
Add FlexCard States and Conditions



NOTE:

Did you sign up for a [special OmniStudio Developer Edition org](#) already? You'll need one to do the steps in this guide. If not, use the link to fill out the form and have an org delivered to your inbox. The Exercise Guide in the first unit of this module has more detailed steps for this process if you need them.

Requirements

“As a service agent, I'd like to view weather and weather forecast information for the account's location and see alerts of any hazardous weather conditions.”

Create a new FlexCard State to alert users when there is a hazardous weather condition (Heavy Snow) present at a location.

Prerequisites

- Build a FlexCard with External Data

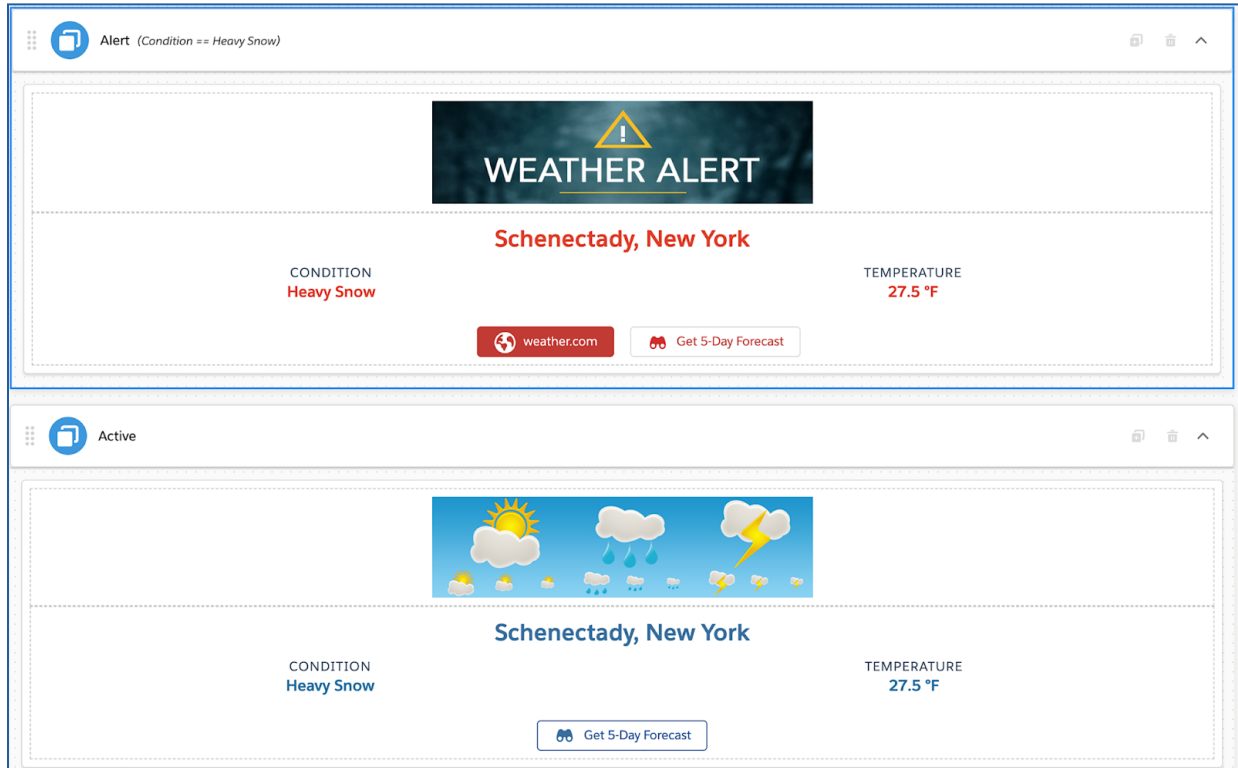
Tasks

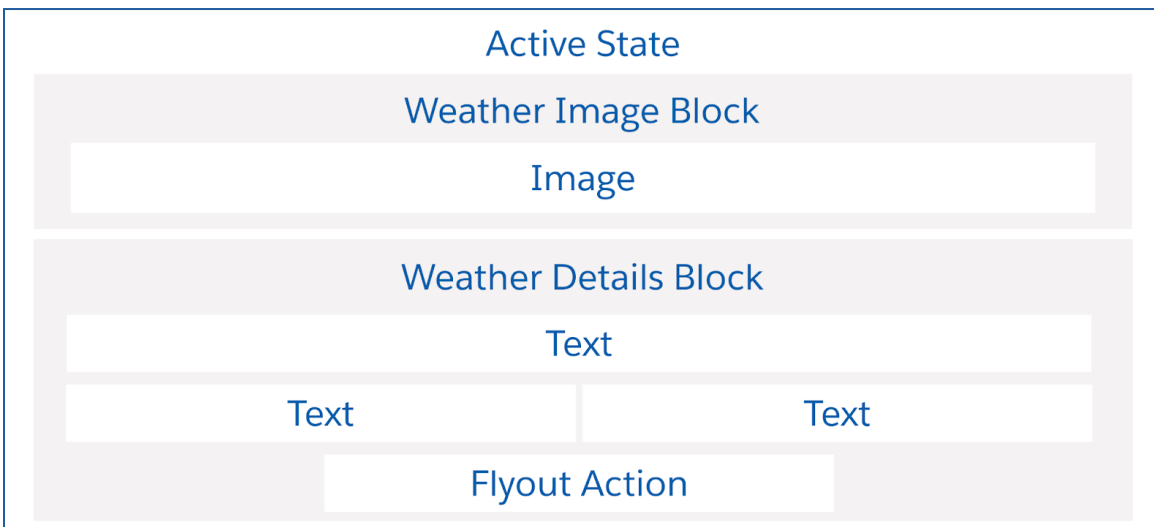
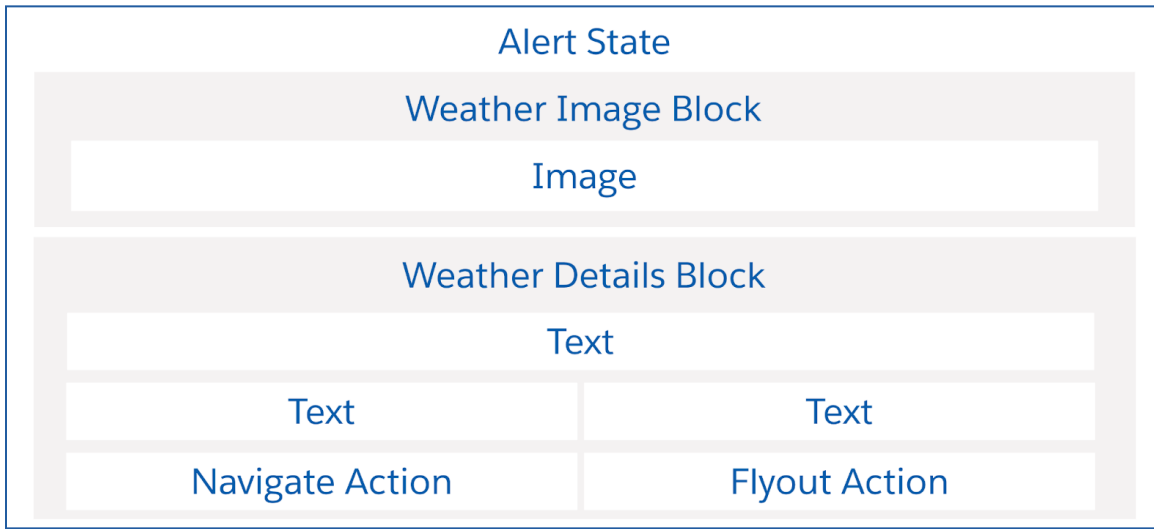
1. Create a New Weather Alert State
2. Configure the Alert State

