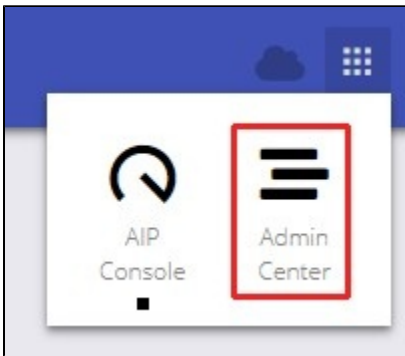


Configure your CAST Storage Service or PostgreSQL instances - v. 2.x

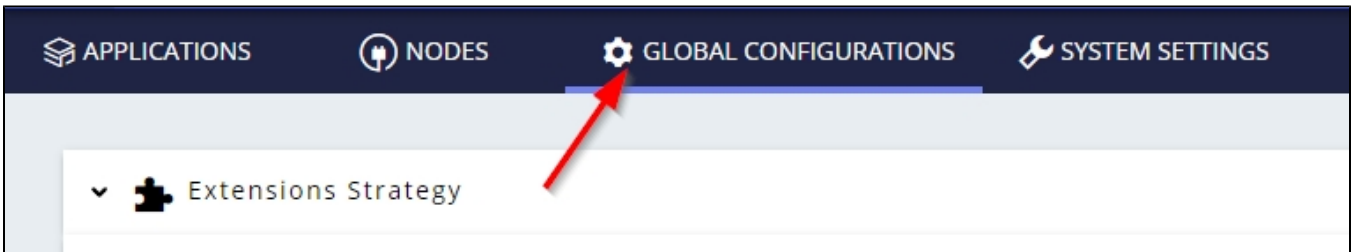
- [Introduction](#)
- [Add your additional CAST Storage Service/PostgreSQL instances](#)
- [Enable your CAST Storage Service/PostgreSQL instances for Analysis/Snapshot and/or Measurement storage requirements](#)
 - [Enable for Analysis/Snapshot storage requirements](#)
 - [Enable for Measurement storage requirements](#)
 - [Enable instance](#)
 - [Define Measurement schema name](#)

Introduction

Before creating any applications, you should ensure that you configure your CAST Storage Service/PostgreSQL instances that will be used for your **analysis/snapshot schema storage** and for your **Measurement schema**. To do so, switch to the **Admin Center**:



Then click the **Global Configurations** tab:




Then expand the **CSS and Measurement Settings** section - see [Administration Center - Settings - CSS and Measurement settings](#):

CAST **AIP** Administration Center

APPLICATIONS NODES GLOBAL CONFIGURATIONS SYSTEM SETTINGS



- Extensions Strategy
- Assessment Model Strategy
- Snapshot Indicators
- Default Dynamic Links Rules
- Exclusion Templates
- Source Folder Location
- CSS and Measurement settings
- Job History Strategy



Focus on the **Settings** section:

SETTINGS

[ADD DATABASE CONNECTION](#)

Database connection	CSS	Measurement		
192.168.200.107:2285/postgres	<input checked="" type="checkbox"/>	<input type="radio"/>		

Rows per page 10 ▾ 1-1 of 1 < >

Measurement schema name
general_measure

[OPTIMIZE](#) [SAVE](#)



In **Enterprise mode**, by default, one database connection **will already be predefined**:


- When using **Docker/Docker Desktop**, this is a connection to the PostgreSQL database provided as a Docker container and is used to store the **aip_node** and **aip_config** persistence schemas
- When using **Java JAR installers**, this is a connection to the CAST Storage Service/PostgreSQL database defined in the **Service Registry** installer used to store the **node_standalone** persistence schema



It is possible to use this database connection for your analysis/snapshot schema storage needs, however, **CAST strongly recommends** that you deploy **additional** standalone CAST Storage Service/PostgreSQL instances that are dedicated to analysis/snapshot schema storage only.

Add your additional CAST Storage Service/PostgreSQL instances

Now add any additional CAST Storage Service/PostgreSQL instances that you want to make available to your Node instances for analysis/snapshot schema storage purposes for each Application that you create or for Measurement schema storage using the **Add Database Connection** button:

SETTINGS

 **ADD DATABASE CONNECTION**

Database connection	CSS	Measurement		
192.168.200.107:2285/postgres	<input checked="" type="checkbox"/>	<input type="radio"/>		

Rows per page 10 ▾ 1-1 of 1 < >

Measurement schema name
general_measure

OPTIMIZE **SAVE**

Then fill in the required details and click **Add** when ready (Console will check that the connection can be made using the parameters you enter):

Add database connection

Host

Port

Username

Password

Database name

postgres


Use SSL

CANCEL

ADD





Host	The host name of your target CAST Storage Service/PostgreSQL instance, e.g. a host name or IP address.
Port	The port which your target CAST Storage Service/PostgreSQL instance is running on.
Username	The login credentials for your target CAST Storage Service/PostgreSQL instance. For example operator/CastAIP for a CAST Storage Service in default configuration.
Password	
Database name	The PostgreSQL database used to store your schemas. For a CAST Storage Service in default configuration, this will be postgres (this will be prefilled) but if your target instance uses a different database name, please modify it as appropriate.
Use SSL	Tick this option if your target CAST Storage Service/PostgreSQL instance is running in SSL encrypted mode. See SSL encrypted mode configuration for CAST Storage Service and PostgreSQL .

The newly added CAST Storage Service/PostgreSQL instance will now appear in the list:

^  CSS and Measurement settings

SETTINGS

[ADD DATABASE CONNECTION](#)

Database connection	CSS	Measurement		
192.168.200.107:2285/postgres	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>		
UBUNTU2004:2282/postgres	<input type="checkbox"/>	<input type="radio"/>		

Rows per page 10 ▾ 1-2 of 2 < >




- You can add as many additional CAST Storage Service/PostgreSQL instances as you need.
- You can add additional instances at any time.

