

# CAST RESTAPI integrated upgrade

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**Summary:** This section describes the upgrade process for the **integrated CAST RESTAPI** when using the Dashboards embedded in AIP Console. CAST highly recommends upgrading this file when upgrading to a new release of the AIP Console/AIP Node packages.



If you are not using the Dashboards embedded in AIP Console, this step is **not required**. Instead, please see [Standalone Dashboard upgrade](#).

## Upgrading from CAST-RestAPI-integrated.war to cast-integrated-health-engineering-dashboard.zip

In **AIP Console 1.25**, the existing **CAST-RestAPI-integrated.war** has been replaced with the **cast-integrated-health-engineering-dashboard.zip** file. Fundamentally, this means that:

- **Apache Tomcat** is no longer required to host the .war file, instead the .zip file is bootable (a web application is included within it).
- AIP Console 1.25 will no longer function with a **CAST-RestAPI-integrated.war** provided with a previous release of AIP Console, therefore, those upgrading to AIP Console 1.25 and using embedded Dashboards, must use the **cast-integrated-health-engineering-dashboard.zip**

### Step 1 - Ensure Apache Tomcat is stopped

Before starting, ensure that Apache Tomcat is not running.

### Step 2 - Deploy the cast-integrated-health-engineering-dashboard.zip

The **cast-integrated-health-engineering-dashboard-<version>.zip** is provided in the installation media **.ZIP file** (alongside the .JAR installer for the AIP Console) and is partly pre-configured for use with the CAST AIP Console. Locate the file and move it to a suitable location - it can be run from anywhere.

See [Embedded CAST Dashboard deployment process](#) for more details about how to proceed.



CAST does not recommend **re-using existing files from the existing .war** file deployment: their contents and location have changed in the new .zip file.

### Step 3 - Check configuration details in AIP Console admin center

Ensure you check that the configuration details in [Administration Center - Settings - Dashboard Integration](#) are correct. In particular the **URL** to the newly deployed .zip file will have changed.

### Step 4 - Check access to CAST Dashboards from AIP Console

Browse to your AIP Console URL <http://<server>:8081/ui/index.html>, login to AIP Console and check that you can access the Engineering and Health Dashboards via the options:



## Step 5 - Undeploy the existing WAR file

Undeploy the existing **CAST-RESTAPI-integrated.war** file from Apache Tomcat - you can use Apache Tomcat manager to do this, or simply delete the relevant folder and file in `CATALINA_HOME\webapps`. Apache Tomcat is no longer required if you are only using it for the embedded Dashboards.

## Upgrading between CAST-RestAPI-integrated.war file - AIP Console 1.24

### Step 1 - Ensure Apache Tomcat is stopped

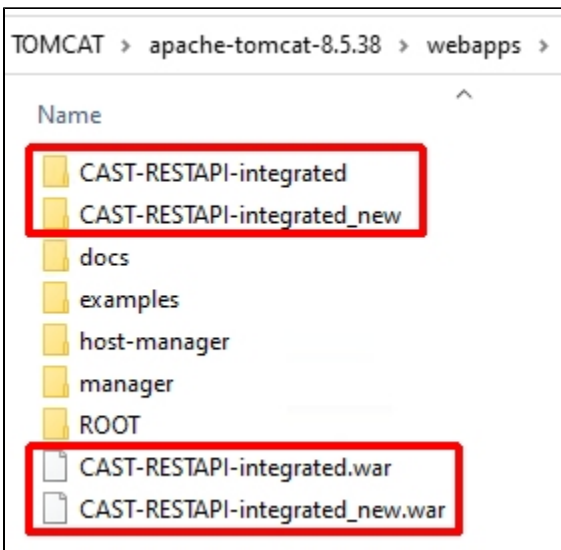
Before starting, ensure that Apache Tomcat is not running.