Time

- 15 mins
-

What You Will Build

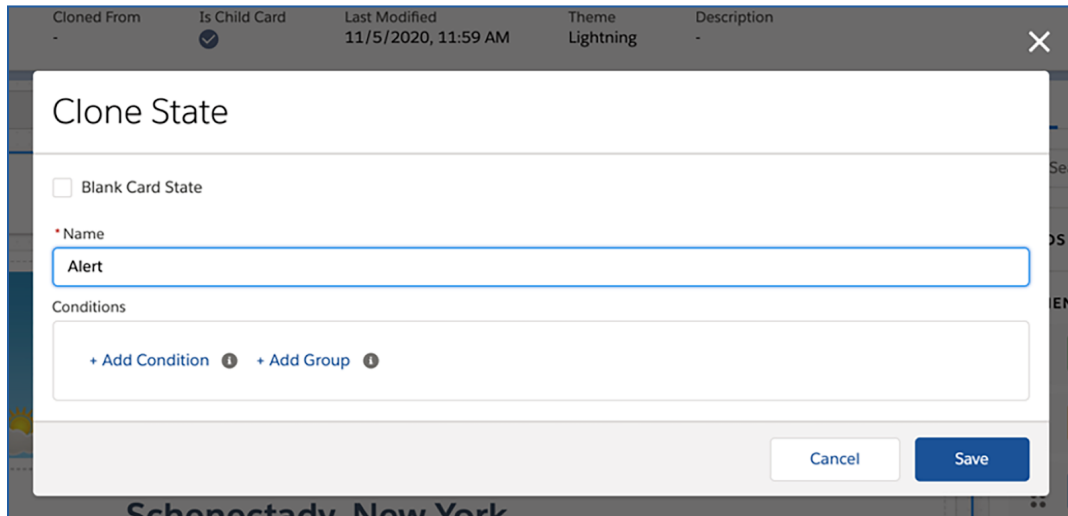




Task 1: Create a New Weather Alert State

1. Create a new version of the teamWeather FlexCard.
 - a. Open the **teamWeather (Version 1)** FlexCard from the **OmniStudio FlexCards** tab.
 - b. Click **New Version** in the header. Notice the **Current Version** increments to **2** in the header.

2. Create and configure a new state in the Weather card.
 - a. **Clone** the Active state.
 - b. A window appears. Name the new state `Alert`.



- c. Click **+ Add Condition** and configure it. Enter values in the fields as follows:

Property	Value
Data Field	Condition
Operator	=
Value	Heavy Snow

Clone State

Blank Card State

*Name


Conditions

Data Field ⁱ	Operator ⁱ	Value ⁱ	
<input type="text" value="Condition"/>	<input "="" type="text" value="="/>	<input type="text" value="Heavy Snow"/>	

[+ Add Condition](#) ⁱ [+ Add Group](#) ⁱ

- d. Click **Save**.
- e. The new Alert state appears below the Active state. Notice the header shows the condition that you configured.

Active 🗑️ ⌵



Schenectady, New York

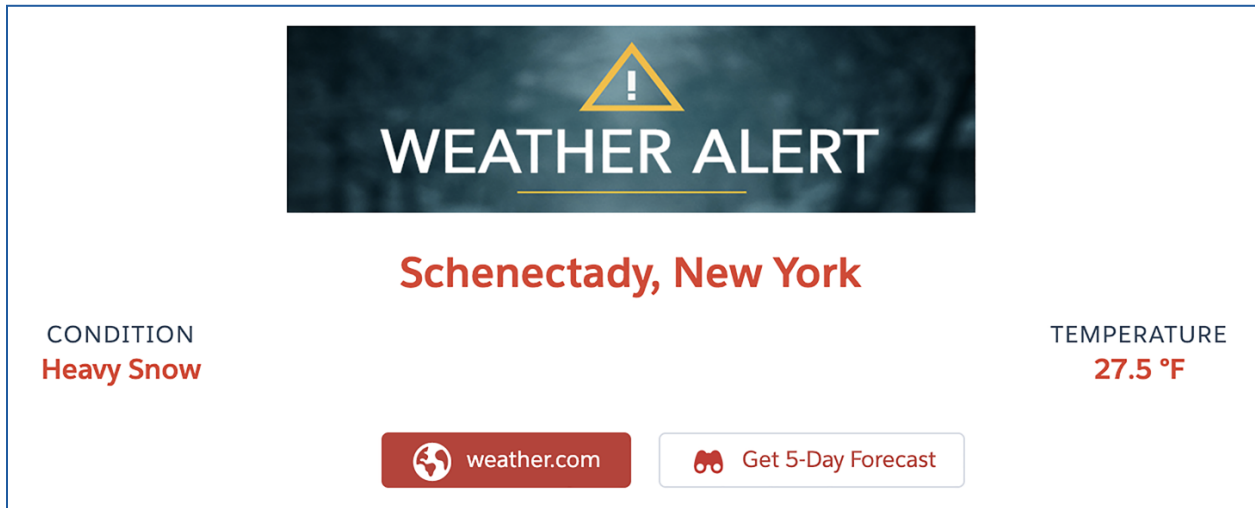
CONDITION Heavy Snow	TEMPERATURE 27.5 °F
-------------------------	------------------------

