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Web Services and Applications Deployment Guide

Password encryption

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Password encryption

For added security, consider encrypting your passwords in the **application.yaml** file. This feature is only supported for JAR (Spring Boot) distributables.

The following table identifies which passwords can be encrypted and where you can find them in the **application.yaml** file:

File section	Settings
jetty > ssl	<ul style="list-style-type: none"> keyStorePassword keyManagerPassword trustStorePassword
serverSettings	<ul style="list-style-type: none"> opsUserPassword cmePassword jksPassword webDAVPassword
serverSettings > samlSettings	<ul style="list-style-type: none"> encryptionKeyPassword signingKeyPassword tlsKeyPassword
serverSettings > accountManagement > smtpServer	<ul style="list-style-type: none"> password
cassandraCluster	<ul style="list-style-type: none"> password truststorePassword

Procedure: Encrypting passwords

Start

1. Run the GWS application with the **--encrypt** parameter followed by the password you need to encrypt. For example:

```
$ java -jar gws.jar --encrypt ops
CRYPT:an03xPrxLAu9p==
```

Password encryption

The GWS application only encrypts and prints the password. The server won't actually start.

2. Copy the printed encrypted password and paste into the **application.yaml** file. For example:

```
opsUserName: ops  
opsUserPassword: CRYPT:an03xPrxLAu9p==
```

The server only decrypts passwords that start with the **CRYPT:** prefix. Passwords without the **CRYPT:** prefix are considered plain text and remain unmodified.

End