

# Salesforce Releases

We needed a Book, so here's a Boo.

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# Summer '22 Abridged

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The [Salesforce Discord Collective](#) Presents:

## THE SUMMER 22 RELEASE NOTES - ABRIDGED

We're proud to announce our rebranding to Einstein SFXD CRM Release Notes Capture Abridginator 3000.

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### CRITICAL STUFF

- User PII access [checkbox change](#), is [part](#) of [Enhanced Personal Information Management](#), important for GDPR-centric orgs.
- [Formulas get a SWEET update](#) with more functions and a max compile size of 15000 up from 5000. People using [twitter](#) have been hyped for a month
- Edge case, but still critical - if you have an old org, check if your [Email Address is Verified](#) or your email sending capabilities will be limited by Winter '23
- My dream from [summer '21](#) is getting realized with Flows [now being testable via Flows](#). This will probably become mandatory as Flow complexity continues to scale over the next five years.
- If you didn't enable it yet, [changes in CPU Time measuring for Flows](#) might lead to complex Flows failing. Check your org.

### GENERAL STUFF

- [MFA soon](#)™. Being lazy here because [no changes whatsoever](#). Is it 2023? Has Salesforce finished doing its updates on SSO MFA enforcement? No? [Cool](#). Also you can [bypass MFA now](#) [:shrug](#): Not even putting it in Critical anymore.
- Admins can now create [Custom Address Fields](#). AWESOME! ... but those waiting for it [since 2007](#) might have already retired. [/shrug](#). You might also want to check the Doges section of these ARN.
- When setting up Search, the [Search Manager](#) allows you to check which objects and fields are available to users.
- Restriction Rules [minor updates](#), become [more coherent with the Platform design](#) and [now support External Objects](#) but some of that wording [scares me](#) - "Admins are responsible for ensuring that rules they create on external objects don't negatively impact performance in Salesforce or in the external system." [say what?](#)

- Picklists get [awesomely better duplicate handling](#), [bulk edition OH YEAH](#), easier [inactive values purging](#). For those who don't know what the "Bound" and "Unbound" references are, this concept was first introduced in [Summer '21](#) and TL;DR too many inactive values bad.
- The phasing out of classic continues with [Related Lists](#) no longer needing the Classic Page Layout edition to be displayed in LEX if you use the new "Dynamic Related List - Single" component, but [curb your enthusiasm](#).
- Forecasts get [picklist](#), [currency](#), [number](#) filtering instead of just RecordType, and [Multicurrency parenthetical display support](#)
- EAC gets [Manual Record Linking Override](#)
- Sales cloud for Slack [gets released](#), [forgets link to actual content](#) but [not in another page in the same release note](#), [actually looks nice](#), is included starting with Enterprise, has [flow plugin](#)
- There's a lot of movement on a Service element I haven't really heard of before, [Messaging for In-App and Web](#). Nothing critical apart if you [use Whatsapp from Salesforce](#) but I'd keep an eye out in future releases. It seems it's a [persistency-focused LiveAgent with SMS handling](#). I'd keep a good watch on this if you're Chat or Messaging centric.
- There's a new [SKU](#) called [Subscription Management](#) that [despite its section in the Notes](#) isn't part of Revenue Cloud, but an add-on to Sales Cloud. Without too much surprise [it allows management of Subscriptions](#) as well as an [API](#) for it.

## REPORTING

- The [Multi-field inline edit](#) is now GA - re-highlighting this because it's awesome. In addition, Salesforce now tries to [help you define report types for Objects you select](#), has a [better Analytics homepage](#), and now has [MEDIAN\(\)](#). It's a good couple releases of [Reporting fans](#)
- Revenue Insights [can be used without Forecasts](#)

## FLOWS

- Formulas can now be used as [Flow Entry Conditions](#). Combined with the above Compile Size updates, that makes for LOVELY combinations.
- The way Flows evaluate Merge Fields stored in records [changes](#). If you were using this workaround for some merges, you'll need to rely on APEX instead, or do a GET in your Flow.

- Flow team [fixed their doge from spring22](#). I still disagree with the design concept but at least it's clean now. Flow Explorer also gets [QoL nice updates](#)
- Orchestrations [can now be Deployed](#) leading to you not having to just YOLO in prod, also get [nice QoL updates](#)
- Visual updates include [Section Headers in Screens](#), [Rick Astley icons](#) for your [Invocable Actions](#), [goto connectors](#) (someone REALLY likes BASIC principles)
- Omni-Channel Flow Routing [now supports checking availability](#)

## DEVELOPMENT

- APEX gets [user-mode](#) which is somewhat of an easier way to handle things that [stripinaccessible](#) started addressing - more info with this [deck by C. Peterson](#).
- Using third-party libs in LWC Light DOM is now [GA](#), hooray DOM manipulation!
- [Alert, Confirm, Prompt](#) native API deprecation lead to new LWC Modules to be used.
- External Services [can now be called from APEX](#), great to avoid duplicate functionality in programmatic and declarative.
- Synthetic Shadow [updates on assignedSlot and elementsFromPoint](#) might break implementations, need review, will be [expended to Mixed Shadow](#) in future release. Note differences between default [DOMs](#) in Lightning Out or LWC Open Source, versus Lightning Experience and Experience Cloud.
- Datatable [Virtual Rendering](#) loads [only rows you look at](#) so you can load huge datatables before MFA gets enforced in reasonable times.
- [Einstein OCR](#) allows you to get [Invoice Records from Images](#), up to [2000 free per month](#), after which you need to [buy more usage](#). Yes, that's content from three domains just to get you that information.
- [GraphQL](#) is now here, allowing your apps to decide which data they want to receive and how. [Blog Posts](#) exploring the concept.
- Events gets TONS of updates. [Pub/Sub](#) (gRPC) is here as well as a [Native Integration to Amazon EventBridge](#), making CometD somewhat [obsolete](#) and easing transition to events-based models. [CDC](#) and [PE](#) both get Filters, and PE get [Custom Channel](#) grouping.
- [Partitioned Domains](#) make knowing which org you are in easier, may require AllowList updates.
- [@AuraEnabled](#) is getting some [annotation upgrades](#), so this is an interesting move.... preemptive architectural support for platform features [beyond Digital Experiences?](#)
- Hahahaha, they finally fixed [overloading @AuraEnabled](#).
- Uhhhh, Functions have their own [release notes](#)...

- Lots of new [LDS adapters](#), they're investing heavily in....integrating with analyticsWaveApi \*cough\* CRM Analytics \*cough\*.
- Be aware LWC's [refreshApex](#) is "deprecated for non-apex usage" (not sure what this means) on May 1 2023. Not sure what "support for ... of the function ends"... means yet. Guess we'll see next year!

## **B2B2C2BCOMMERCECRAZE**

- Salesforce just [casually made most of your demo setup redundant](#)
- B2BCB2BCB Commerce, or whatever it's called now, [supports promotions](#)
- [Custom Payment component](#) now exists... ? wasn't that the case before ? Also better [tax handling](#) for non-US countries

## **WAVE EINSTEIN ANA... TableauCRM CRM ANALYTICS**

- [Cross. Joins.](#)
- Ability to [delete connection between Nodes](#) in Recipes. Maybe the Flow team will steal this idea?!
- A bunch of updates to the [search capabilities](#) in [Recipes](#), should make navigating large Recipes much easier.
- Always happy to see [Faceting](#) getting some love. Can now Facet SOQL queries on the same Objects without modifying JSON.
- Added [NULL handling](#) in SAQL making your queries more accurate.

## **CPQ**

- [bis repetita](#) - oh wait no it's under [Revenue Cloud](#) now ? I give up.

## **DOGELAND**

- [:doge:](#) So those Custom Address Fields... Don't support text input in State/Country, can't be used for `DISTANCE()`, don't work in Flows (as a Compound field, the individual constituent fields do) or BULK API, and you can't localize the labels of Street/City etc. I'm sure it'll be great some day, but as of right now it's a bit eh. Wait for update before widespread use.
- [:doge:](#) You can [Grant access to your data](#) for Einstein stuff, but what they give you in return isn't documented at all, nor is the potential impact to GDPR. Why would you turn it on? What will you get out of it, outside of potential lawsuits? Who knows ! Maybe they'll publish a release note about it one day.

- :doge: [Salesforce Scheduler](#) keeps making it hard to know it's a paid add-on, despite good feature releases. Data Pipelines is also in Salesforce Overall but [AT LEAST THEY SAY IT'S PAID](#) seriously. And why is a [Sales Cloud SKU](#) part of Revenue?
  - :doge: Netflix's adding ads, and Salesforce's pushing [Performance as the new Enterprise](#) with lotsa added features for Performance and Unlimited, which is great, but let's name the SKU used to add those features "Sales Cloud Included", because fuck transparency, aye?
  - :doge: Why the hell would you ever bundle [Mulesoft](#) or [Omnistudio](#) releases with Flow release ?
  - :doge: [Refld to summer 23 lmao](#)
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This abridged version was graciously written up by the **SF Discord**

We have a nice wiki: <https://wiki.sfxd.org/>

And a linkedin page: <https://www.linkedin.com/company/sfxd/>

And a mostly-automated Twitter bot [@SFXD\\_BOT](#)

Join the ~10500 members in the most active chat-based community around Salesforce these parts of the web at <http://join.sfxd.org/>

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# Spring '22 Abridged

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The [Salesforce Discord Collective](#) Presents:

## THE SPRING 22 RELEASE NOTES - ABRIDGED

Written by people who think having a proper RSS feed on official release documentation shouldn't be this hard. (@SFXD\_BOT)

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### CRITICAL STUFF

- [Mandatory MFA is still coming](#) and now has a [Question-based](#) readiness check. The last two releases we highlighted that it wasn't exactly the best thought-out rollout. Salesforce seems to agree as they are "enforcing" the "mandatory" part this month *legally*, but aren't actually activating it forcefully until EoY, and it'll be deactivatable until... [2023](#). They're [releasing ways to not use TOTP](#) already anyway. Maybe that team and the Case Threading one can go have coffee and publish notes on how to do better rollouts. That would be an interesting feedback loop.
- Minor critical Flow update: if you use Two-Column Layouts, [migrate to Sections ASAP](#)

### GENERAL STUFF

- Admins [get notified](#) if a page takes more than [4 seconds to load](#) on average. Great, but the fact that this is a common enough occurrence tells you how well things go [when you give non-specialists access to custom page builders with no load checking](#).
- Pardot gets [scripts in landing pages](#) and [redirects for unpublished Pages](#) which should make quite a few marketers happy.
- Salesforce Voice becomes the first CTI to factor in [Agent Omnichannel Work Capacity](#) when routing, allows [easier Supervisor Call Monitoring](#), better [status handling](#) between SF and Amazon, and a better [transfer UI](#). Probably the most loved feature this release outside of Flows, with [stellar feature releases](#).
- [Omni-channel Flows](#) are GA and [powerful](#). Probably makes skill based routing [kinda redundant long term](#).
- Lightning Sync be [dead](#), you can [turn it off](#)

### REPORTING

- Reports get some very nicely thought Quality of Life updates, with [better Report Type selection](#), and [multi-line data editing in reports](#)
- Dashboards get [Dynamic Gauge Charts](#) to the great joy of managers who [can check Targets easily now](#)

## FLOWS

- [External Services now support OpenAPI 3.0](#) and [unsupported Data Types mapping](#)- meaning you can now (try) to integrate directly with most things that are documented in [Swagger](#). Cool, seeing as [Guest Users](#) can use those now.
- You can open [Subflows](#) from Main Flows, which makes that function much better (but still missing an easy way of viewing all the ways a Subflow is called to make it really useful)
- Collections can now be used as a [choice option](#) and can also be [filtered](#), which isn't exactly a map (I still want maps plz) but is still a VERY powerful improvement. [Nice](#).
- [Flow Trigger Explorer](#), a better view of Record-Triggered Flows that Admins will love, as well as [this](#) minor update that allows viewing Flow information in browser tab names, and the ability to [shortcut](#) Flow elements. [Screen Readers](#) are also supported now
- [Orchestrator](#) allow [distribution of labor](#) via queue assignation, and become even more [code-like](#) with custom Evaluation methods Flows that you can [invoke](#) call from Orchestrator and [Debugging](#), [Deployment](#). For Admins, you can now view [Orchestrations](#) and [Work Items](#) to ensure things are running smoothly (or cancel them if they don't).
- The [bell tolls](#) for [Workflows](#) which can now be converted to Flows (beta).
- You can define [Orders of execution for Flows](#). I am visibly alone in hating this change, but I still say that relying on specific orders of execution for Admin-built automation is a highway to useless complexity. If you're at the point where you need actions to be sequential, they should be refactored into their own logic which forces the order. Fight me.
- Speaking of Order of Execution, Flow API v54 changes the After-Save order, specifically related to [Entitlements](#)

