

# AIP Console - Upgrade - AIP Node Service does not start after upgrade

## Purpose (problem description)

After upgrading AIP Console to 1.24, it is observed that the AIP Node service is not starting.

Error stack is as shown below -

```
03:27:56.996 [main] ERROR org.springframework.boot.SpringApplication - Application run failed  
java.lang.NullPointerException: null  
at com.castsoftware.webi.common.VersionInformation.access$100(VersionInformation.java:10) ~[cast-common-1.24.0.jar!/:1.24.0]  
at com.castsoftware.webi.common.VersionInformation$Precision$1.getValue(VersionInformation.java:32) ~[cast-common-1.24.0.jar!/:1.24.0]  
at com.castsoftware.webi.common.VersionInformation$Precision.compare(VersionInformation.java:82) ~[cast-common-1.24.0.jar!/:1.24.0]  
at com.castsoftware.webi.common.VersionInformation.isLowerThan(VersionInformation.java:291) ~[cast-common-1.24.0.jar!/:1.24.0]  
at com.castsoftware.webi.common.VersionInformation.isHigherThan(VersionInformation.java:212) ~[cast-common-1.24.0.jar!/:1.24.0]  
at com.castsoftware.aip.node.configuration.ContextRefreshedListener.checkUpgradeAvailableApplications(ContextRefreshedListener.java:422) ~  
[classes!/:1.24.0-87]  
at com.castsoftware.aip.node.configuration.ContextRefreshedListener.onApplicationEvent(ContextRefreshedListener.java:133) ~[classes!/:1.24.0-87]
```

## Observed in AIP console versions

Release	Yes/No
1.15x-1.24x	✓

## Observed in RDBMS

RDBMS	Yes/No
Oracle Server	N/A
Microsoft SQL Server	N/A
CSS3	N/A
CSS2	N/A

## Step by Step scenario

1. Migrate AIP Console from a lower version to a higher version as per the documentation here - [Upgrade process](#)
2. Try to start the Node.

## Action Plan

The issue occurs because the version of CAST AIP is not reflecting in the AIP Node H2 DB.

To solve the issue, Perform the below actions

1. Run the below query on your H2 Node Database to check the applications having a null value for the CAST AIP Version.

### Check AIP Version

```
select GUID, NAME, CAIP_VERSION From APPLICATION where CAIP_VERSION is null;
```

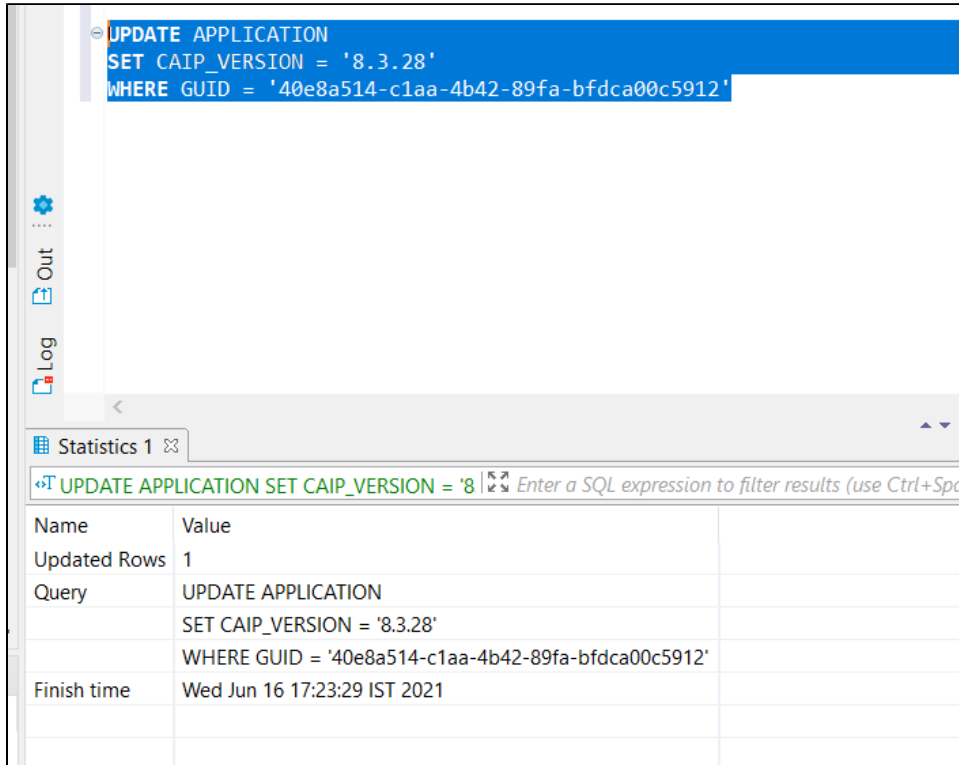
The screenshot shows a database client interface with a script editor at the top containing the query: `select GUID, NAME, CAIP_VERSION From APPLICATION where CAIP_VERSION is null;`. Below the editor, a table titled 'APPLICATION 1' displays the results of the query. The table has three columns: GUID, NAME, and CAIP\_VERSION. The results show five rows of data, all with NULL values in the CAIP\_VERSION column.

	GUID	NAME	CAIP_VERSION
1	40e8a514-c1aa-4b42-89fa-bfdca00c5912	_CI002246335	[NULL]
2	afaa64e9-fe2b-4e87-87b5-737a2e0ad145	_CI016445567	[NULL]
3	6bfc6021-bf11-4f88-9e2e-0c447c579daa	_CI007179581	[NULL]
4	69cbb5e-29a2-470c-8e04-d7e3f8fa8d9c	_CI007179528	[NULL]
5	92b9a1df-1482-4a54-a637-d44c9457b791	_CI002287122	[NULL]

2. If NULL, Update the CAIP Version field with the corresponding AIP Core Version number (Ex. 8.3.28).

Query to update

```
Update CAIP Version  
  
UPDATE APPLICATION  
SET CAIP_VERSION = '<CAST AIP Version number>'  
WHERE GUID = '<GUID>'
```



3. You can start your AIP Node service after this.

4. If the above steps do not solve your issue contact [CAST Technical Support](#). with the following [Relevant input](#) for CAST Technical Support to carry out further investigations

### Relevant input

- CAST AIP Console Logs [CAST Management Studio - Information - How to find logs](#)
- Detail of specific steps done
- Any applicable screenshots

### Notes/comments

Ticket # 30138

### Related Pages