

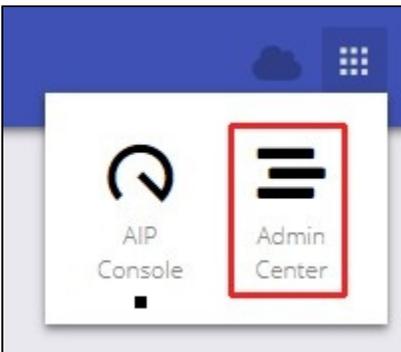
Administration Center - Nodes

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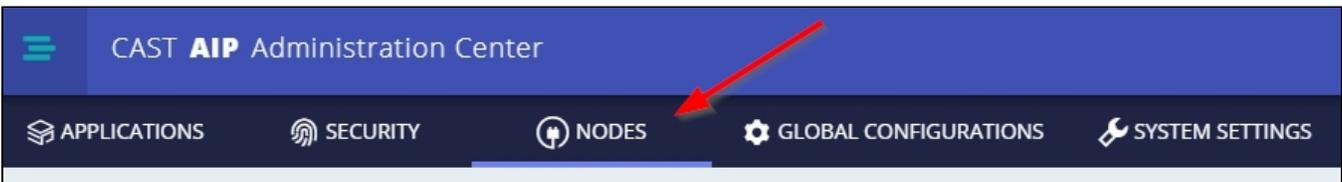
i **Summary:** documentation for the **Nodes panel** in the Console Administration Center.

Accessing the Nodes panel

Login with a user account that already has the [Admin role](#) and switch to the **Admin Center**:



Now move to the **Nodes** panel:



i Options available in the **Nodes** panel are global to the **entire Console**, i.e. **all Applications** managed in the Console.

Nodes

An Node is a server/instance on which **AIP Core** has been installed together with the **Node package** (see [AIP Node package - back-end installation](#)). The node is then registered in Console and used for analysis purposes. The Nodes section:

- lists all Nodes that have been configured for use in Console (each line represents a Node). Note that in **2.x**, Nodes that are powered off (after having been registered) will not be visible.
- provides a means to view the status of your Nodes and their associated CAST Storage Services/PostgreSQL instances.

In **1.x**, it is also possible to do the following (this is not possible in **2.x** because Nodes are stateless):

- add new Nodes
- edit existing Nodes
- disable/enable Nodes
- delete existing Nodes

2.x

 WIN10TEST:60740 http://192.168.200.108:60740 <div style="float: right; text-align: right;">     ^ </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> CAIP - 8.3.42 RAM 8 GB - CPU 2.2 GHz </div>
 DINLLAEN:20930 http://192.168.200.19:20930 <div style="float: right; text-align: right;">     ^ </div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> CAIP - 8.3.40 RAM 15.95 GB - CPU 3.4 GHz </div>

 WIN10TEST:60740	Name of the registered Node (may include the port number). This name is determined automatically and consists of the server host name and the (random) port that the Node service is running on.
http://192.168.200.108:60740	URL of the registered Node.
 <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">21.6 GB Free</div>	Shows the status of the disk storage on the Node. Rolling the mouse pointer over the icon will display the amount of free disk space in GB.
   <div style="border: 1px solid #ccc; padding: 2px; display: inline-block;">UBUNTU2004:2282</div>	Shows the status of all CAST Storage Service/PostgreSQL instances (whether it is "up"  or "down"  (unreachable)) configured in Console (see Administration Center - Settings - CSS and Measurement settings). Rolling the mouse pointer over the icon will display the host name and port number of the instance.
	Use this option to expand the selected node and view the AIP Core release running in the node and other technical specifications of the node itself: <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> CAIP - 8.3.42 RAM 8 GB - CPU 2.2 GHz </div>



- Node instances are **registered automatically** when they are installed, so there is no need to add them manually (and which is why there are no **add** or **edit** buttons).
- Where **multiple** Node instances are configured, Console will automatically operate in load-balancing mode where the least used Node instance is selected from the pool of Node instances to perform the next job (analysis/snapshot etc.). By default, if multiple Node instances are available, Console will choose the Node instance running the most recent release of AIP Core.