## DEVELOPMENT

- Packagers get a GREAT [Documentation Upgrade](#), much easier to [navigate and review](#)
- [Write More Robust UI Tests with UTAM](#)
- LWR comes to [Node.JS](#). Get your LWCs on local webservers!
- [Light DOM](#) now available for better script injection, also applies to [Experiences](#)
- [LWCSecurity](#) kills Locker, is [future](#), has new [tools](#) to ease seeing security settings
- Full-fledged [Interface Support](#) means more manageable code for enterprise-class projects

## EXPERIENCES

- Guest User [Permissions Crackdown](#) continues.
- You still can't delete Experiences but you can [archive them](#) so they don't count against your Experiences limit.
- You can access [labels](#) more easily from Experiences. This release note also wins the "moar JPG for ants" award for its screenshot.
- Role-based licenses get Optimization [enabled by default](#) which is meant to [reduce the amount of Roles created in single-contact Accounts with Roles](#).
- LWR Experiences can now be [translated](#), allow searching [within Components](#), get a [Marketing Cloud connected data collection form](#)

## CPQ

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## DOGELAND

- [:doge:](#) Salesforce keeps pushing Scheduler as part of "Overall Features", also [Paid Einstein Stuff](#), hell why not add [Paid Data Pipelines](#). Literally just advertising in Release Notes. It's still disgraceful.
- [:doge:](#) Salesforce [continues rebranding features no one cares about](#) and makes it easier to buy licenses at market price [lol](#) to maybe stop hiring [AEs](#)
- [:doge:](#) "We didn't publish anything but here's [something our marketing team drafted back in December](#) so we don't lose our precious Release Notes spot".
- [:doge:](#) "We fused the help sections of two slightly different things and made knowing [which license you need harder](#)"
- [:doge:](#) Scoping Rules are so confusing that [even the team can't explain it well](#) "yeah it doesn't restrict access, it just hides records, but I mean by default only, you know?"
- [:doge:](#) A few people used FSL a bit too well and will now have to [pay for the same function](#)
- [:doge:](#) If you don't want your user to see ads helpful suggestions you might want to deactivate [in-app guidance](#) which just gets auto-enabled

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# Winter '22 Abridged

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The [Salesforce Discord Collective](#) Presents:

## THE WINTER 22 RELEASE NOTES - ABRIDGED

When you gaze into the Release Notes, the Release Notes gaze into you

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### CRITICAL STUFF

- [Mandatory MFA is still coming](#). Last release we highlighted that it wasn't exactly the best thought-out rollout. [Things are getting better documented now](#), [more Identity Verifications](#) will be available, and there's a [full-featured multi-lingual rollout pack](#) you can download to ease [change management](#). There's still concerns for now if you're a Managed Services shop though.
- Developers consume [even more coffee](#) than usual because of [Updated Locale Formats](#) and [more timezones](#) resulting in old (but bad) code potentially breaking (if it was bad) and more locales to support (which is never fun). The DeveloperName field also [now requires either View Setup, or View DeveloperName permissions](#) to be viewable. I expect this'll have nice, fun impact on developments around the world, resulting in soaring prices for [Coffee stock](#) #superstonk
- External Users [will see even less stuff about other users](#). This will become mandatory in a year, so start using this ASAP to mitigate impact.
- Product2 [now subject to Sharing Settings](#) and [Sharing Rules](#) (Release Updates), defaults to Private for External Users. Impact for Subscription, Ordering, and Renewal-based Experiences to be expected. Test in Sandbox.

### GENERAL STUFF

- [Scoping Rules](#), which filter down search results, make a great complement to [Restriction Rules](#), which filter down record access. This continues the trend of closing down permissions instead of opening them up. Cool, but also great for [spaghetti](#).
- [Einstein Search allows Profile-level Object targeting](#) so Finance users search invoices by default and Sales search Opps.
- [In-App Guidance now has Targeted Prompts](#) - as a quick reminder you get [three Walkthroughs for free](#) and there's a nice [FAQ](#). IAG also gets a few updates like [RT-specific](#)

## prompts and Prompts in Setup

- Dashboards can have [Dynamic Gauges](#) meaning the Max is based on a field, meaning this is awesome.
- Einstein Activity Capture [can now create Events as Activities](#) for your reporting joy but watch out for Storage limits. Also tries to avoid you sharing sensitive info, whether [external](#) or [internal](#)
- My Domain [is mandatory](#) and [has more features that also restrict non-domain logins](#) or [speed up resolution](#) so TL;DR you gotta activate that.
- Omnichannel can now [open related records](#) as well as the main work item for more context, and gets Planning by [Shifts](#)
- [Inline Editing on Reports](#) gets easier and on more data types.
- You can [route Service Cloud Voice Calls with Omnichannel Flows](#). How cool this is cannot be overstated - previously you had to have Omnichannel on one side, your CTI on the other, and pray they play nice (this feature is part of the [Omnichannel Flows routing](#) thing from last release that I loved already). Voice also has [client-side call recording approval](#) and becomes [Desk Phone Compatible](#).
- Tasks get [PK Chunking for TaskRelation](#), a new `CompletedDateTime` and a new [Sorting order](#)

## FLOWS

- [Orchestrator is out of Beta](#). [UnofficialSF](#) has some nice documentation about it, including a [tutorial series](#). TL;DR [Orchestrator](#) flows are Flows that create Stages for you and handle their update and completion status, allowing you to call a Core Action (incl. Flows, Global Actions, etc) on any step, and handle automation based on step completion. It's like an overcharged Approval Process. They can be embedded in pages or triggered via record updates. [They're great](#).
- Record-Triggered Flows get a lot of love with [a new Trigger UI](#), [Scheduled Path updates](#) and [Subflows](#) (SUBFLOWS EVERYWHERE!!!) — Complex logic in Record Triggered Automation here we come!
- External Services get [Native Mulesoft Action Support](#) and [Different API limits](#) which are actually worse if you have more than 25 external services registered, but [better](#) otherwise. They can [also be called from Record Triggered Flows via an Async path](#), so your admins can now ~~mess with your non-Salesforce systems as well when they do a data load~~ [be more productive](#)
- [Debugging keeps getting better!](#) [Event Monitoring clients get a bonus](#)
- QoL: [Auto-Layout is less punishing](#). Also [You can rename the standard buttons](#) which is great for UX. [Choices get some love](#)

- My personal QoL favourite: the [Roll Back Element](#) removes previous DMLs on fault, which means [I don't need to create all those Delete elements manually](#).
- Run Flows for Experience Users [is being retired](#). You'll get more [accurate permissions soon](#)™

As a quick reminder, you now have:

- Orchestrator, which is a meta-flow management Engine
- Screen Flows, which display & collect information and take actions based on user Interaction
- Record-Triggered Flows, which take action based on record information on DML operations, whether BEFORE or AFTER saved
- Scheduled Flows, which schedule a Flow Interview for later, run as batch on a subset of records defined in the Schedule, and group records with similar operations together even if they are in different Interviews
- Scheduled Paths, which trigger from a Record Triggered Flow, and schedule a Flow Interview for later, and group records with similar operations together even if they are in different Interviews
- Async Paths from Flows, which allows you to call External Services, and are processed in their own batch

There's quite a few help articles about this, but you might want to train your Admins into all these ~~delta~~ variants as otherwise the terminology might get confusing.

## DEVELOPMENT

- Salesforce Functions, aka evergreen, aka lambdas for Salesforce, [can now be Mocked in APEX](#)
- [Lightning Web Security \(beta\)](#) replaces Lightning Locker for LWC, allows cross-namespace component use, is [SES](#) compatible. Also allows you to use LWS for your LWC on your LWR sites. At some point we'll do the entire LWAlphabet, but I guess Google would copyright that.
- [Dynamic Interactions](#) allow Devs to expose events in their components, which will then be used by Admins via the App Builder to make the components react to actions taken on a Lightning Page or a List
- [Performance](#) of both Pages and LWC is now [easily measurable](#)
- If you do more than 2500 actions in a boxcar request you'll [now get an error](#), instead of horrible slowness. [TI;DR Salesforce forcing you to write less shitty code](#).
- [Secure Static Resources for Lightning Components](#) release update is delayed indefinitely with the best message to that effect ever: "The release update won't be enforced in its present form. [Don't enable it](#)."

- Packaging now allows [removing Metadata elements from 2GP](#), and [converting 1GP to 2GP is coming](#). A CI/CD wind blows over all new projects. Also, [Appexchange Packages no longer eat up your CDC limits](#), and you can [Package Flows that can be overridden](#)
- You can do [Data Binding for CMS content](#) in LWC for Experiences

## EXPERIENCES

- [Microsites](#) are a new [CMS-centric landing-page template](#) . I would wait until [Site Archival](#) comes out of Pilot to use it extensively though.
- [Audiences in your Audience](#) so you can audience your audience. [Yes I do this joke a lot](#). I still like it.
- [LWR is the future](#), but [Aura sites are here to stay for a while](#). Advise looking into LWR as you can - it will become bigger as time goes on.
- Salesforce now serves Experiences [via its CDN](#), but as a tradeoff you now need [Domain-specific Certs](#). Custom Domains are also routed via [Edge Network \(this\)](#). TL;DR faster loading and resolving times.
- [Experience Buttons and Forms](#) can now be branded declaratively with no CSS overrides. :)

## INDUSTRY PACKAGES

- [FSL](#) gets QoL updates with [templated shifts](#), [timezone conversions](#), better [date navigation](#) and [recurrence planning](#). Also allows customers to [Self-Serve](#) appointment scheduling via Flows -[tutorial here](#)
- There's a new [CSG Customer 360 guide](#). I almost put this in dogeland because of the formatting, but if you go to the actually [Guides Homepage](#) and then check the different guides available it's still a GREAT resource. So... 2/10 on the release note, 7/10 on the actual Guides concept. Let's see what they do next.

## DOGELAND

- [:doge:](#) I still say putting [Salesforce Scheduler](#) in the "Overall" section is false advertising just throw it in its own section or do an entire section "Salesforce Add-ons" it shouldn't be that hard to know if something's free or not chrissakes
- [:doge:](#) A cute one for once but the Bots team tried to pull a sneaky one and dusted off some notes from last release and [shipped those again lol](#)
- [:doge:](#) I love [Orchestrator](#) but if you're selling me business insights and [they're not viewable by my C-levels on a dashboard](#) they ain't v useful
- [:doge:](#) 'Pipeline Inspection lets you create custom filters, watch important opportunities, and see which deals are less likely to close in the current month.' which are awesome

features *if you have Performance or Unlimited licenses*. Seriously. Every release it's the same thing. Performance & Unlimited are FAR from the most popular editions, why are you shoving release notes for a product that requires a license with DOUBLE THE DARN COST at the top of your "Sales" section ???

- [:doge:](#) Service gets a new activatable module "[Incident Management](#) which contains [new standard objects](#) and *I think* a Slack integration ? For a Release Note announcing a product this is woefully underdescriptive.
- [:doge:](#) [I won't even comment anymore lol](#)

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And a linkedin page: <https://www.linkedin.com/company/sfxd/>

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# Summer '21 Abridged

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The [Salesforce Discord Collective](#) Presents:

## THE SUMMER 21 RELEASE NOTES - ABRIDGED

:doge: to the moon

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### CRITICAL STUFF

- [Multi Failure Authentication](#) will be mandatory by Feb. 1, 2022. Yes, this [can impact some API Users](#), and yes, criteria for MFA will probably change. Yes, MFA is a great theory but this application isn't great. Yup, They've learned nothing from the [emailRefId debacle](#).
- Omnichannel can [Use Flows to route Cases](#). Yes it's as [insanely good as it sounds](#) and later (tm) you'll be able to [route calls](#) with it too.
- Also, see "Sharing" down below.