Get 5-Day Forecast

Alert (Condition == Heavy Snow) 🗑️ ⌵

Task 2: Configure the Alert State

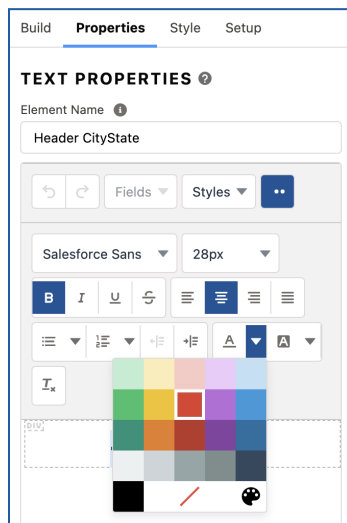
What You Will Build



1. Expand the **Alert** state.
2. Change the image to a weather alert image.
 - a. Select the image.
 - b. Click the magnifying glass next to the **Image Source** field.
 - c. Start typing `weather` and select **weatherbannerAlert (Version:1)**.
 - d. Click **Save**.



3. Configure the fields in the Weather Details block for the **Alert** state.
 - a. Select the **Header CityState** block.
 - b. Highlight the {CityState} merge field and set the font color to **Red** using the **More** menu.



- c. Change the **{Condition}** merge field to **Red** font color. Don't change the label's font color.
 - d. Change **{TempF} °F** (or **{TempC} °C**) merge field to **Red** font color. Don't change the label's font color.



4. Add an action that navigates users to an outside site.
 - a. Select the **Get 5-Day Forecast** action. Clone it.
 - b. Select the clone and rename it. Change the **Element Name** in the **Properties** panel to `Navigate Action`
 - c. Move it to above the Forecast action.
 - d. Fill the rest of the fields as follows:

Property	Value	Tips
Label	<code>weather.com</code>	
Icon	<code>action:web_link</code>	
Display As Button Under Display As Button	✓ Destructive	
Action Type	Navigate	
Target	Web Page	
URL	<code>https://weather.com</code>	To ensure accuracy for the URL, open the target in a new tab or window and

copy and paste from the address bar. (Be sure to replace the /apex/ preview text when you paste the URL in).

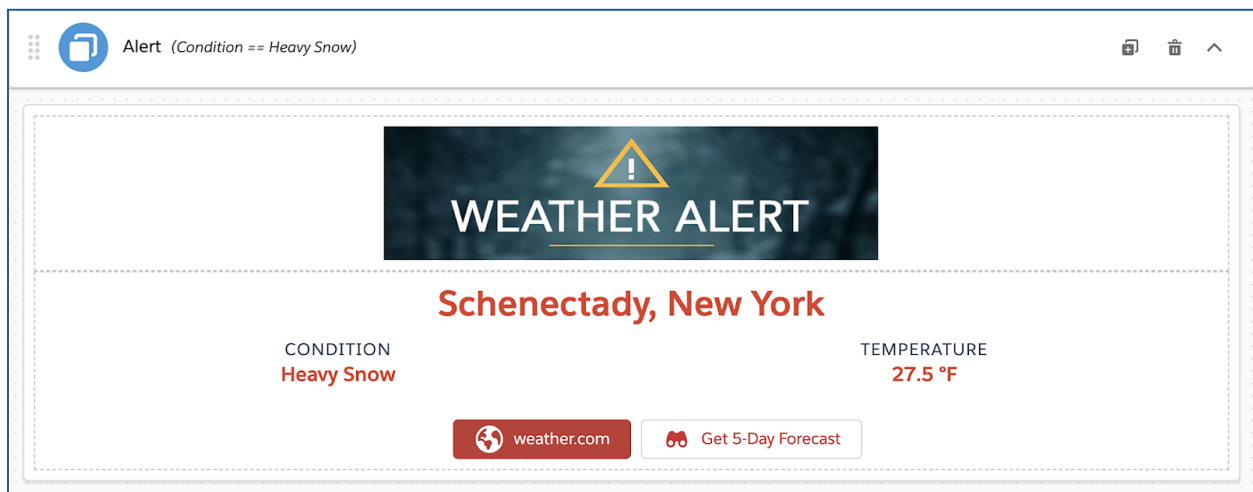
Open Target In

New Tab/Window



5. Style the navigate action.
 - a. Go to the **Style** panel.
 - b. Scroll to the **ACTION** section and locate the Color field for the **Label**. Change it from blue to white. Enter #FFFFFF in the field.
 - c. Locate the Color field for the **Icon** and change it to white. Enter #FFFFFF in the field.
 - d. Scroll to **DIMENSIONS**. Set the width to **6**.
 - e. Scroll to **ALIGNMENT**. Add an **x-Small Right** margin.
 - f. Set the Text Align to **Right**.
6. Style the Get 5-Day Forecast action button with the alert styling.
 - a. Select the **Get 5-Day Forecast** action button.
 - b. In the **Properties** panel under **Attributes** change the button styling to **Text Destructive**.

