

Add a new Application

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Login

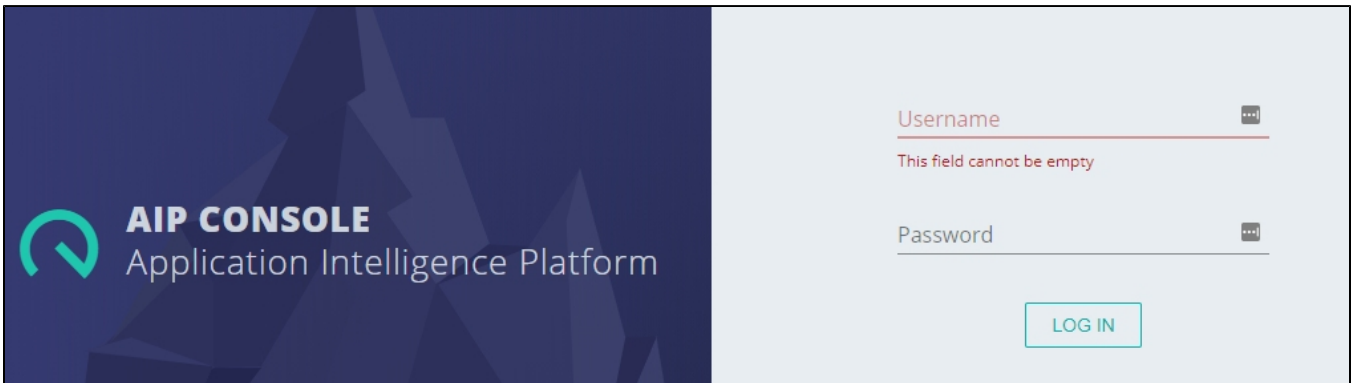
Before you add a new Application, you need to login to AIP Console. Browse to the following URL:

```
http://<server>:8081/ui/index.html
```

Remember to modify the URL to your local environment:

- Change **localhost** to the machine on which the AIP Console package is running
- Change the **port number** if anything other than port 8081 has been configured

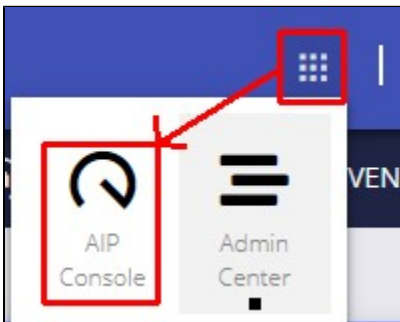
Following login page is displayed, enter your login credentials:



Add a new Application

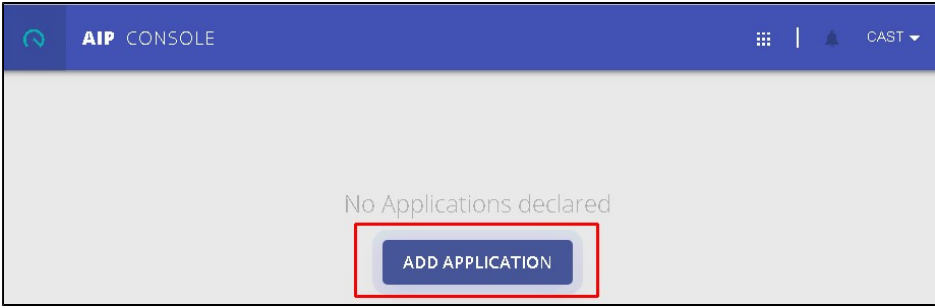
i To add a new Application, your AIP Console login must have the **Admin** or **Application Owner** role.

Move to the **AIP Console** screen, if you are not already there:

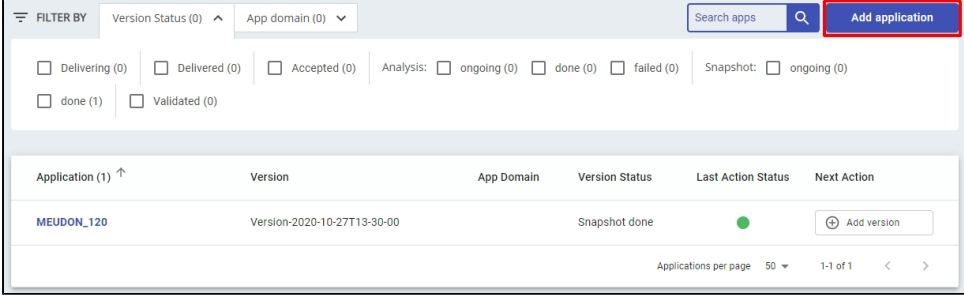


Click the **Add Application** button:

