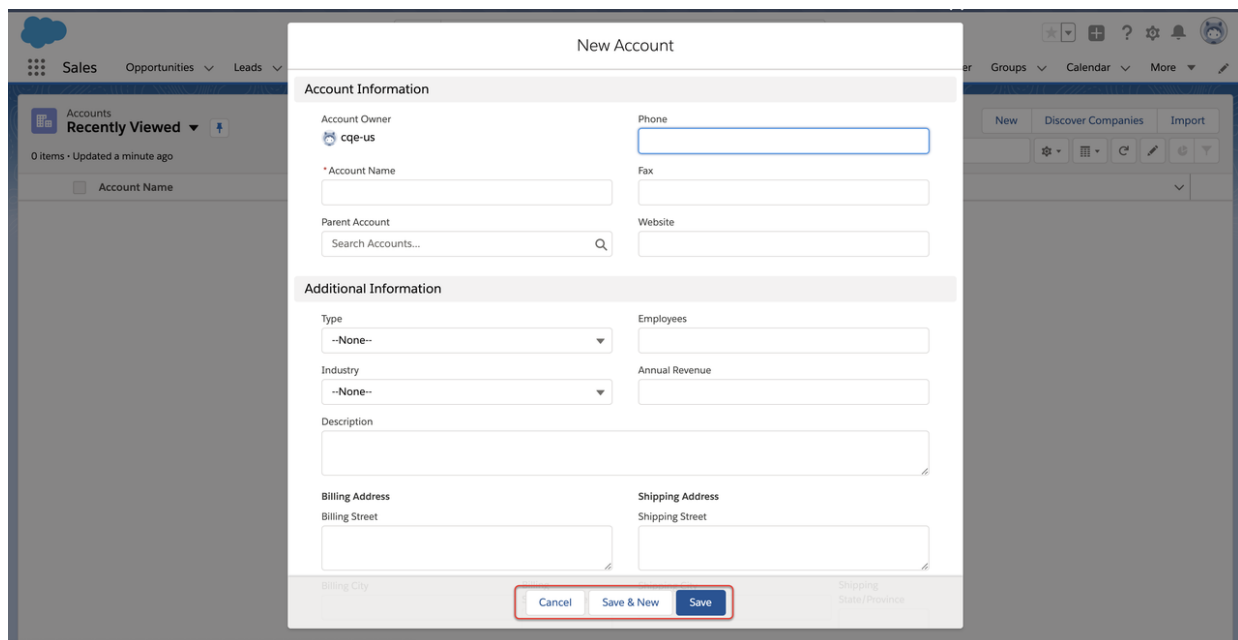# Spring '21 Locator changes for New, Edit and Clone Pop-ups

In Spring '21, the New, Edit and Clone pop-ups for Accounts, Opportunities, Contacts and Custom Objects use Lightning Web Components (LWC) instead of Aura Components. This implementation change may affect how you use tools such as Selenium WebDriver. Because the DOM has changed, automated UI tests covering these objects have the potential to fail.

We have compiled the issues that we have encountered and provided suggestions on how to fix broken locators.

Buttons on the New, Edit and Clone pop-ups

All buttons on the New, Edit and Clone pop-ups now use LWC. Tests may fail due to the locator changes.
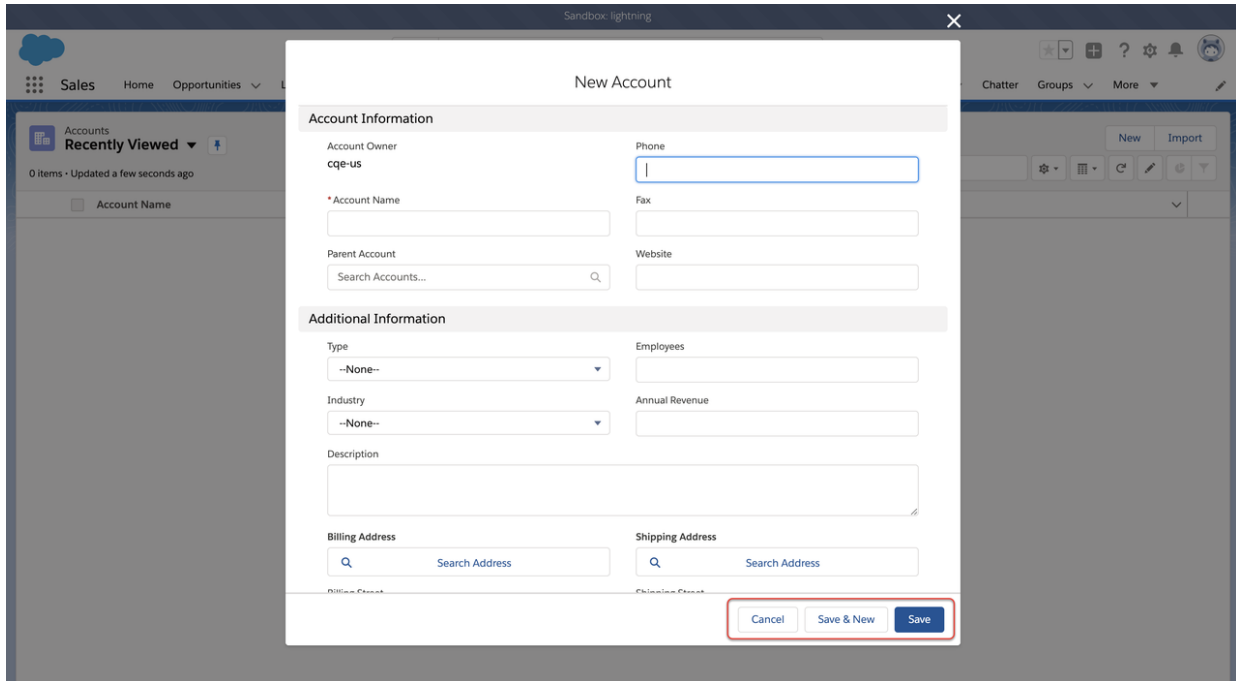