### GENERAL STUFF

Includes Sales & Service stuff because those sections were too short to stand alone.

- [EVEN MOAR FIELDS EVERYWHERE](#)
- [Recently Viewed Lists Now Support Actions](#) much to everyone's celebration. I was going to put confetti on this page and then remembered I'm not running Lightning here. Yet.
- [Einstein Search](#) is now GA, is still free, is [available in Essentials](#), and works with [Knowledge Articles](#). *NICE*.
- In-App Guidance now includes [three free walkthroughs](#). The [function](#) hasn't changed much but the fact you can [actually use it](#) is GREAT. [Just don't have more than three walkthroughs](#).
- Quick Actions can now [invoke LWC](#) either via `ScreenAction` (no more Aura wrapper) or `Action` (literally LWC as QuickAction !)
- You can now create [Reports on Emails](#) to see [how useless they are it's 2021 people barely read non-operational emails anymore](#) your awesome email campaign statistics
- [Picklist Behavior Changes](#) which have more impact as org size goes up. Check if there's any problem with your processes

- Your Bookkeeping will thank you: keep better track of undue license expenses thanks to [License Metrics](#). You AE can help you buy more if you don't have enough saved up. Or even if you do `\\_ ( )\_/`
- Bots continue to [assimilate language](#) , [easier multilanguage support](#), and can [answer with Articles from KAV](#). ALL YOUR OPPS ARE BELONG TO US.
- Forecasts now [support custom fields and measures](#), and coupled with [Pipeline Inspection](#) Sales can now have [a huge benefit from Forecasts](#).
- QoL updates: you can [edit reports inline](#), LWC changes now show up in [setup audit trail](#) and Mass List Actions now [work in Split View](#), also [Inbox can now use a service account for Exchange](#) so all your users don't need to do the setup themselves, and [internal email opens don't get tracked anymore](#)
- Salesforce is bringing its [least-used features](#) to LEX so it can finally [kill off classic](#) in a few years
- If you were an existing Amazon Connect client, you can now [use Service Cloud Voice](#) with your existing account
- [Teams integration now GA](#). Expect a super urgent project to integrate it and never be used.
- 2009 just called and LinkedIn Sales Navigator now has a [NATIVE INTEGRATION](#) woooooo LinkedIn ain't preventing integrations anymore congrats LinkedIn I guess for being a mediocrely passable thing to integrate with yay
- Salesforce has done a [few updates](#) for [accessibility](#) and [ux](#) 😊

## SHARING

Yup, sharing gets its own section this time, even if it's short. One, there's some nice updates to QoL. Two, the way sharing has evolved in the past 2 years means that it's time to focus on it. So, yeah, sharing section.

- [See Record Access Reasons in the UI](#). You don't have to query the `Share` tables anymore! SO. MANY. EASY. FIXES. Probably the biggest QoL of the release.
- [Restriction Rules](#) (Beta) join [Permission Set Groups](#) in various ways to restrict permissions in Salesforce. Muting perm sets for Metadata - Restriction Rules for Data.
- [Permission Set](#) and Permission Set Group Assignments [can now have an expiration date](#), meaning you can grant temporary rights to users.

Yes, this looks awesome. It does, however, pose a problem as it adds yet another layer of complexity in permission handling. Remember [this](#) ? That was already hard for most administrators. Now you add Perm Set groups, Muting Perm Sets, Restriction Rules. Thankfully they added the UI level Share parsing.

What you probably want to do right now if you're an existing organization where Sharing and Permissions are important is to start Designing [Personas](#) of your users, and seeing if leveraging these new features can improve maintenance. If you're a new admin, a new consultant, or on a greenfield project, double the time you allocated to permissions definition and actually ask yourself how you would design this now. It'll matter for the long run.

## FLAWS

- [External Services](#) are now INSANELY GOOD. First, you can [consume](#) ANY Swagger (or OpenAPI 2) API. Second, You can consume [BIG APIs now](#). And third, you can [TEST APEX HTTP MOCKS](#) with them. IMAGINE IF THEY LET ADMINS WRITE FLOWS TO TEST APEX !!!! You could actually have real [business user stories](#), editable by Admins, that test your developer's code. LIT.
- Record-Triggered Flows get a lot of <3, with [ISCHANGED](#), [ISNEW](#), and [PRIORVALUE](#) being available and [DEBUGGING](#) being available as well <3
- [Default Values for any Picklist in your Screens](#)
- Debugging keeps getting better with [autolayout debugging](#), [failed flow list view](#) and [more clarity on DML Transactions](#)
- You can add [fields from Objects](#) to screens without creating the variable, getting the record, and then displaying it manually. It's a very nice shortcut.
- Collections can be [sorted](#) but we still don't have Maps which is the only thing I really want with collections [plz gimme a map](#) to Maps in Flows ='(
- A nice QoL adjustment: Required Picklists are now [less hell to do](#)
- Let's add [UPDATE elements](#) in your before flows.... even though they'll be dropped on compile... for coherence reasons I guess. [Not a fan but eh why not](#).

## DEVELOPMENT

- [Apex Unit Testing With Flow And External Services](#), see second bullet point of "Flows" section.
- [force:createRecord now allows Dependent Picklist Default Values](#)
- [SLDS](#) now allows you to create [custom styling hooks](#) and confirms, again, that [HTML, CSS and DOM changes may break automated testings](#)
- [Salesforce Functions](#) is now publicly open as Beta. You might remember them as [Evergreen](#). Would I use this in prod, or even sandbox, yet ? Nah. Would I research it for fun ? HELL YASS. Yes, this is a copy from the last RN but it's GA now.
- Service cloud Voice toolkit is now [available in LWC and packageable](#)

- Events now [publish their UUIDs](#) so you can identify them faster better harder stronger ( and establish async origin/lineage )
- You can now deploy a [Component and a Label leveraged by it](#) without doing pushing them individually
- [Privileged Scripts](#) can bypass the Shadow DOM. [Great for Google, Facebook, and other such trackers...](#) Yay ?
- You can use [-dxc styling hooks](#) in your LWC to allow Admins to personalize them via the Experience Builder.

## PARDOT

- Pardot [now has great API docs](#) made by a team that obviously cares. Thanks people.
- [Object Sync](#) is now GA and allows you to sync visitor data to make it available for Tableau
- Einstein now allows you to [Send Emails at the best time per prospect](#) and [qualify your accounts](#)

## DOGELAND

- [:doge:](#) I'd like to thank Salesforce for putting a paid add-on directly on the [FIRST PAGE OF THEIR RELEASE NOTES SECTION IN "GENERAL ENHANCEMENTS"](#) seriously can you stop this please.
- [:doge:](#) Salesforce REALLY wants you to like the new Release Notes website. [Can't filter by Paid or not though](#)
- [:doge:](#) Use [External Data for Maps!](#) This change applies to Lightning Experience and Salesforce Classic for Professional, Enterprise, Performance, Unlimited, and Developer editions. \*(if you pay the \$4000/month/connection that Salesforce Connect costs)
- [:doge:](#) Salesforce Anywhere [Is Dead](#), long live [Quip](#) Salesforce Anywhere
- [:doge:](#) [Vlocity](#) Salesforce Industries present [Data Engine](#), [Decision Table](#), and [Batch Management](#), available in Enterprise, Professional, and Unlimited editions, or Enterprise, Performance, and Unlimited editions, and only if you have Financial Services Cloud, Rebate Management, or Loyalty Management... or Rebate Management or Loyalty Management. Nah that's not confusing we swear.

## OTHER

- Experiences become a potential replacement to your website with [redirects from non-Salesforce links back to your Experience](#) and quite a few [SEO enhancements](#). Pair this with their new [Guided Community Creation for Support](#) and you can have yourself a quick and easy support website.

- [HSTS](#) can now be turned on for your Domains, which is great for industries that require a lot of security.
  - FSL gets the concept of [Briefcases](#) back, with a new builder. It's great, looks neat, and also make me [nostalgic](#). Too bad it's FSL only.
  - [Conversation Insights](#) (stuff to make your calls more efficient and logging them as well) is now available as a standalone product outside of HVS and looks cool.
- 

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And a linkedin page: <https://www.linkedin.com/company/sfxd/>

Join the ~5600 members in the most active chat-based community around Salesforce these parts of the web at <http://join.sfxd.org/>

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# Spring '21 Abridged

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The [Salesforce Discord Collective](#) Presents:

## THE SPRING 21 RELEASE NOTES - ABRIDGED

As Exciting as the new Samsung WF50R8500A release

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### CRITICAL STUFF

- [CRUD permissions fully removed from Guest User](#). Last release, they only set it to `FALSE`. Yes, it's always been good practice to not have Unauthenticated Users view and delete your data on a public endpoint. Yes, we already called it last release. Yes, some of y'all decided "eh i'll just turn it back on". Well now you can't. FIX. DEM. PERMS.

### GENERAL STUFF

- [Official Release Notes move to a slightly better looking but slower website](#). Doesn't change the hidden advertisement for paid features though.
- [Dynamic Forms check Dupes before save](#) you time. I wanted to reuse the word "save" to [make the sentence shorter](#), realized it wasn't intelligible, and committed anyway.
- In-App Guidance gets [snooze](#) capabilities, and [you can now share them manually to someone](#). [Trailhead](#) also now is present in Salesforce, to ease User Onboarding. All of these *should* be free of myTrailhead licensing.

### SALESFORCE CORE

- [Recently Viewed](#) now supports Actions, making the view ~~less-useless~~ ~~great again~~ ~~ffs I give up on the joke~~ here useful.
- [Opportunity Products can now be the Parent of a Relationship](#) This was listed for Winter21, [pulled](#) (with actually great communication as highlighted in the thread), and is now available. Yay :)
- Lightning Email Templates are now [set to replace ye olden classic](#) ones. [Considerations to be read](#)
- Dashboards [now expose filters as URL parameters](#) so you can actually do "dynamic"-ish dashboard filters.

- [Dynamic Actions now available on mobile](#). To avoid further confusion with Dynamic Dashboards, we'd like to offer to [Rebrand](#) it to Lightning Actions, can't go wrong with that, [guaranteed no confusion](#). Yessir.
- [New Limit](#) on inactive picklist values. Great for people that don't sanitize data before loading it to SF. I'm looking at YOU, Rob. You know what you did.
- [Enhanced Domains](#) change how My Domains work a bit, required reading for users, some nice perks.
- [Help Texts](#) go BRRR but don't go `<BR/>` which is nice but also too bad ^Please ^let ^^me ^^line ^^break

## SERVICE

- Service Cloud Voice [QoL changes](#) include some good stuff, but the *real thing* is their new [Documentation](#) including a learning portal. Also their [API changes](#) so if you're one of the two devs that already used it already, read that.
- Einstein Bots support [more languages](#) (some more stuff in Pilot) and Predictions can be [turned on with fewer Transcripts available](#)
- That [Email RefId update](#) is now delayed by a year because turns out [they didn't think](#) people had automation building the RefId. :Kekw:
- Minor nice change: you can now change [NoReply](#) email addresses on some Service notifications.

## FLOWS

- [Record-Triggered Flows can now have Delayed Actions](#) but I find the example they give really unfortunate - for one week before the Opp Close date, you should use a Scheduled Flow that queries records matching specific criteria instead, which will avoid the undue Flow Scheduled Interviews. Great for low-delay dynamic dates though.
- [PriorValue in Record-Triggered Flows](#) to most admin's glorious celebration.
- [SendEmail with Rich text from Templates](#). So Pretty.
- Screen Flows get nice polish with [pretty screens, many columns](#) and the [ability to control how Screens behave on revists](#)
- [Debugging gets better](#) and supports [Scheduled Flows](#). Debug Logs also get [more accurate](#)
- The first Flow [API Version](#) is here with mostly QoL updates.

