



Map Settings

Access: WAE Live > Settings > Map tab

The Settings > Map tab lets you configure the WAE Live Map panels and set a default layout for the weathermap. These configurations apply to all networks and are not configurable for a specific network.

Map Archives and Templates

WAE Live automatically creates the template (template.pln) file from the most recently collected plan file if no template exists. These templates and plan files are stored in map archives for use in the Map component. If visual elements have not been applied, the plan file is visualized in the default, unprocessed state. To create the visual elements of a template file and save it to a map archive, use the WAE Design GUI.

A unique map archive name and path are automatically created and configured for a network when the network is added. These map archives are stored in `$WAE_ROOT/data/mldata/archives` as `<network_name>-archive`.

About Advanced Configuration Settings

Access: WAE Live > Settings > Map tab > Advanced Config (in lower-left corner)

As is the case with the WAE server, the Map tab includes an advanced configuration (Advanced Config) link. Clicking this link displays configuration details for the Map component. While you can edit this file, be advised that any changes you make could adversely impact your Map setup. We recommend that you consult with your support representative for assistance before changing any parameters.

Default Map Archive Setting

Assuming that you are using the default map archive path setting and the default installation directory `/opt/cariden`, the property that defines the path to the map file is:

```
"Map.ArchivePath": "/opt/cariden/data/mldata/archives/default-archive"
```

Overriding the Default Map Archive Setting

You can override the default map archive setting. The `Map.ArchivePath` property controls the location and map archive name. It uses the following format:

```
"Map.ArchivePath": "<map_archive_path>/<network_name>-archive"
```

For example, if you want to change the name of the default archive to reflect the “Acme” network’s weathermap, change this property to:

```
"Map.ArchivePath": "/opt/cariden/data/mldata/archives/acme-archive"
```

Map archives are automatically created when you change the `Map.ArchivePath` property.

Configuring the Traffic Panel

The Traffic Widget section lets you configure the Peering panel on the Map page. This panel shows the highest traffic utilization per peer and per site. The far left column lists the peers, while each top column lists the associated sites. The icons in the panel represent the traffic flowing between the two.

For this panel to have data, you must configure the collection of BGP.



Traffic Widget Fields

- **Enabled**—If checked, the panel shows in the Map page.
- **Title**—The name of the panel to appear on the Map page.
- **Rows**—Configure the ASNs (external peers) used in the panel. Their names appear on the left side of the panel. Each ASN represents a row in the panel.

- Top ___ ASNs by Traffic Utilization—The ASNs with the highest traffic utilization. Enter a whole number from 1 to 20.
- Except—To exclude specific ASNs that would be captured by the highest utilization, enter one or more ASNs separated by commas.
- Only These—To use only a specific set of ASNs, regardless of their traffic utilization, enter one or more ASNs separated by commas.
- Columns—Configure the sites used in the panel. Their names appear across the top of the panel. Each site represents a column in the panel.
 - Top ___ Sites by Traffic Utilization—The sites with the highest traffic utilization. Enter a whole number from 1 to 20.
 - Only These—To use only a specific set of sites, regardless of their traffic utilization, enter one or more site names separated by commas.

Configuring the Events Panel

The Events Widget lets you configure which events appear on the Map page. This panel tracks a set of current events and the number of changes since the last plan file was received.

Events	Count	Last Δ
Circuits down	600	+0 -0
Nodes down	11	+4/-3

Configuration of this panel is a combination of this UI and the `default_timeplot_summary_format.txt` file located in the `$CARIDEN_HOME/etc/matelive` directory.

For an event to appear, it must be configured in both locations. Combining the examples in this section would result in two events in the panel: Circuits down and Nodes down.

- `default_timeplot_summary_format.txt` file—Defines the metrics used for the events. Each metric is listed in the “Queries” section. For information on how to configure this file, see the comments at the end of the file.

Example: This is an excerpt from the default file.

```
-----Queries-----
# Circuit Down
CircuitsDown SELECT Old_Name AS Details
CircuitsDown FROM Joined_Circuits
CircuitsDown WHERE ((Old_Name IS NOT NULL) AND (Name IS NULL)) OR ((Old_Active = 'T')
AND (Active = 'F'));

#Node Down
NodesDown SELECT Old_Name AS Details
NodesDown FROM Joined_Nodes
NodesDown WHERE ((Old_Name IS NOT NULL) AND (Name IS NULL)) OR ((Old_Active = 'T') AND
(Active = 'F'));
```

- Events Widget UI—This section lists the metrics and their display names. Each metric must match an event metric (query) that appears in the `default_timeplot_summary_format.txt` file.

Example:

Metric	Display Name
CircuitsDown	Circuits down
NodesDown	Nodes down

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Events Widget Fields

- Enabled—If checked, the panel shows in the Map page.
- Title—The name of the panel to appear on the Map page.
- Add Metric—Click to add a new event for display on the Map page.
 - Metric—The name of the event metric that appears in the `default_timeplot_summary_format.txt` file.
 - Display Name—The event name that appears in the panel on the Map page.
- Edit (pencil icon)—Edit the event metric name or the display name.
- Delete (trash can icon)—Delete a metric from the UI so that it no longer appears in the Events panel. There is no undo.