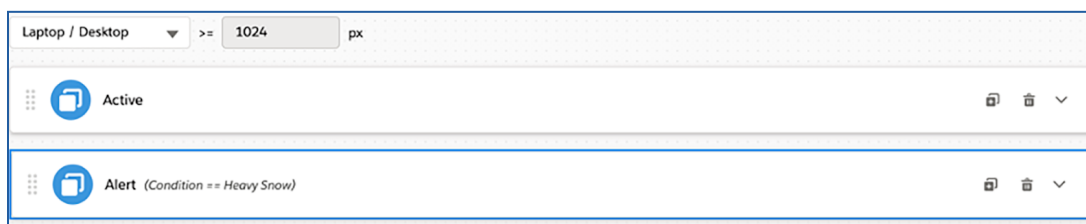
- c. Go to the **Style** panel.
- d. Scroll to the **ACTION** section and locate the Color field for the **Label**. Change it to #D02D2D.
- e. Locate the Color field for the **Icon** and change it to #D02D2D.
- f. Scroll to **DIMENSIONS**. Set the width to **5**.
- g. Scroll to **ALIGNMENT**. Add an **x-Small Left** margin.
- h. Set the Text Align to **Left**.




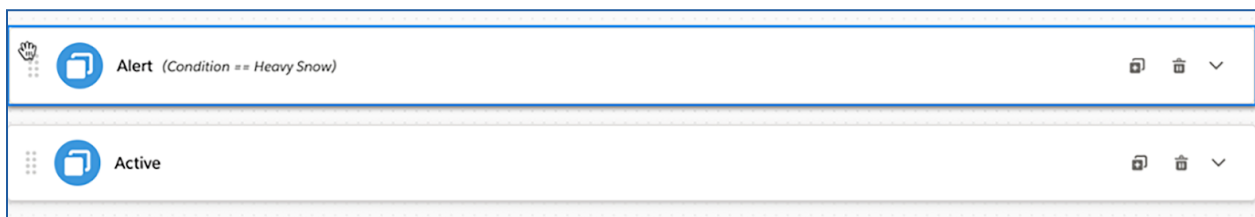
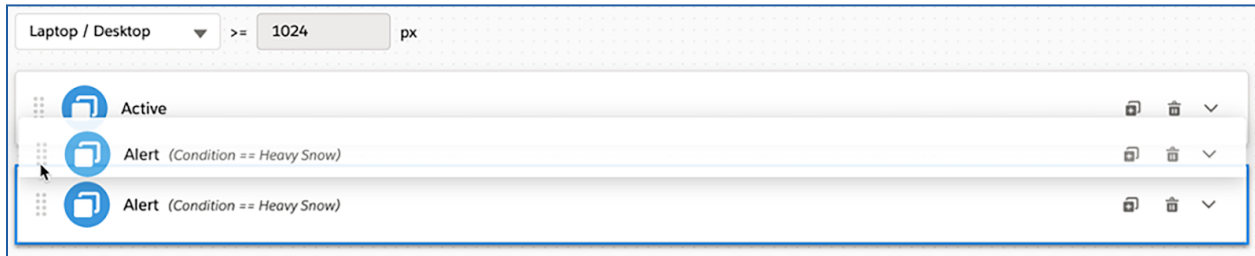
7. Align and preview the Alert State.

At runtime the first state from top to bottom that meets the condition will display. For this to work, the default condition must always be at the bottom of the Canvas. The Active state is the default condition, but is currently at the top of the Canvas.

- a. Collapse both states.



- b. Move the **Alert** state to above the **Active** state using the  icon to the far left of the **Alert** state.



BEST PRACTICE:

The FlexCard determines which state to display by going from top to bottom. The first state that has true conditions displays. It's best practice to always have a FlexCard state at the bottom that has no conditions (in the example above, this is the Active state). This becomes the default FlexCard state when none of the conditions are met.

- c. Click **Preview** to see the Alert state.