For anyone who cares, we consider Flows a valid replacement for some Processes starting this release, with the caveat of more testing in Sandbox required compared to Processes. We still recommend wariness for enterprise orgs though, and do not consider it ready for prime-time in all contexts.

## FIELD SERVICE

- [Shift patterns](#) solve a major pain point, and being able to mass create them is a big time saver and likely the first flow a consultant would have to build for dispatchers/territory managers. Combined with [Shift Criteria](#) this makes the entire concept a thoroughbred workhorse of a solution.
- [Advanced recurrence](#) is 'Pretty big' according to @lookasavage, but he ain't saying why, so... IT'S BIG I TELL YOU.

## DEVELOPMENT

- [Salesforce Functions](#) will shortly be open as Beta. You might remember them as [Evergreen](#). Would I use this in prod, or even sandbox, yet ? Nah. Would I research it for fun ? HELL YASS.
- `FIELDS( ALL )` / `FIELDS( CUSTOM )` etc now exist (but have a lot of limitations). Are meant to replace describes, not to replace field selection in actual SOQL queries. Mostly because there's a 200 record limit on SOQLs that use it.
- CI/CD starting to get easier, faster. [Source Tracking between Local and SDB](#), and [Org-dependent Unlocked Packages](#) come expand your toolkit.
- Transaction Finalizers [feature](#) is in beta. Dev guide [here](#). TL;DR you can know the status of a Queuable once it finishes without polling.
- Apex upgraded to 51.0 have some important behavioral changes to System and Schema functions, [scroll to the bottom](#) so you're aware.
- Minor changes to [Lead Conversion](#) that require analysis as it can simplify stuff for a lot of orgs
- SOQL for loop syntax, `for ( Account acc : [ SELECT ... ] )`, is now better [optimized](#)
- Platform Events can now be [configured](#) with a `<user>` and `<batchSize>` property.
- CMDT [accessible via Static Methods](#), no need for SOQL anymore
- \*SLDS gets a few more [styling hooks](#) and has [breaking CSS changes](#)
- ISVs, [there's new APEX Analytics](#) for you and better [Release](#) and [Error](#) handling. You also get [Free Platform Cache](#) in a small amount. Now you too can experience this [beautiful website](#)
- Shield Subscribers, [RTE Monitoring Setup now available via MDAPI](#)

## DOGELAND

- [:doge:](#) I think I'll leave this in as long as it's not fixed: STOP PUTTING PAID ADDONS IN CORE FEATURE RELEASE NOTES WITHOUT FLAGGING THEM AS SUCH THANK YOU.
- [:doge:](#) [There was a bug in a function so we removed the function yo](#)

- :doge: “Optimize” by adding LIGHTNING in places Users don’t care about

## OTHER

- [CPQ as usual has the best release notes format](#) Check that out I can’t summarize it more than it is.
- [Accounts can be Campaign Members](#) because... you can contact Companies now ? I don’t really understand that one, like you’re calling a business that has no one in it ? Not a single contact or lead ?

Useless fact of the day: This ARN is 27% shorter than last release, and 48% shorter than Spring20.

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# Winter '21 Abridged

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The [Salesforce Discord Collective](#) Presents:

## THE WINTER 21 RELEASE NOTES - ABRIDGED

By reading these release notes, you forfeit your place to Dreamforce this year in favour of an SFXD member. Oh wait...

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### CRITICAL STUFF

- [Guest User Nerfed to hell](#), literally unplayable. May break Aura/LWC customizations.
- [Email RefId Nuked, now uses Header](#). Retrocompatibility guaranteed, but if you abused RefId in the past with formulas and such, dis [Bad News™](#).
- [Dynamic Forms](#) Now GA. It's critical because mid-term it means Page Layouts gonna be retired. (As always, this is [wild speculation](#) but we're often right).
- Flow Engine now [API versioned](#). No more critical updates, better control. Yay. Probably [Why most Updates are Postponed](#)

### GENERAL STUFF

- [A rather discreet note](#) highlights the creation of [Customer 360 Guides and Solution Kits](#) which contain [context-driven architectural charts](#) and [designs considerations](#). Now THAT'S a great resource
- [MFA getting easier](#) which is a good thing for Enterprise software
- [Recycle Bin Search Is Being Removed](#) due to performance issues. Probably because it's not stored in the same DB in the backend which isn't optimized the same way as [the other tables are](#)
- [Optimizer gets new Security Evaluation points](#), great what with all the changes happening lately
- Orders continue their pursuit of not sucking as much [by now following the rest of the platform](#) re:triggering automations on save. I still hate them though. [So Feverishly](#)
- Reps can now let email recipients choose from [offered meeting times](#) and it's not limited to Lightning Scheduler woooo
- Salesforce now has an [HTML Email Builder](#) woooo

- [Performance Review](#) For LEX Pages =D
- [Profile Management](#) got a [few updates](#) that make Profile handling more secure.
- [Perm Set Groups for PE](#), further solidifying that the full move to Perm Sets is happening at some point down the line

## SALESFORCE CORE

- [Submit For Approval](#) button now supports conditional display options
- [Kanban view](#) shows you [Changed Records](#), a nice QoL Improvement
- Salesforce now gives you Prebuilt [Flows](#), [Macros](#), and [Quick Texts](#) so Agents can be more productive
- [Agents can now transfer Skill-based Omnichannel assigned items](#)
- Fields can now be [auto-added to existing Custom Report Types](#) on creation (checkbox in the field creation wizard, defaults TRUE after activation). Good for lazy admins, less awesome for admins that do custom sections.
- [Notifications support Page Reference Navigation](#) I can't wait for [FRIDAY FRIDAY GOTTA GET DOWN ON FRIDAY](#)

## FLOWS

- [Brand Name Screen Flows](#) now [redundant](#), [Generics](#) now on market
- [Before Delete](#) operation now available for Triggered Flows. Seems to be for related record updates more than anything. Does not replace APEX BeforeDelete Validations.
- OCD Users rejoice - no more 1 pixel weird lines with [AutoLayout](#)
- After a meditation session in the ancient caverns at the top of mount Workflow, the team decided to [Allow evaluation only on specific changes](#), also on [decision nodes](#). Sizable performance increase.
- [All Flow Elements](#) now support AND, OR, and other operators
- Various QoL Improvements with [Record Traversing In Triggered Flows](#) and [Global variables without Formulas](#), as well as [trigger type column in Flow Lists](#)
- Yo I heard you like LWC so we put [LWC in your LWC](#) so you can LWC while you LWC LWC

/\* This release got a few very anticipated updates for testing and reproduction. Enterprise users rejoice \*/

- [Meet The Spy](#). You can now [Impersonate](#) Users while debugging in Sandbox.
- SF Maps team hired to work on Flow builder, releases [Routing view on debug](#). Rated 0 stars on google play "Won't direct me to bakery".
- Flow Errors now [send you to where the error is](#)

For anyone who cares, we still don't recommend replacing all your PBs with triggered Flows. We do recommend starting to look into how you *will* do this in the next releases though. It's coming fast.

## COMMUNITIES EXPERIENCE CLOUD

- Customize Communities with Code Settings for [Embedded Chat](#) and Channel Menu
- Better Page Management with [custom page nesting and url edition](#)
- [Record Detail Based Audiences](#) in what is low-key one of the best things to happen to communities. Fully dynamic audiences per records based on criteria. Holy crap.
- External Users [can now switch Accounts](#) and manage other users. Seems to be related to an [old B2B commerce feature](#)
- [CSP settings enforced for inline scripts](#)
- [BYO Communities LWC pilot](#) getting some nice updates - if you're planning a BYO comm, probably wait until this is GA or request pilot before deploying an already deprecated Aura one

## EINSTEIN

- [T-800 joke goes here; something about an army ?](#) Einstein Bots got [easier to setup for newbs](#) and [give you MOAR POWER](#) when automating stuff
- [Predictions and Recommendations for you and for me and the entire human race.](#)

## DEVELOPMENT

- LWC now has a [cache busting function](#) when you wire data from Lightning Data Service adapters. Should be useful in replacing the refreshApex function which was [a little confusing](#) to use.
- [SLDS CSS HOOKS](#). Hooks is not an acronym here.
- Lightning Scheduler now [supports PE](#) on events creation or changes, also [provides interface](#) to fetch external calendar availability.
- Embedded Chat now [supports server-side code injection](#) so you don't modify your webpages uselessly.
- You can now [Patch Salesforce](#). No, not that way.
- Scratch orgs pull a Ditto and now clone the [Shape of an Org](#)
- You can now [nullify your nullpointerexception](#)
- Platform Events [now more reportable](#) and now support [APEX callouts](#) anywhere within an existing transaction cycle by using Publish Immediately PEvt.
- [Custom Notifications](#) can be sent from APEX

- [Apex now has runtime detection](#). This can be used to detect if something isFuture() / isQueueable() etc, it should scale much better. Combined with new [sObject Error Methods](#) this makes debugging better.

## DOGELAND

- [:doge: YOU CAN PUT IN-APP GUIDANCE ON EDIT AND NEW Annn...](#) oh wait it's part of mytrailhead, which is [expensive](#), despite being listed as a lightning experience thing. Oh great. Actually since they made it energy-consuming to figure out what's paid or not I [deem the entire Lightning Experience Engagement section worthy of a Doge award](#).
- [:doge:](#) When [Bypassing Security Fully](#) becomes Standard Operating Procedure you probably should take a moment to wonder how we ended up here.
- [:doge:](#) Someone at the email team decided to [up the size limit](#) except [the other providers](#) won't care, meaning you'll probably get bounced emails... ???
- [:doge:](#) No one seems to know if Salesforce Anywhere is stable, or useful, or what it does. Not the best product launch I've seen, though the [product itself seems ok I guess](#) ?

## OTHER

- [:100:](#) I don't want to do a whole anti-doge section but [this](#) is how you communicate a feature pull. It's precise, apologetic, to the point. Can't be done better. Kudos.
- [Translation Imports suck less now Someone went spelunking](#).
- Seriously Release Notes team can you stop putting ads in the release notes? It gets tiring. You have a marketing blog to be fake-happy about features.

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# Summer '20 Abridged

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The [Salesforce Discord Collective](#) Presents:

## THE SUMMER 20 RELEASE NOTES - ABRIDGED

Best read from 1.5m distance

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### CRITICAL STUFF

- [Lightning Sync](#) will be [retired in Winter 21](#). Recommended integration path: Einstein Activity Capture. This is the what, [5th release in a row](#) they've [nuked some integration](#) with Google/Microsoft ? At this point I'd probably just recommend going third-party.
- [Pardot Connector](#) needs to be manually updated to v2.
- [After Save Flows](#), [Platform Event Flows](#), and [Flows that Bypass User security](#) change [everything](#) about Declarative Automation in Salesforce (but curb your enthusiasm a bit). Read our "Special Edition" at the end for more details, which also covers [Dynamic Forms](#).
- Lightning Message Service ([LMS](#)) is [now GA-ed and available](#). This **replaces** the janky `pubsub` module found with `lwc-recipes` and is now the official communication mechanism between VF pages, Aura, LWCs, and components placed in the lightning utility bar. See [/u/temp\\_sv\\_dev](#)'s [github repo here](#) for some samples on how to swap out `pubsub`.
- [Some Permissions Changed](#) and [Need Review](#)

### GENERAL STUFF

- [Paths now create Kanban views](#) and are also subject to [confetti](#) which I assume means they've [merged](#) Kanban and Path in the backend
- [Email Insights](#) just got a little bit smarter. Requires Einstein Activity Capture.
- [B2B Commerce Orders protested against confinement](#) and aren't forcibly tied to Products anymore. ~~It's worth a shout because a lot of companies did custom Order\_\_c due to this limitation.~~ Only applies to B2B Commerce, my bad.
- The [Related Record](#) component in the App Builder now allows showing the parent of a parent AND polymorphic relationships, which is actually super nice
- Knowledge [took the red pill](#) and now sees record access as it really is (Beta)
- [Dynamic Actions](#) don't force you to open the Page Layout to changes Actions in Lightning (for desktop)

- [Salesforce Help Login now goes through trailblazer420.yolo](#) which is OK for most people but annoying for implementation partners which have tons of the same user with the same email.
- [Mobile App](#) team get the “Best Release Notes” award because I can’t summarize them more than they did. Seriously, great job. Also [Custom Notifications](#) get a nice upgrade.