NODES + ADD NODE

^ 🔌 server1 AIP - 8.3.23

<http://server1:8082>
📄
✎
🔵
🗑️

CSS server up - 192.168.200.104:2282

RAM 8.0 GiB - CPU 2.8 GHz - 27.4 GiB Free

1 Applications

v 🔌 server2 AIP - 8.3.15

<http://server2:8082>
📄
✎
🔵
🗑️

+ ADD NODE

Click to add a new Node:

Add Node

Name*

Scheme v Host* Port*

Token*

CANCEL
ADD

Name	Enter a name to identify the Node you are configuring - CAST recommends using the server host name for easy identification.
Scheme	Choose whether the Node has been configured to run as http (default) or https .
Host	Enter the network name/IP address of the remote Node.
Port	Enter the port number which the Node is running on (default is 8082).
Token	<p>Enter the token that you received while installing the Node package - see AIP Node package - back-end installation. If you did not record the token during the installation, it can be found in the following file on the Node:</p> <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <pre><console_installation>\AipNode\data\aip-node-app.properties</pre> </div> <p>The token is located on the following line after the = sign:</p> <div style="border: 1px solid gray; padding: 5px; margin: 5px 0;"> <pre>spring.liquibase.parameters.baseToken=</pre> </div>

Name	<p>Name of the Node as defined when it was added. Note that Nodes listed:</p> <ul style="list-style-type: none"> in green signify Nodes that are actively responding to Console (even if disabled) in red signify Nodes that could not be located on the network (the Node may be powered off or a network issue may be preventing Console from communicating with the Node).
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AIP Core release	Displays the release of AIP Core installed on the Node: <div style="text-align: center; border: 1px solid gray; border-radius: 10px; padding: 5px; width: fit-content; margin: 0 auto;">AIP - 8.3.15</div>						
Host	URL of the node as defined when it was added.						
	Shows the status of the associated CAST Storage Service/PostgreSQL instance - whether it is "up"  or "down"  (unreachable).						
	Use this option to edit an existing Node: <div style="border: 1px solid gray; padding: 10px; margin: 10px auto; width: 80%;"> <p>Edit Node amlwch</p> <p>Name* amlwch</p> <hr/> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Scheme</td> <td style="width: 33%;">Host*</td> <td style="width: 33%;">Port*</td> </tr> <tr> <td>http</td> <td>amlwch</td> <td>8082</td> </tr> </table> <hr/> <p>Token* AgulDmhTD6zCzrwQAaTR</p> <hr/> <div style="text-align: right; margin-top: 10px;"> CANCEL EDIT </div> </div>	Scheme	Host*	Port*	http	amlwch	8082
Scheme	Host*	Port*					
http	amlwch	8082					
	Choose to either enable or disable the selected Node: <ul style="list-style-type: none"> When Enabled, the Node can be used for analysis purposes. When Disabled, the Node cannot be used for analysis purposes - i.e. any Applications defined on this Node, will be completely invisible in Console. 						
	Click to delete the Node. Doing so will remove the Node from Console. Deleting the Node does not delete any Applications, Domains or schemas associated with the deleted Node, however all references to these will be removed from Console. If you re-add a deleted Node (providing no changes have been made on the Node itself or in the CAST Storage Service/PostgreSQL instance), then all Applications, Domains and schemas associated with the Node will be visible once again and can be used without further configuration.						
	Use this option to expand the selected node and view the status of the associated CAST Storage Service/PostgreSQL instance and the technical specifications of the node itself: <div style="border: 1px solid gray; padding: 10px; margin: 10px auto; width: 80%;"> <p>server1</p> <div style="border: 2px solid red; padding: 5px; margin: 5px auto; width: 80%;"> <p>CSS server up - 192.168.200.104:2282</p> <p>RAM 8.0 GiB - CPU 2.8 GHz - 27.4 GiB Free</p> </div> </div> <p>This information may take a few minutes to populate after adding a new Node.</p>						

 Declaring a new Node in Console when the **embedded Dashboards have already been configured** requires that you **save** the Dashboard Integration settings to ensure any snapshots generated with the Node before it was declared are made available in the dashboards.