Enable your CAST Storage Service/PostgreSQL instances for Analysis /Snapshot and/or Measurement storage requirements

When you have added your additional CAST Storage Service/PostgreSQL instance(s), you now need to decide which storage requirements you will enable:





Enable for Analysis/Snapshot storage requirements

To make a newly added CAST Storage Service/PostgreSQL instance available to your Nodes for Analysis/Snapshot storage requirements, you need to tick the check box in the **CSS column** and then click **Save**. In the example below, the instance "UBUNTU2004" is ticked, while the "192.168.200.107" default Docker container instance is unticked:

^  CSS and Measurement settings ↑

SETTINGS

[ADD DATABASE CONNECTION](#)

Database connection 192.168.200.107:2285/postgres	<input type="checkbox"/>	CSS	Measurement <input checked="" type="radio"/>		
Database connection UBUNTU2004:2282/postgres	<input checked="" type="checkbox"/>	CSS	Measurement <input type="radio"/>		

Rows per page 10 ▾ 1-2 of 2 < >

Measurement schema name
general_measure

[OPTIMIZE](#) [SAVE](#)

When you [add a new Application](#), any CAST Storage Service/PostgreSQL instances that are ticked in the above screen will be **available as storage for your Application**. For example, ticking both instances will show the following selector:

Add application

Application Name *

Domain Name

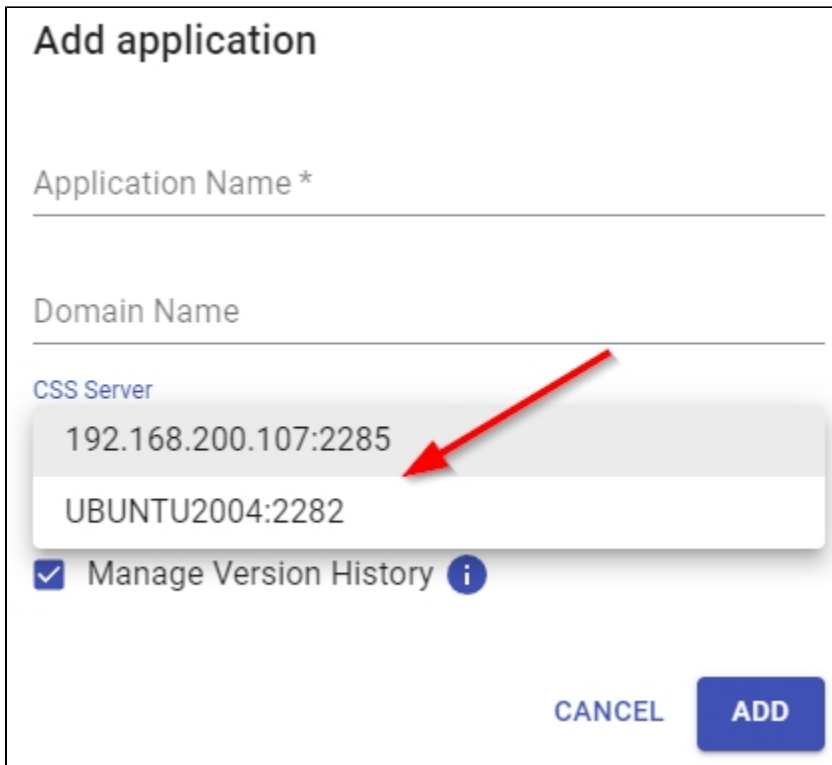
CSS Server

192.168.200.107:2285

UBUNTU2004:2282

Manage Version History i

CANCEL ADD




Enable for Measurement storage requirements

The Measurement schema is required for consolidating snapshot data from **all Nodes** for display in the **CAST Health Dashboard**. Only **one Measurement schema** is required for all Nodes and this schema will be used by the CAST Health Dashboard exclusively. CAST recommends that you always deploy **1 x CAST Storage Service/PostgreSQL** (on a dedicated Windows (CAST Storage Service) or Linux (PostgreSQL) server) **only for the MEASUREMENT schema**.

If you need to add a new instance, use the **Add Database Connection** button as explained [above](#).





Enable instance

Then, enable the instance you want to use for the Measurement schema using the radio buttons in the **Measurement column** - you can only select ONE instance - and click the **Save** button:

^  CSS and Measurement settings

SETTINGS


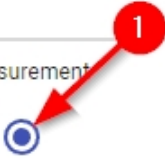
[ADD DATABASE CONNECTION](#)

Database connection	CSS	Measurement		
192.168.200.107:2285/postgres	<input checked="" type="checkbox"/>	<input type="radio"/>		
UBUNTU2004:2282/postgres	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>		

Rows per page 10 ▾ 1-2 of 2 < >


Measurement schema name
general_measure

[OPTIMIZE](#) [SAVE](#)







Define Measurement schema name

For the Measurement schema name, Console will suggest the name **general_measure**, however, you can use any name you require:

^  CSS and Measurement settings

SETTINGS



[ADD DATABASE CONNECTION](#)

Database connection	CSS	Measurement		
192.168.200.107:2285/postgres	<input checked="" type="checkbox"/>	<input type="radio"/>		
UBUNTU2004:2282/postgres	<input checked="" type="checkbox"/>	<input checked="" type="radio"/>		

Rows per page 10 ▾ 1-2 of 2 < >

Measurement schema name
general_measure

[OPTIMIZE](#) [SAVE](#)



Authorized characters for the name are as follows:

- 0-9
- A-Z
- _ (underscore)

A validation process is actioned when you click **Save**, and any unauthorized characters, such as -, # or \$ will be rejected.