The following is an example of the **Save** button locator:
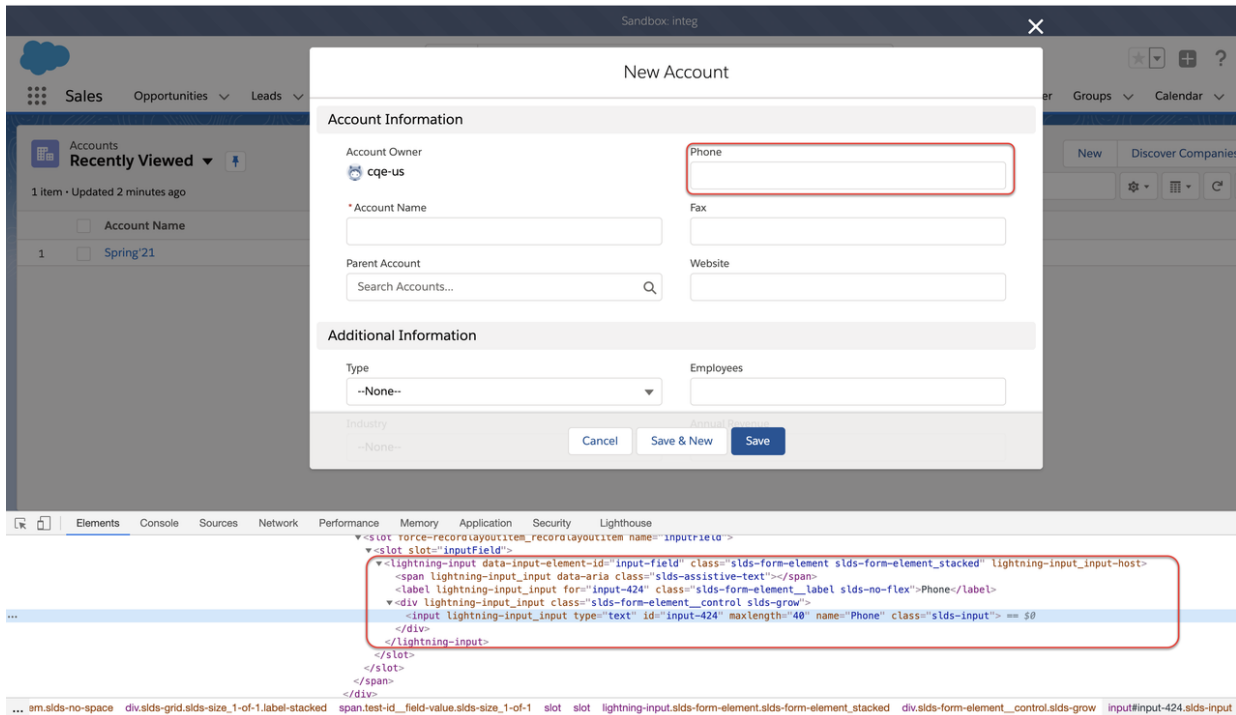
Old locator: `//button[@title='Save']`

New locator: `//button[@name='SaveEdit']`

Also, the buttons are now center-aligned. In Winter '21, these buttons were right-aligned as shown in the screenshot below.

Fields on the New, Edit and Clone pop-ups

All the fields on the pop-ups now use LWC. Refer to the post Stable Locators for Labeled Components for recommendations on creating locators for labelled components.

For most cases, the following example should address locator changes for picklists or dropdowns:

Open a picklist : `//input[@id=string(//label[text()='<label name>']/@for)]`

Select a value from a picklist:
`//input[@id=string(//label[text()='<label name>']/@for)]//ancestor::lightning-base-combobox//span[@title='<value to be selected from dropdown>']`

New button in Related tab for Custom Object

The New button in Related tab for Custom Object also now uses LWC.

Old locator:
`//div[@title='New']`

New locator:
`//lightning-button[descendant::button[@name='New']]`

Disclaimer

In this post we give you a heads-up of changes that have the potential to impact your automated UI tests. While we try to provide you with locators which are as robust to further changes as possible, we cannot guarantee that they will continue to work in the coming releases.