## FLOWS

- The Critical stuff we wrote above
- Flow now [try to help you do Flows that suck less](#) with in-app [prompts](#) when you do [things that suck](#)
- Debug Mode is now really a [Debug Mode](#) meaning data isn’t saved when you run the debug thank god finally pfiew
- [Passing Data to Flows now easier](#)
- Developers rejoice as [Apex-defined Variables](#) can now be returned, and [Flows now accurately indicate usage in debug logs](#)

## COMMUNITIES

- [Standard Actions Overrides!](#)
- A few personalization updates with [multi-level nav bar](#) and [some standard component changes](#).
- Sharing data with external users now simpler thanks to [External Account Hierarchies](#)
- Salesforce have [Fixed a bug for the Service Appoinment Component](#) which requires some manual setup.
- Other notes were either Previously announced (no more [Guest user owners](#), etc) or Pilot ([LWC Build-your-Own](#))

## SERVICE

- Salesforce are releasing [their own CTI](#) which [seems to be a front for Amazon Connect](#) and some SF polish like [automated transcription](#). Comes at extra cost, unsure if worth it ATM.
- Bots get [Multi-Language Support](#), [Best-Practice Help Pages](#), [Skill-Based Routing to Agents](#), and [Builder](#) upgrades.
- Routing now allows [optional skills](#) which avoids huge queue times.
- Surveys are still not as good as GetFeedback but are [slowly getting](#) there. [It’s kind of peppered across the entire Release Notes though](#)

## REPORTS AND DASHBOARDS

- [Flow Interviews](#) now also available for reporting
- [PriceBookEntries](#) now targetable when creating Custom Report Types
- This was already the case for Formatted Data, but now [CSV](#) can now also be attached to subscriptions

## EINSTEIN

- I may have missed this before but it seems that Salesforce have now decided to cover themselves re: the use of the Einstein name: "[Rights of ALBERT EINSTEIN are used with permission of The Hebrew University of Jerusalem. Represented exclusively by Greenlight.](#)" which I find funny
- Einstein features have gotten a lot of love in the last year, and are getting at a point where I could start recommending clients buy them.
- [Prediction Builder now supports Field-to-Field Comparisons](#)
- [Case-WrapUp](#) is a nice addition to Service Einstein
- Einstein Search now gets [Natural Language Processing](#) and is no longer limited by [Shield Encryption](#)

## DEVELOPMENT

- [Unlocked Packages](#) will require Code Coverage to Promote and can also be [Org-Dependent](#)
- [Einstein OCR via API](#)
- Sending [VF Emails to Guest Users](#) requires extra parameter, check if you're subject to this.
- [Reusable CSS](#) between LWCs. I think design tokens are still a bit wonky though.
- Use the `@salesforce/community` scoped module to import information about the [current community context](#)
- [Connect REST Api now returns SVG instead of Flash](#)
- [Generic SObject](#) data types are here and can be used in Flow actions. This means you can use `sobject` and `sobject[]` in your flow screen LWCs!
- [Private Connect](#) sets up a fully managed network connection between your Salesforce org and your AWS Virtual Private Cloud (VPC)
- [Crypto](#) now supports RSA-SHA384 and RSA-SHA512.
- [TOTP](#) via APEX now possibilities
- CDC Events now support [mandatory sent fields in events](#)
- Dev and Dev Pro Sandbox now support [scratch org type of source tracking](#). Hopefully they will support at *least* partial sandboxes in the future!

- `System.Security.stripInaccessible()` now [respect relationship fields](#). It's now minimal overhead to add FLS / CRUD checker to your apex. Finally.
- New [@JSON annotation](#) controls whether instances of the class can be serialized or deserialized. Default setting in API v48+ more restrictive than current situation.

## DOGELAND

- [:doge:](#) Someone at SF thought it was a good idea to re-open the [Work.com casket](#) but put a Sales pitch instead of content, and brand it as COVID relief. Reception mixed at best.
- [:doge:](#) Salesforce PRESENTS: [OPTIMIZER](#) ! Yes it's the same (awesome) tool that was first an external website and then a menu item. No, we don't know why it's in the release notes. [Again](#). And [Again](#). And [Again](#).
- [:doge:](#) [In-App Guidance got an upgrade with Walkthroughs](#) buuuuuuuut you need MyTrailhead to use it. Too bad because it looks [Dope as Hell](#)
- CMT team wins "weirdest Jargon" award for an otherwise [cool release note](#)

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And a linkedin page: <https://www.linkedin.com/company/sfxd/>

Join the ~2000 members in the most active chat-based community around Salesforce these parts of the web at <http://join.sfxd.org/>

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## SPECIAL EDITION - FUTURE OF AUTOMATION

I put this outside of the ARN themselves because, well, it's not a release note.

*Re: After/Before/Events Triggered Flows:*

- HUGE SPECULATION as always - I'm calling Process Builder deprecated by 1y and fully retired by 2y. To the angry people that flamed me when I called Aura [deprecated](#):  
[BOOYAH](#).
- Using PB is still required due to current Flow limitations, and I expect that there will be a tool to migrate one to the other seeing as technically they're both the exact same tool in the backend - so don't panic about your Process Builders just yet.
- These changes add yet another automation source to Objects. That new automation source probably won't play super well with others, as the [Before Save](#) flows highlighted

with APEX.

- The new Flow execution contexts don't support everything that is in PB or even normal Flows yet (no Subflows, no `ISCHANGED()`).
- In Summary while these are very exciting times and highlight a bright future of Low-Code possibilities, we currently advise NOT to use these new flows outside of Prototyping or Sandboxes.

#### *Re: User-Permission Bypassing Flows:*

- While SF seems to push Flows as Admin-friendly, the reality is that as time goes on, Flows are becoming more of Procedural programming with a GUI than anything else.
- The above effectively puts the skill floor higher for any new admins - think 7 years ago when all you had was page layouts and workflows. Things are a bit more complex now.
- User-Permission Bypassing means you can effectively do VERY BAD THINGS, and to be honest I would rather they hide this option behind a few layers of prompts asking if you know WTF you're doing. As-is I can totally see compliance issues in the medium-term. I encourage any Auditors or Consulting partners to add checking for this permission in any audit checklist and ensure that it's needed.
- For all SF Admins reading this, SFXD already told you this last release, but really: Train yourself on Flows, Fast. You're going to need it.

#### *Re: Dynamic Forms:*

- [Dynamic Forms](#) will extend quite a lot what can be done in Lightning Page Layouts. It pretty much replaces Layouts in general.
- The current status is Preview, meaning SF don't want to support it just yet. If you're using it in Production, this is bad. Don't do it. Wait a few releases more.
- I am still unsure what this means for Page Layouts/Record Types in the future. Probably will be decorrelated and based on conditional display (which doesn't work well ATM)
- As-Is this is a very strong Do Not Use.
- It seems that more and more things are getting [Builders](#) in the backend which allow more powerful stuff in the hands of admins (Flows, Bots, Paths). While this does sound like great news, it'll raise the skill floor to be a competent Salesforce Manager in the next years

#### *Re: Lightning Message Service ([LMS](#)) and continued support of legacy code:*

- With [LMS](#) there is now one ring to rule them all. In its most ideal usage, this now serves as the primary inter-component communication mechanism **between** LWCs that are in separate component trees.
- But, until your org(s) reach the state where you can invest 100% in LWCs only (because you are moving to that future, right?) this is now a quick win for bringing your VF and Aura solutions to play nicely with your shiny new LWCs.
- Now that they have finally settled on conventions ([LMS](#) using various [channels](#)), I fully expect this to be the backbone for some cool event driven application hooks in the future.

# Spring '20 Abridged

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The [Salesforce Discord Collective](#) Presents:

## THE SPRING 20 RELEASE NOTES - ABRIDGED

Bug Fixes & Various Impro... wait this isn't the app changelog.

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### CRITICAL STUFF

- Lex is getting activated for all orgs on [January 7, 2020](#). No, this does not mean all users will be forced to use LEX. Yes, this means you need to study impact. No, it shouldn't be high impact unless you follow no best practices whatsoever, which we've [already](#) covered [a few times](#).
- New Mobile App [incoming for all](#) in Spring 20 so read up on how to personalize it and fast. Also SF nuking their [mobile browser](#) version so better learn to love that new app.
- [SameSite Cookie Changes may require action to prevent integrations failing](#)
- [Muting Permission Sets](#) now live within [Permission Set Groups](#) which are also GA. While this is awesome for some cases, it adds another layer of stuff to [audit](#), and another layer of complexity to permission handling.
- [Custom Setting access](#) and [Custom Metadata Access](#) now handled via Profiles & Perm Sets by default.

### GENERAL STUFF

- In-App Guidance can now be [set by profile](#) and [CAN BE TRANSLATED](#). There's few other minor updates but in general these updates make the feature something that could actually be used for user onboarding in bigger orgs now.
- You can now [clone Opportunities and Campaigns with related records](#). This change is wayyyyyyyyy more hype than it sounds like because this actually required a Flow at the least before.
- The App Launcher [no longer requires you to gaze upon it in raptuous glee to change apps, and now has a search bar](#). Small QoL change but one that has high positive impact for users changing apps all the time.
- Allow your users to use the Salesforce new [Voice Assistant](#), powered by admin-defined Skills. "YES EINSTEIN PLEASE LOG NEW OPPORTUNITY "TOP SECRET CLIENT" FOR \$1M - excuse me sir I'm getting off at this stop, horribly busy day isn't it - CALL BACK

TOMORROW TO BE FIRST ON DEAL”

- [Data Mask](#) allows securing sandbox data easily. Great for avoiding undue emails.
- [Einstein Opportunity Scoring for Everyone](#) but you'll need [400 closed opportunities in the past 6 months](#), half of which should be closed won to take advantage of it.
- [Tasks can be assigned to Queues](#) in what is a gigantic moment of happiness for most Sales admins. What isn't written is how it handles Reminders linked to those tasks, testing needed.
- [Outlook integration](#) and [Lightning Sync](#) change authentication/integration possibilities - check if you're now eligible. Both are also up for "Worst Title" in the original release notes.

## FLOWS, PROCESSES

Stephen King reported crying in a corner as flow team continues to be KILLIN' IT for the second release in a row.

As an aside we recommend subscribing to the Flow Product Owner's [blog \( rss \)](#) for [insane stuff](#) that may not be ready for full release.

- In one release, we now have [Flows that can run in System mode](#), [Triggered Flows that run BEFORE UPDATE](#) and [Object-Agnostic](#) Flow Invocable Actions.

Breaking the List format for a second here, because those changes are massive. First, this means Process Builder are less relevant in a lot of cases, as they run after a DML. Here, before stuff touches the database, Flows can run and edit values on the record. This is FAST AS FUCK and plays well with limits. Combined with Scheduled Flows, this means that you can remove quite a few processes that had long-running paused interviews (replace that PB that says "set contract to expired after end date in the past" with a scheduled Flow that will run daily). In short - if you're an admin, you know Process Builder, but you don't know Flows, go to trailhead NOW or ask for training ASAP because your job will depend on it medium-term.

- A [formerly hidden feature](#) is now fully documented and easily available - getting fields from Parent objects via formulas after a GET element, without further queries
- Following the Contact Roles becoming [more like normal objects](#) last release, you can now [trigger Process, Flows and WF Builder](#) off of them.

## COMMUNITIES

- [Account Hierarchies](#) via Parent Accounts can be used for record sharing (Beta) so you can see child account information if you own a Parent.
- Salesforce CMS can now [post to other systems - including heroku, completely custom endpoints, etc.](#) I imagine this means you could technically use Salesforce CMS to federate content from even external sites and allow Marketing to handle it all in Salesforce, but the Help page is decidedly not forthcoming. I would tag this as "keep an eye on it, see what

SF hatches". Probably not fully baked, hence why they're not putting it in the spotlight.

