



# RCDEVS CLOUD SERVICES

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## 1. Overview

This document provides the necessary information for configuring RCDevs Cloud services on WebADM v2.x. This document is not applicable for WebADM 1.x versions.

### What is RCDevs Cloud Services ?

RCDevs Cloud Services are hosted by RCDevs Security SA, providing additional capabilities for OpenOTP and SpanKey, examples of cloud based functionality are:

- > Push Login/Signature
- > Cloud licenses
- > Cloud backup

The connection from the local WebADM server to the RCDevs Cloud is based on HTTP2 protocol, and can be transported through a proxy server between WebADM servers and RCDevs Cloud infrastructure. The unique endpoint for all services (push, licenses...) is <https://cloud.rcdevs.com>. Your WebADM server(s) must be allowed to reach <https://cloud.rcdevs.com> port 443 in order to use RCDevs Cloud Services.

Please note that this document is not a guide for installing WebADM or its applications (Web Services and WebApps). Specific application guides are available in [RCDevs Online Documentation](#). WebADM use or administration is not covered by this guide and is documented in the RCDevs [WebADM Administrator Guide](#). In this guide, we will consider a common installation scenario where WebADM v2.x is running in cluster mode with two active servers.

## 2. Requirements and configurations to use RCDevs Cloud Services

### 2.1 Mandatory

- > Running WebADM v2.x
- > WebADM server(s) must be licensed with a freeware or enterprise license. Freeware licenses can be self-generated from [cloud.rcdevs.com/freeware-license/](https://cloud.rcdevs.com/freeware-license/)
- > WebADM server(s) must be able to reach <https://cloud.rcdevs.com/> on port 443.
- > Enable setting `cloud_service yes` in `/opt/webadm/conf/webadm.conf`

```
# Enable RCDevs cloud services such as OpenOTP mobile Push and license services.  
# These features require a HTTPs outbound Internet access from the server.  
cloud_services Yes
```

Restart WebADM services to changes takes effect.

```
[root@webadm1 ~]# /opt/webadm/bin/webadm start

Checking libudev dependency... Ok
Checking system architecture... Ok
Checking server configurations... Ok

Found Trial license (RCDEVSSUPPORT)
Licensed by RCDevs Security SA to RCDevs Support
Licensed product(s): OpenOTP,SpanKey,TiQR

Starting WebADM PKI service... Ok
Starting WebADM Session service... Ok
Starting WebADM Watchd service... Ok
Starting WebADM HTTP service... Ok

Checking server connections...
Connected LDAP server: LDAP Server (192.168.3.60)
Connected SQL server: SQL Server (192.168.3.68)
Connected PKI server: PKI Server (127.0.0.1)
Connected Session server: Session Server (:::1)

Checking LDAP proxy user access... Ok
Checking SQL database access... Ok
Checking PKI service access... Ok
Checking Cloud service access... Ok
```

Your WebADM server is now configured with RCDevs Cloud Service and you can use feature which are allowed by your license.

## 2.2 Optional

› If you must pass external communications through a proxy, the proxy must be configured in

`/opt/webadm/conf/servers.xml` like below:

```
<ProxyServer name="HTTP Proxy"
  host="squid.rcdevs"
  port="3128"
  user="webadm"
  password="password"
  ca_file="" />
```

Restart WebADM services so the changes take effect.

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