	SOAP TCP 8443 to OpenOTP Web service
PAM OpenOTP plugin	UNIX SOCKET	SOAP TCP 8443 to OpenOTP Web service
SQL Replication	TCP 3306	TCP 3306
OpenLDAP Replication	LDAPS 389 or 636	LDAPS 389 or 636

4. Change default WebADM listener Ports

The proper way to change a WebADM default listener port is by creating the `/opt/webadm/conf/webadm.env` file. In that file, you can configure the following settings:

```
# Interface used
INTERFACE=1.2.3.4

# Apache standard port
HTTP_PORT_STD=1080

# Apache SSL port
HTTP_PORT_SSL=1443

# Web Service standard port
SOAP_PORT_STD=2080

# Web Service SSL port
SOAP_PORT_SSL=2443
```

To take into account these changes, you have to restart your WebADM server(s).

If you need to change the PKI Server Port then follow this documentation [RCDevs Hardening Guide - 7.2 Change Port](#).

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