- [Report Builder](#) now GA as is [Report Viewing](#). However "You can give permission to create and edit reports to all role-based external users with licenses such as Customer Community Plus and Partner Community. You can also give permission to all legacy role-based portal licenses such as Customer Portal and Gold Partner." So in short no license requirements change.
- Playground App on iOS and Android to test [how communities look like](#) in mobile app

## EMAILS

- [UTF8 EMAIL ADDRESSES](#) FINALLY WOOOOOOOOOOO THANK YOU EMAIL TEAM
- You can send [Emails from a list](#) and [now they support drafts](#)
- [Enhanced Email Relays](#) now active for everyone which makes sending emails that won't bounce that much easier

## SERVICE

- [Dynamic Knowledge Article Recommendations](#) powered by Einstein
- [Bots](#) get way more awesome with [conditional messaging](#) and better error handling [when asking for information](#) and [Whatsapp support](#). Also bots [don't wait as long](#) when your users go out to buy cigarettes and swear they'll come back.
- [Bulk Macros in LEX](#)

## SMALL RANDOM THINGS THAT ARE NICE

- Advanced Currency Management [is now in LEX](#) but still has all of its limitations which makes using it a pain.
- [You can filter products when adding them to Opportunities](#)

## DEVELOPMENT

- [@track no longer required for LWC](#) which will make unupdated code samples and documentation confusing for new comers, but is otherwise a nice change
- [Wire Adapters](#) Not Guaranteed to Emit the Same Data and we're all confused as to how exactly the data could be different to be honest.
- [Calendars](#), Communities [now available](#) and [customizable](#) vi API
- That pre-fill records via URL thing from above is also usable via [dev](#)
- Embedded Services for Web (AKA Snapins, AKA LiveAgentButtonsV2) [now support LWC embeds](#)
- Communities search parameter [changed to :term](#) - legacy parameter `:searchString` deprecated but supported.

- You get an [API Call](#). YOU GET AN API CALL. EVERYONE GETS API CALLS

## CPQ - by Mekel

- [Do More with Improved Price Rules in the Configurator](#) – Price Rules just got a small upgrade, price rules utilizing config attribute values will have their updates/pricing changes reflected directly in the Configurator, no more running back and forth to the QLE to see the updates
- [Apply Edit Rules Efficiently in the Configurator](#) – YO we got a new Quick Action called Apply Rules that runs ALL (Configurator) Price and Product rules, so you don't have to constantly run your rules with every change.
- [Logic Updated for Percent Values in Price Action Formulas](#) – No more madness of worrying about how the value needs to be input or output for percentage fields. This will potentially affect your existing price rules and throw off your calculations, make sure you're covered.
- [Transition from Managed Package Licenses to Permission Set Licenses](#) – Salesforce is releasing a tool to help you determine where you are in converting from managed package licenses to permission set licenses. But you still get to do the grunt work of converting them

## EINSTEIN ANALYTICS - by Supergrape

- Easily find where your data is being used/comes from with [Data Catalog](#).
- Row limit expanded to [10 billion](#) from 1 billion for Analytics Plus licenses.
- A [slew](#) of [new connectors](#) added to plug in your [other CRMs](#)!
- Do you have a gigantic... [Opportunity](#) object? Does the Data Flow take so long to run that you can't run it every 15 minutes? Well now you can split your Opportunity (and any other object) into its own scheduled sync to let your Dataflow run faster! Also upped the limit from [30 dataflows](#) to 100.
- Inheriting security from Salesforce got a [little better](#), still kind of bad though.
- You can now use SOQL to query [Salesforce Data directly](#), no dataset required!
- Built in "[Data Blending](#)", come on Salesforce, it's called a join. Everyone knows it's a join, why cause naming confusions. Nice that they're trying to limit the need for SAQL though.
- Record Actions now have the Lightning theme and can trigger a [Flow or Lightning Action](#).
- Native GUI support for [modifying the XMD](#) on datasets is [getting much better](#). It's almost as good as the old Heroku tool that already did all of this.
- I've pretty much always worked EA in Prod, looks like they may be supporting that idea now by allowing you to work on a new version of a dashboard then Publish it when it's ready.

## Field Service Lightning

- [Shifts for FSL \(beta\)](#) allow you to create flexible working hours which was previously a major headache for any company that didn't have a weekly recurring schedule (read: LIKE EVERY COMPANY)
  - Can be used in conjunction with Operating Hours
  - Basically looks like you can assign people to one-off shifts rather than being forced to implement recurring shifts that can only recur per day-of-the-week. Alternative till now is a ton of temp records and teaching admins how to data load square pegs in a circle hole. Requires more analysis and more than 1 screenshot to see full capability and whether it can fully replace Op Hours, though.
  - comes with a fancy lightning component to see and manage people's assigned shifts.
- [Maintenance Plans now post in chatter](#) to let you know before the VP of Operations that the last-minute PB you slipped in at 2am last night caused 3000 work orders to fail on creation
- Field Service Mobile
  - [Global actions are now available from TOP LEVEL screens](#), which is HUGE. IT IS SAD HOW HUGE THIS IS. Right in line with opening up mobile app customization to developers. "YOU'RE WELCOME" - Salesforce, probably
  - As opposed to being a total black box, you can now manually sync your app for offline use on-demand. Great QoL improvement especially for testing.

## BLAST FROM THE PAST

- [Case Merge](#) now GA and [you can hide closed statuses](#) in the picklist in lex now...
- [Prefill Record Values on Create from button](#). Probably linked to [this](#) and then they left the API open, in henry's immortal words.

## DOGELAND

- Not technically a Release Note but I would like to give a special [:doge:](#) award to whomever thought hiding interesting stuff under the "Lightning Scheduler" section with no title was a good idea. [Seriously](#)
- [:doge:"Yo Mark what language do they speak in Fr..." "ENGLISH" "...ance?" "ENGLISH I TELL YOU" "... and Japan?" "..."](#)
- [:doge:yo this new feature we released relies on deprecated shit](#). Please click our checkbox to say "yeah I wanna use deprecated shit" to continue using our new feature.
- [:doge:The LEX converter is now external to SF and looks like a full-fledged app](#). No idea why the release notes just mention its home page. In the meantime it's a link, outside of your org, that looks like Salesforce, and helps you migrate your org. Maybe next time they can do a mobile app that iframes a screenshot of a Salesforce Org hosted on a heroku app that forwards to a local client or something less confusing IDK.

- :doge:Hey if you want new features on your cloud-only and client-agnostic enterprise-class software you can now install a chrome extension because tying people into a browser made by an ad giant and not available on all platforms was obviously the best choice.
  - Also up for a Doge Award is the [Object Creator heroku tool](#), which is still completely and hopelessly broken.
- 

This abridged version was graciously written up by the **SF Discord**

We have a nice wiki: <https://wiki.sfxd.org/>

And a linkedin page: <https://www.linkedin.com/company/sfxd/>

Join the ~1900 members in the most active chat-based community around Salesforce these parts of the web at <http://join.sfxd.org/>

# Winter '20 Abridged

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The Salesforce Discord Collective Presents:

## THE WINTER 20 RELEASE NOTES - ABRIDGED

Can we speak about the fact that “winter” releases come out when it’s still 35°C like seriously the logo [has palm trees](#)

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### Welcome to the hospice

- Original Territory Management Is Being [Retired](#)
- Customizable forecasting [soon to be retired as well](#)
- [Data.com](#) Prospector and [Data.com](#) Clean Are Being [Retired](#)

### Awesome stuff

- The new mobile app is [kickass and customizable](#)
- [INTERNATIONAL EMAIL CHARS THANK DOG IT'S HERE](#)
- Event Monitoring available with SHIELD. [Get notified when people pull reports just after getting fired!](#) Read setup instructions carefully though, unsubscribe from event channels while Salesforce upgrades your org to the Winter '20 release, then resubscribe.
- [Custom In-App guidance](#) is GA, to help your users not feel lost in the sea of white that is LEX
- [Everything about Flows this release. Seriously, read below.](#)
- [Reports get Row-level formulas, Field to field comparisons, and unique value counts.](#) Everything you ever wanted.

### Awesome stuff if it was still 2014

- [The recycle bin](#). IT'S IN LEX. YES, AFTER FOUR YEARS. CELEBRATE
- [Printable list views also make a comeback in LEX](#)

### Flows and PBs

If these guys continue delivering at this rate I'm going to have to do two release notes, one for that team, and one for all the others...

- [SCHEDULED FLOWS](#) you can uninstall Mass Action Flow Scheduler now
- [CONDITIONAL DISPLAYS IN SCREENS](#)
- New components in Flows: [Lookups!](#) Actual darn lookups, [Notifications like PB](#), hell you can even [use LWC in Flows now](#)
- QoL updates: [variables are easier to setup](#), [activation directly in the editor](#) as well as [click-and-drag to select](#), and [specific code coverage when deployed as active](#)
- You can now subscribe to [FlowDefinition Errors via Process Buidler](#), ensuring you always know if something doesn't work
- Flows are now subject to [Profile Controls per Flow](#)

### **Put some varnish on it - old things that just got better in no particular order**

- [Mass actions on list search](#)
- [Search](#) keeps [catching up](#) to google in the [fabled 1990s search engine race](#). Salesforce also premieres its new pricing model of "[pay for more](#) users even if you have the right license to get this" with its [new search personalization](#)
- [Account Teams](#) and Opportunity [Contact Roles](#) now behave like [normal objects](#) and can be customized and automated off of
- Opportunity products get [minor QoL updates](#) that [make a huge difference](#), with default quantities, quantities being hideable on the PL, and the addition page supporting dependent piclists
- Activities get a [another coat of paint](#) — by Spring23 it'll look like a geisha — with less archival annoyances, [easier completion](#) and infinite scroll. Einstein can also [sync repeating events](#) in what is a contender for "Best 'Duh' update".

### **Service**

- You can find [people to email](#) from Cases more easily, the [email templates suck less](#), and your users can even have signatures [without workarounds now](#)
- Omnichannel: a few new objects, the ability to say "[YO OMNI, GET THIS CASE TO THIS PERSON NOW](#)", [skill-based-routing declarative setup](#) now GA, [SECONDARY PRIORITY WOOOOOOOOO](#) Finally you can [escalate in queues](#) and [estimated waiting times for your clients](#). Omnichannel! Now also available in [Sales with Digital Engagement](#). Is Omnichannel right for you ? Ask your AE Today !
- [Chatter unread](#) so your Agents can stop saying Chatter's cluttered

### **Communities**

- Remember that CMS we talked about last release notes ? [It's GA now](#) and we still don't know how to feel about it.
- [Navigation Menus Variations](#) now exist. Future updates will probably allow it to be dynamic per page but for now it's meh.
- Case-specific components and pages dont exist anymore (but existing ones won't get deleted), use [generic record components instead](#)
- Sharing Setting to set [Guest access to private for all the things](#) and guest users also [won't see all users](#), and also they don't [own records created anymore](#) yay security.
- So as an obvious corrolary now you have [Sharing settings for Guest Users](#) so you can use sharing rules
- Partners and customer community users [can send emails, no way that'll ever be abused](#)

## Einstein Analytics

- A ton of new templates, [Retail Banking](#), [Wealth Management](#), [Insurance](#), [Manufacturing](#), and [Health](#).
- Tables are finally catching up to Excel, kind of... Ability to show [Sub AND Grand Totals](#) in a table without hacking things together in SAQL.
- [Number formatting](#) in the GUI so you don't have to futz with XMD anymore (yay almost Excel)! Still upset they took down <https://wave-labs.herokuapp.com/> though.
- They said Wave 1.0 (Classic Designer) was [retired](#) in the last release. I guess you have another shot at watching the conversion tool fail.
- Introducing 15, 20, and 30 minute [Dataflow Syncing](#) and increasing the number of daily Dataflow runs to 120 instead of 60.
- Changing the name of a Step to a Query. [Totally worth the time](#). Who wants to bet they didn't change them in the dashboard JSON though?
- Automatic Dashboard, Dataflow, and Lens [snapshots](#) just in case you screw something up. Too bad they dropped the ball and make you access them through the REST API instead of any number of easier ways. I'm assuming we'll see a GUI for this in spring.
- Users can finally get emails of Dashboards/Widgets by [subscribing](#) to them! Now your executives can have information delivered directly to them rather than asking you to pull it for them. They're going to make you do it anyway but hey Salesforce made an attempt.
- Analytics in the mobile App! There are [two pages](#) about this in the release notes but no screenshots. There is however a broken link to sign up for a beta version of the app! Non-broken [link here](#).