### Step 2 - Deploy the new CAST-RESTAPI-integrated.war

Obtain the new **CAST-RESTAPI-integrated.war** file from the AIP Console media and **rename** it so that you can deploy it alongside the existing **CAST-RESTAPI-integrated.war** file, for example to **CAST-RESTAPI-integrated\_new.war**. Now unzip the **CAST-RESTAPI-integrated\_new.war** to the following location:

```
CATALINA_HOME\webapps
```

This should give you the following file hierarchy:



### Step 3 - Copy and paste files from existing WAR file into the new WAR file

Copy the following files from the **existing WAR file**:

```
CATALINA_HOME\webapps\CAST-RESTAPI-integrated\META-INF\context.xml
CATALINA_HOME\webapps\CAST-RESTAPI-integrated\WEB-INF\license.key
CATALINA_HOME\webapps\CAST-RESTAPI-integrated\WEB-INF\domains.properties
```

And paste them in to the relevant location in the **new WAR file**, overwriting the existing files if they exist:

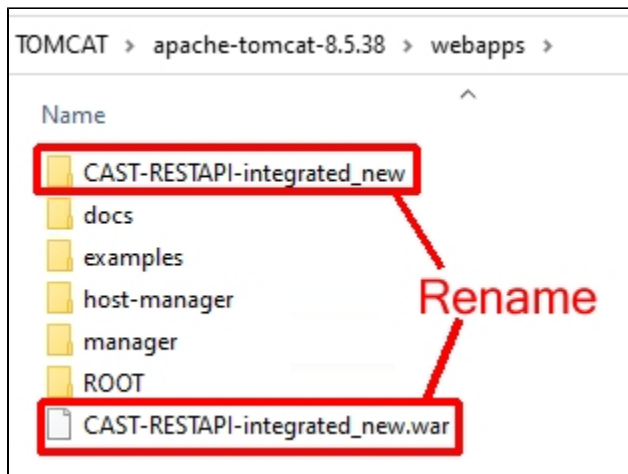
```
CATALINA_HOME\webapps\CAST-RESTAPI-integrated_new\META-INF\context.xml
CATALINA_HOME\webapps\CAST-RESTAPI-integrated_new\WEB-INF\license.key
CATALINA_HOME\webapps\CAST-RESTAPI-integrated_new\WEB-INF\domains.properties
```

## Step 4 - Undeploy the existing WAR file

Undeploy the existing **CAST-RESTAPI-integrated.war** file from Apache Tomcat - you can use Apache Tomcat manager to do this, or simply delete the relevant folder and file in `CATALINA_HOME\webapps`.

## Step 5 - Rename the new WAR file and corresponding folder

Rename the new WAR file and its corresponding folder to match the name used by the previous WAR file:



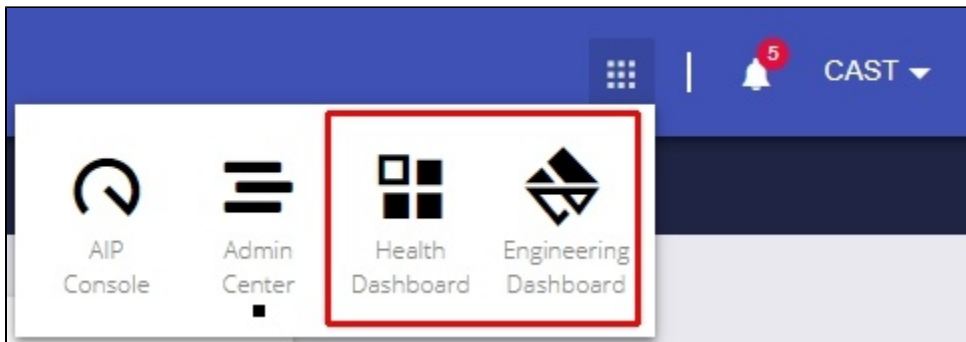
## Step 6 - Restart Apache Tomcat

Restart Apache Tomcat and ensure that the **CAST-RESTAPI-integrated webapp** has started correctly using **Apache Tomcat manager**:

Tomcat Web Application Manager						
Message:		OK				
Manager						
<a href="#">List Applications</a>	<a href="#">HTML Manager Help</a>	<a href="#">Manager Help</a>	<a href="#">Server Status</a>			
Applications						
Path	Version	Display Name	Running	Sessions	Commands	
/	None specified	Welcome to Tomcat	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes	
/CAST-RESTAPI-integrated	None specified	CAST RESTful Web Services 1.18.0.772	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 120 minutes	

## Step 7 - Check access to CAST Dashboards from AIP Console

Browse to your AIP Console URL `http://<server>:8081/ui/index.html`, login to AIP Console and check that you can access the Engineering and Health Dashboards via the options:



## Troubleshooting

### Cannot access the Dashboards post upgrade

Check that:

- the settings are correct in [Administration Center - Settings - Dashboard Integration](#)
- the settings in the `CAST-RESTAPI-integrated.war` file are as described in [Install CAST Dashboards - existing customers](#)