No existing Applications



Existing Applications



A floating dialog box will prompt you to fill in details for the new Application:

Add application

Application Name*

Domain Name

Nodes
local node ▼

local node AIP - 8.3.37 0 Applications

RAM 8.0 GiB - CPU 2.2 GHz 16.2 GiB Free

Manage Version History i

CANCEL
ADD

Application Name

A **name** for the Application.



- The following characters are not authorized in Application names : \ / : * ? " < > |
- Identical Application names are not authorized.
- Application names are case insensitive, therefore attempting to create an application called **TEST** when **test** already exists

Corresponding schema names created on the CAST Storage Service/PostgreSQL instance

General constraints:

- Three schemas are required using the following **suffixes**, except where a GUI is used as explained below:
 - **_mngt** = Management schema
 - **_local** = Analysis schema
 - **_central** = Dashboard schema
- A valid CAST Storage Service/PostgreSQL schema name is a string of **63 or fewer characters**.
- The schema name must begin with a **letter** or an **underscore** (**_**).
- Subsequent characters can be **letters**, **underscores** or **digits (0-9)**.
- Schema names beginning with **"pg_"** are reserved for system purposes and therefore cannot be used.

Taking into account the constraints mentioned above, AIP Console does the following list of transformations to generate a **prefix name**, in this example: ***8App_Prod! (main.app)**

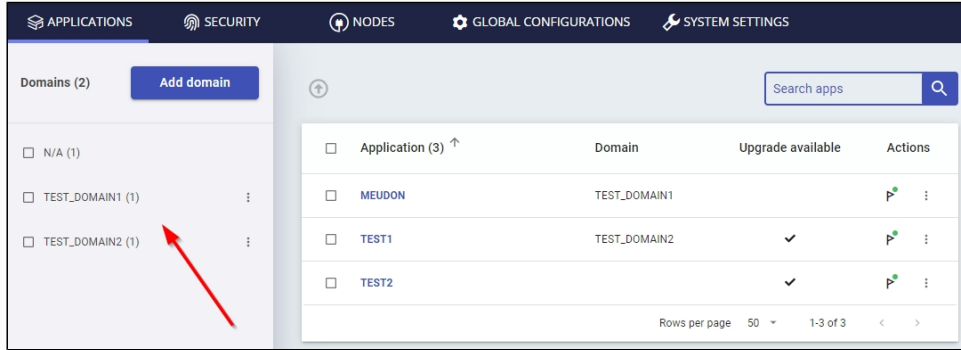
- take the application name and put it in lower case: ***8-app_prod! (main.app)**
- replace space, dash "-" or dot "." and replace with an underscore: ***8_app_prod!_(main_app)**
- remove all invalid characters (the characters that are not letters, underscores or digits (0-9)): **8_app_prod_main_app**
- if the prefix starts with a digit or "pg_", add an underscore before: **_8_app_prod_main_app**
- if the prefix is longer than 55 characters (63 - 8 characters for suffix) reduce it to 55 by removing the last characters, giving:
 - **_8_app_prod_main_app_mngt**
 - **_8_app_prod_main_app_local**
 - **_8_app_prod_main_app_central**
- if a schema with the chosen prefix already exists:
 - if the prefix is longer than 52 characters (55 - 3 characters for counter) reduce it to 52 by removing the last characters
 - for a counter from 01 to 99 add counter suffix and check if schema exists:
 - **_8_app_prod_main_app_01**
 - **_8_app_prod_main_app_02**
 - ...
 - **_8_app_prod_main_app_99**
 - if all possible schemas exist then generate schema prefix from the application guid, giving the following:
 - **uuid_5446d035_7d96_4f16_853e_a1b89e044029_mngt**
 - **uuid_5446d035_7d96_4f16_853e_a1b89e044029_local**
 - **uuid_5446d035_7d96_4f16_853e_a1b89e044029_central**

Domain Name

A domain name:

- if this is the first Application you are adding, no domain names will exist - you can therefore either enter the name of a domain and the Application is added, or leave the field blank in which case the Application will not belong to any domain (listed under **No Domain**).
- if you have already added an Application and created a domain at the same time, or you have **manually added a domain**, all existing drop down list. Selecting one will assign the new Application to the existing domain.