## Others

- "Where is this used" [now GA](#)

## Dev

- [Public Methods Access only from same package in LEX components](#) may affect your existing setup
- [LWC in Flows, Flows in LWC](#)
- [Lightning Message Channel \(Developer Preview\) to communicate across the DOM, between Aura components, Visualforce pages, and Lightning web component](#)
- [Callouts Are Excluded from Long-Running Request Limit](#)
- [Share css across components](#)
- [Custom tabs for LWC](#)
- [FLS enforcing in APEX out of Pilot, now Beta](#)
- [Packaging: Second-Generation Managed Packaging Generally Available](#)
- [CDC events now includes list of fields changed](#)
- [BULK API now supports queries](#)
- [Formulas](#) recalculation in APEX. that is HUGE — you can calculate formulas without a dml, in batch. let that sink in... you can basically have formulas lift heavy calculations and do it in an apex class without saving

## Things are just horrible

- Yeah that [Object Creator tool](#) we talked about two releases ago ? They released it silently, and it's completely broken. Can't be used for anything. It mistakes rows for columns, doesn't parse types correctly, can't add more than 10 fields to the page layout. It is more of a disappointment than I was to [my Ballet teacher](#).
- Hey if you modify page layouts on custom objects now, [you can go get yourself a coffee](#), cause [you ain't seeing that for 15 minutes](#)

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This abridged version was graciously written up by the **SF Discord** <http://join.sfxd.org/>

We have a wiki as well now: <https://wiki.sfxd.org/>

# Summer '19 Abridged

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The Salesforce Discord Collective Presents:

## **THE SUMMER 19 RELEASE NOTES - ABRIDGED**

We don't use cookies to track you, but we like chocolate ones

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As said last time, we stopped separating LEX into a different section.

### **CRITICAL STUFF**

- Quick reminder that [Salesforce will turn on LEX for all normal profiles in Winter 20](#). To quote ourselves, if you're following best practices and not using standard profiles, this won't affect you. And if you're not following best practices, well now you have a reason to start =D
- A Critical Update will [disable API permission on external users](#) on ALL external profiles, INCLUDING CLONED. Check your communities. For cloned profiles, the permission just needs to be rechecked after activation. For standard profiles, seriously, just clone the darn profile.
- [Permission handling for Apex Class callouts from Processes and Flows is changing](#) and your invocables may fail if you don't update them before the critical update gets activated. Check it.
- [Lightning Web Components available through Lightning Out](#)
- [Customizable Forecasting is being retired](#)
- [Anonymous data collection from all einstein users allow better modelling and predictions](#) ... Well, better see what they collect and whether this exposes you to liabilities...
- [Analytics Classic Designer \(Wave 1.0\) is being sunset](#), make sure to start converting your dashboards to Wave 2.0 before Winter '19 or forever lose access to them. Too bad the Dashboard Conversion functionality suuuuuuuuuuucks.

### **OOOH, SHINY!**

- [You can create Custom Notifications](#). And trigger them via Process Builder. We still hate process builder but that's rather cool.
- In the same vein, you can [create custom Prompts in Lightning Experience](#). Look for "In-app Guidance". Also, note that this adds permissions to all profiles. If you had weird errors

deploying profiles between api-version-mismatched orgs, well, that's why.

- You can define [Data Types in APEX so they're used in Flows](#). Read the page for more information, it's tough to explain better than they did.
- Salesforce... [Released a CMS](#) for communities, after integrating with others. Whether that's good or bad is up for discussion I guess.
- [Continuations now available in LEX](#). Great when you have long-running calls and to optimize the number of queries.

## GENERAL STUFF

- [Lightning on iPads](#). Doesn't look like much but that means a lot more managers will be happy. Is beta, requires activation.
- "Live Agent" is renamed to "Chat". No link because that's all they say on that page. If you're french "Chat" is "Cat". [/r/uninterestingfacts](#)
- They seem to be pushing [Surveys](#) still with a new free tier and some quality of life updates.
- FSL gets a nice update regarding [Time Sheet Templates](#) and better [optimization](#)
- [Related Lists in LEX suck less now with text wrapping and up to ten columns !](#). Beta feature.
- Speaking of [Related Lists](#) you can now filter them without creating new views and stuff.
- High Velocity Sales got [a few](#) upgrades, the best of which IMHO is [Open CTI in HVS](#)
- You can reference [Einstein AI fields in Formulas](#).
- [Activity Capture now has Activity Metrics](#) fields in GA, so you can more easily see concatenated info about activities in Salesforce and activities via Einstein

## EMAILS

- [You can add images in your emails now](#) so you can add cat gifs to your support closure notifications.
- Salesforce now allows you to [open your own mail client](#) when clicking "email" on a record. Personal setup, not admin one.
- Speaking of mails, [Files attached to mails now also appear in the Case Files related list](#). Agents everywhere rejoice.
- While we're at it [Emails can be scheduled to send later via Outlook](#) and you can [mark Email Address fields as read-only in the email action](#) oh and you can add links to [knowledge](#) in them too. So, yeah, Email updates.

## SERVICE CLOUD

- [Skill-Based Routing](#) for omnichannel without code. Is Beta, but still, *NICE*. Combined with [Flows being able to call skill-based routing](#) this is great news for small-to-medium-sized businesses.
- [You can Merge cases now](#). You know it's spaghetti code when using the same UI and functionality but on a different type of record requires so much rewrite it takes literal years to develop.
- Oh and [Case Milestones](#) now in LEX as well.
- [Macros support IF statements](#). This changes how you can use them, like, a lot. Any Service Cloud org should look into this.
- [Einstein Bots got some quality of life upgrades](#) including a [map visualisation](#) of conversations, the capability to have [custom profiles](#) to access more resources and APEX classes, etc.

## PROCESSES, FLOWS, ETC

- The new Flow Builder has gotten a few updates ! Which brings it to parity with the old Flow Builder [regarding undo, copy, paste](#) and [rich text](#) (though that doesn't support HTML). Anyway dis all great because the [old Flow Designer](#) getting retired next release.
- Remember those "templates" that did nothing last release ? [They do stuff now](#).
- [You can reference Custom Metadata Types in Process Builders](#)
- Salesforce REALLY updated their help page for Flow Considerations. [Worth a read](#)

## COMMUNITIES

- [Communities Users can now create reports](#). If they had permission to view reports before, of course. This isn't a license change, it's a feature addition.
- [Mass Actions](#) now available in communities.
- [Partners can send email from cases](#) meaning you can have a low-cost low-feature service cloud offshore hub with this now.
- [Navigation Changes](#)

## REPORTING

- [Reports now can send notifications about criteria being met](#). Some weird workflow-report baby monster... but a cute one.
- [Salesforce is now Excel](#) by which I mean you can do row-level formulas instead of grouping-level. Beta feature. Lightning Only. Needs to be enabled.
- [Historical Tracking](#) now in LEX

- [Conditional Formatting](#) is now GA.
- [Resizing column width in Dashboard Tables](#) is now possible thank god. AND YOU CAN GROUP BY MEASURE OMG

## ANALYTICS

- Finally making Dashboards easier to use when embedded on a Record Page with the [ability to easily filter to the current record](#).
- [VERSION TRACKING IN ANALYTICS!?](#) Wh...why has this taken so long?
- [There is a list of fields available when editing SAQL now](#), just incase you forgot the field called Oppty.Current\_FQ1\_Weighted. Oh and they made some text white.
- Who would have thought easily [sorting your data in an analytics tool](#) would take FOUR YEARS TO IMPLEMENT, but hey, it's here now.

## DEV

- You can set [Checkpoints and lower batch size](#) for Platform Events Triggers. Short version is you'll hit limits less and can replay stuff.
- [LWC can now subscribe to events](#)
- [LWC usable in Visualforce pages](#)
- [Process Change Event Messages in Apex Triggers](#)
- [Debug log max size increased to 20MB](#)
- Aura and LWC [now support declaring for factors](#) meaning you can explicitly optimize for different devices
- New [API Call in JS re: console](#) including a way to see if an element is popped out.
- [Encryption now allows case-insensitive queries](#)
- Oh and minor extra but Prettier [is now integrated in the Dev Console](#) to format your stuff. Isn't that cute yes it is eventhenameiscuteomg

## LAUGHING, CRYING, WHAT'S THE DIFFERENCE

- We normally don't cover Pilots, but [Salesforce is piloting muted permissions in Permission Sets](#). This may not seem like much but it goes against EVERYTHING that Salesforce has ever pushed regarding security configuration. If this goes live, make sure you only use this in specific instances, and document it thoroughly.
- As long as we're on Pilots, the way [dates are handled](#) will change. Read up, devs.
- Salesforce [keeps context when changing from Classic to LEX](#). Manly tears were shed. Womanly tears as well. Tears, tears of joy everywhere.

- The old [Territory Management](#) is getting retired - and nothing of value was lost. Also the new territory management [is in LEX](#) now.
  - Yo we put [Classic display in your lightning](#) so you could classic when you lightning (beta featue). [Samesies for the Activities display](#)
  - [Currency Field now displayable in Accounts and Opps](#). To quote @henry #6864, "It only took ten years lol"
  - I... er. What ? [Wut](#).
- 

This abridged version was graciously written up by the **SF Discord** <https://discord.gg/8J5mvX7>

We have a "website" now: <https://sfxd.github.io/>

# Spring '19 Abridged

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The Salesforce Discord Collective Presents:

## **THE SPRING 19 RELEASE NOTES - ABRIDGED**

As Exciting as the new Samsung WV9900 release

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### **CRITICAL STUFF**

- [LEX will be enabled for all orgs starting Winter20](#). If you follow best practices (you're not using standard profiles, and people that have a custom profile that don't need LEX have the permission for LEX turned off), this is of no matter to you. Otherwise, well, now you have a reason to start following best practices.
- [Aura will probably be deprecated](#). Yes, seriously. [Lightning Web Components](#) are the future, deal with it.
- [Base Data Storage increased from 1GB to 10GB](#). This is BASE storage, not per-license storage.
- [New Flow Builder is out](#). Goodbye Flash, hi HTML5. Also looks better, is cleaner, and is generally awesome, but who cares, THERE'S NO MORE FLASH
- [Force.com IDE is retired in october 2019](#)

### **GDPR RELATED**

If GDPR is important to you, you should read the entire "[Email Experience](#)" section.

TL;DR:

- New "[Enforce Email Privacy](#)" setting to enforce Don't Market, Don't Track, Forget this Individual, or Don't Process requests.
- New Permssion "[Send Non-Commercial Email](#)" to prevent sales from violating GDPR
- New [Email Statuses](#) to ensure GDPR compliance
- [MOAR DATA PRIVACY OBJECTS](#)

### **GENERAL STUFF**



- Forecasting gets some changes, with [customizable forecasting](#) being retired, as will be the old [territory management](#) feature. Loads of [minor updates](#) if you're using the new Territory Forecasts.

## SERVICE CLOUD

- [Einstein predictions coming to cases](#)
- Einstein Bots can be [trained](#) now, and also are available via SMS thanks to [Livemessage](#)
- [Snap-ins](#) got a [few updates](#) that don't change much but make it something really nice. Migrating to Snap-ins from LiveAgent Buttons is recommended.
- [Email Draft Approvals](#) are now a thing in Lightning. This was only available in Classic before.