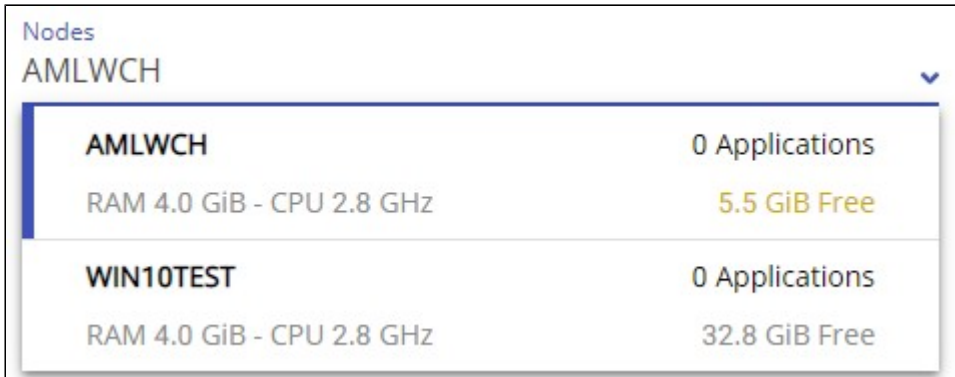
i A domain is a method of grouping Applications together primarily to assign **user roles**.



- i**
- A "domain" is a method of grouping Applications together so that **user roles** can be assigned to all the Applications in a group managed in the **Administration Center**.
 - Following characters should not be used in Domain names: \ / : * ? " < > | ()

Nodes

Choose the **AIP Node** on which you want to add the Application. All schemas required for the new Application will be installed on the **CA/PostgreSQL server** associated with the selected node (this was configured during the **AIP Node package - back-end installation**):



Manage Version History

i Available in **AIP Console 1.26**.

This option determines the **Delivery Mode** that will be used for your application. By default the **option will be ticked**, meaning that the standard way and all version history is retained. Unticking the option will cause the application to be created using a "rapid" delivery mode retained. See **AIP Console - Delivery Modes** for more detailed technical information about the different modes available.

! It is not possible to change modes once you have created an application.

Click **Add** to start the process:

Add application

Application Name*
SEVRES

Domain Name
TEST A


i This domain does not exist, therefore it will be created

Nodes
local node ▼

local node AIP - 8.3.37	0 Applications
RAM 8.0 GiB - CPU 2.2 GHz	16.2 GiB Free

Manage Version History **i**

CANCEL **ADD**



The process will begin (*click to enlarge*) - you can stop it any time using the STOP button:

SEVRES

In progress 00 : 00 : 11

Steps

Create Delivery folder [View Log](#)

- Create application schemas
- Set up Management database
- Declare application in Management database

STOP

A successful addition is shown below (*click to enlarge*) - you can click the "View Log" options to view the log for each step in the process:

SEVRES

Last execution ended successfully

00 : 02 : 06

Steps

- Create Delivery folder [View Log](#)
- Create application schemas [View Log](#)
- Set up Management database [View Log](#)
- Declare application in Management database [View Log](#)

What is installed with a new Application?

When you add a new Application, the following actions are performed:

- A **Delivery folder** (a central location specific to the Application used for storing successive and compressed versions of an Application's source code) **dedicated to the new Application** is created on the **AIP Node** in the following default location: `%PROGRAMDATA%\CAST\AipConsole\AipNode\delivery\` (note that this location may have been changed during the installation process)
- Three **Application schemas** are created on the CAST Storage Service/PostgreSQL server associated to the AIP Node - these schemas are created from **dumps** shipped with AIP Core, therefore their release number will **match the release of AIP Core used on the AIP Node**. These schemas are used to store the analysis data. Details about these schemas can be seen by users with the **Admin role** in **Administration Center - Applications - Application Details**. The names used for the three schemas will mirror the Application name as shown below, except in situations detailed previously in this document:
 - Management schema (<appname>_mngt)
 - Analysis schema (<appname>_local)
 - Dashboard schema (<appname>_central)
- No **CAST AIP extensions** are installed at this time. See **Application - Extensions** for more information.