## MARKETING

- Pardot allows you to choose which records are synced to [Salesforce](#)
- [Pardot Connector](#) and [Initial Setup](#) got a facelift
- Pardot allows you to use any tracking domain for [Vanity URLs](#)
- Reports now support [Conditional Formatting](#)
- [Joined reports now in LEX for everyone \(was beta\)](#)
- [Historical tracking](#) is now available in LEX

## COMMUNITIES

Tons of small quality of life updates.  
Like literal tons.

If you're a big communities user you should [read the appropriate section](#)

- If you have a Google Cloud Translation API key, you can now display [auto-translated posts/comments/etc](#) in your community for your users. Neat. Only applies to FeedItem-related objects.
- [Gamification](#) now available for your users
- [Lightning Web Components](#) are available for communities as well. Don't know about LWC ? Read the "Critical stuff" section
- [Inline surveys](#) allow you to see if your community content is any good.
- ~~[Better Google Analytics integration for audiences](#)~~. Nope, not part of the release anymore...

- Sharing Sets now available for [Accounts, Campaigns, Orders](Use Sharing Sets with Campaigns, Opportunities, and Orders (Generally Available) and [Contacts that have multiple accounts](#))
- You can track how much a file is [seen and downloaded](#).

## LIGHTNING

- [You can pop out Utilities](#) in the console. Only works with standard utilities. Nice gimmick, nothing to whip a cat about.
- Subtabs in console have a menu now, and you can make a subtab a main tab. Yay-ish.
- Minor updates for parity with classic related to [record transferring](#) and [teams](#) which are literally “wow why couldn’t you do that before?”.
- You can sort [LEX Email templates](#) in nested folders now
- Events in LEX caught up to early 1990’s online tools, with [recurring events](#), [public calendars](#), and... [file sharing](#). Much wow, such feature, nice release.
- [Lightning Knowledge Migration tool](#) is now GA, meaning it’s easier to get to that new version of Knowledge if you were a previous user in Classic.
- [The Lightning Converter now tries to resolve issues with your Classic VF Pages, or gives you advice to fix them.](#) yay.

## CPQ

If you use Avalara for Salesforce Billing, do not upgrade to Salesforce Billing Spring '19 without following [these instructions](#) .

- You can now [Download Quote PDFs](#) from the quote preview page.

## EINSTEIN ANALYTICS

- Dataflows can be set to [run on event-based scheduling](#) rather than a time-based schedule! This should be a great way to blow through your 24-hour Dataflow sync limit, but they also [increased 24-hour Dataflow limit](#) from 50 to 60. Not a huge change this release but it has doubled from 30 since this time last year.
- Need help troubleshooting why a Dataflow is taking so long to run? Well, this [new feature](#) isn’t that! Set Analytics up to send you an angry email if a Dataflow takes longer than a predefined amount of time to run! Let me tell you, this is *super useful* /s
- [Combo Chart Upgrayedd!](#) (too old of a reference? I’m sticking with it...) Ability to specify if a measure is a bar or a line and a bonus of being able to stack the bars! Sounds minor but is a pretty significant change to this chart’s usability.

- [Einstein Analytics Classic \(Wave 1.0\) is being retired for good](#). In July 2019 all existing Wave 1.0 Dashboards will be disabled. Go ahead and start clicking that “Convert” button and watch the Dashboards explode because that button has never worked.

## DEV

- The [LEX Console API](#) is now at parity with the standard console API
- [Communities now support lightning-navigation](#), which helps you avoid broken navigation if Salesforce changes URL formats in the future.
- [Lightning Container Components](#) (Yo salesforce, might want to fire the person naming these things - confusing much?) allows you to [embed React, AngularJS, or whatever](#) other component in communities.
- You can [auth users via a cert](#)
- New way to [Enforce FLS in SOQL Queries](#) (beta)
- Visualforce View State Limit [increased to 170KB from 135 KB](#)
- [VSC now allows you to rename symbols](#)

## BUGFIXES

- Fixed a bug where [Hyperlink Target Value](#) was ignored in LEX.
- Fixed an inconsistency where Community Plus users [would always see cases they are a contact of](#) despite sharing saying otherwise
- Fixed that bug where [Processes would go “OMG NOOOOOOOOOOOOES”](#) when you referenced a field from a parent record without checking if the parent exists. Though if you’re using the new [Conventions](#) you should actually do that check in the Triggering PB anyway.

## LIGHTS ARE ON BUT NOBODY’S HOME

- Remember the Cloud Scheduler, where you could offer appointment slots ? Well [it’s back](#) as Lightning Scheduler. Available if you pay, and only for enterprise and Performance editions. Literally Pay2Win.
- Process Builders now [have templates!](#) ... Oh wait, no, they added a checkbox in the metadata so you can say “is template”, but the checkbox does nothing. Eh, just ship it, it’s not like your users are used ot using metadata...
- New [Flow Type](#) to let users request help... They literally created a new [object and matching permissions](#) for what is a glorified LiveAgent chat start.
- Tests can now test process [Scheduled Actions and Resume Events](#). “Declarative stuff done by an admin” but testing is done in code, shit never goan get used ayyy lmao

## DIDN'T QUITE MAKE THE CUT

- [BigObjects](#) can now be created from the setup, instead of the metadata API. The day they remove the need to use Async APEX to feed data into BigObjects is the day I push that update to “Critical Stuff”. Still cool as hell.
  - In Sandbox only, [you can see references to a field before editing it](#). The day they push THAT to GA is going to be a damn celebration by all admins.
  - [Sandbox Email Adresses](#) change format. Not super major nor interesting... but if you're a dev and you're waiting for that =[example.com](#) you're going to have a bad time.
  - Password complexity is [better handled now](#)... finally.
- 

Addendum: I think this is the last time I split LEX into a different category.

Most features now are LEX-only and LEX will be activated for everyone in one year anyway.

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This abridged version was graciously written up by the **SF Discord** <https://discord.gg/JG4Bc4q>

We have a website where we host best practices and other resources: <https://sfxd.github.io>

And we're also present on LinkedIn, where we post these release notes:

<https://www.linkedin.com/company/sfxd/>

# Winter '19 Abridged

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The Salesforce Discord Collective Presents:

## **THE WINTER 19 RELEASE NOTES - ABRIDGED**

May contain nuts

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### **CRITICAL STUFF**

- [Salesforce For Outlook is slowly being retired](#) and [no future patches are planned](#). All admins should schedule a migration to Outlook Integration or Lightning Sync ASAP.
- [Salesforce will now enforce the 18-month retention policy for history tracking data](#). This limit was previously unenforced. If you report on older data, act now to preserve it.

### **THANK GOD**

- [YOU CAN CHANGE DENSITY SETTINGS IN LEX](#) looking at a record page is no longer a russian winter snow simulation
- You can finally [change multiple owners in Lightning](#). 2 years after the LEX Launch, they've decided it was time to add one button to rule them all.
- [Dev hub available in Dev and Trial orgs](#) start playing with SFDX :)

### **LIMITS**

- Limits for number of flows, number of processes, and number of waiting interviews, have been [severely increased](#). [Automate All The Things](#)
- There seem to be [new entitlements for Flow Interviews per org](#). The wording makes it seem like these limits did not exist before. You may want to keep an eye on your usage and ring up Salesforce support if needed...

### **GENERAL STUFF**

- You can [enable the Akamai CDN](#) to load lightning experience fast as the wolves of icewrack.
- You can [prevent users from switching back to classic](#). Remember to throw them clean water in their cell.

- They added a [search bar](#) to list views. If you type in that, the global one, AND open a lookup field open, you could search while you search your search.
- Salesforce Surveys get better, but are still a less good GetFeedback.
- Service Essentials now boasts CTI and a dumbed-down community. Starts looking like a fair option for small companies.
- Flow Screens got [a shit ton of small quality of life adjustments](#). Toggles, Dependent picklists, sliders for number values, email and phone validations...
- [Salesforce Actively pushing the 1 Process per object structure I TOLD YOU SO](#) (he yelled to no one in particular)

## SALES CLOUD

- If you use collaborative forecasting and Enterprise Territory Management, [the two are now compatible](#)
- Forecasts in general suck less with [better navigation](#) and [sharing](#). [Territories](#) get a lot of real small upgrades as well.
- When you switch opp owners, you can now [retain edit rights](#) on that opp. It's particularly interesting because this could be a new trend accross objects...

## SERVICE CLOUD

- [Einstein Bots can now use autolaunched Flows](#). This looks ridiculously awesome.
- [LiveMessage](#) gest a few updates including Facebook Messenger connections.
- [You can access LiveAgent Setup in LEX](#).
- [Route Work to Agents Using Both Queues and Skills Simultaneously in the Same Org](#). I mean their title is perfect, not going to rewrite it.
- [Skill Based routing](#) beta now also available for liveagent
- Guided Actions renamed to Lightning Flows for Service, with minor updates.

## MARKETING

- [Pardot is now in Lightning Experience](#) - hopefully you can stop being logged into two apps the entire day.
- You can [Sync pardot campaigns with SF now](#)
- [Joined Reports in Lex \(beta, limited\)](#)
- [Report Subscription is now something that makes sense](#) Basically you can subscribe other people. Spam Marc with ALL the Marketing Reports. He'll Love it. Hey Mark ! You see that report of all leads from all time ? You're subscribed daily now !

## COMMUNITIES

- [Sharing Sets now valid for all community license](#) you can breathe easier, Community Plus license holders. [Sharing sets](#) also got [better](#).
- [New Template called Help Center](#) Basically what old Kokua was - requires Knowledge to activate. Ironic, because [Koa and Kokua got killed](#) in this release.
- Guest Users Will be able to access [Flows](#). WILL be. It's not available upon release.
- Akamai CDN activated by default for communities. Faster loading times yay.

## LIGHTNING

- You can [Use Kanban](#) on the Recently Viewed lists. *nice*.
- The Lightning Usage App [is now better](#), giving you stats about where users switch back to classic, page load times, per browser, etc.
- [They remembered Console Users also need to edit browsable tabs](#)
- [List View Sharing In Lightning](#) because migrating features that are more than 10 years old still requires celebration.
- [Why ?](#)
- Email Opens now tracked in the [Activity timeline](#) of records. Nice.
- You can [schedule recurring events](#) but it's still in beta. Small Indie Companies can't reinvent everything, recurring events are hard...
- [Filter Component Visibility via Permissions](#) This is actually REALLY AWESOME.

## DEV

- Salesforce, for the second release in a row, actually delivers something you care about, and implements the `System.callable` interface. To quote the RN, '[the Callable interface allows integrations in which code from different classes or packages can use common base types.](#)'
- Apex Methods can now be [Cacheable](#)
- [VSC can now connect to existing orgs](#), not just scratch orgs (beta)
- You can fetch images over HTTPS now with [IMAGEPROXYURL](#), and isolate [third party content via Iframes](#). Salesforce likes you isolated, and if it doesn't have to look at you. So sweet...
- [Class sharing](#) can now be `inherited` from a parent class
- [New components](#) including beautiful maps using google maps.
- Minor change that's a huge QoL: you can [edit custom metadata records in memory within Apex](#) meaning you can calculate a result, use that in your code as-is, and then commit the result via async api - instead of waiting to see if the async job had completed so you could

resume operations.

## **ANALYTICS**

- Not going to lie, Einstein Analytics got a damn fair share of upgrades this time around. If you use Einstein Analytics, [Read the release notes section](#)

## **OTHER STUFF**

You can [warn](#) users they're leaving salesforce, [opt-out](#) of My domain without an instance attached, [toggle stricter CSP](#) instead of just activating it, and [I guess this is nice enough...?](#) to finish on.

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This abridged version was graciously written up by the **SF Discord** <https://discord.gg/JG4Bc4q>

We have a "website" now: <https://sfxd.github.io/> with our beautiful new logo thanks to Aki we love you man ♡

# Summer '18 Abridged

The Salesforce Discord Collective Presents:

## THE SUMMER 18 RELEASE NOTES - ABRIDGED

Featuring Jokes, Sarcasm, and actual cool features

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### CRITICAL STUFF

- THEY ADDED A CASE/SWITCH STATEMENT TO APEX. All developers in the world cry in joy. Angels rain down from the sky.
- If you have LEX enabled but are not using it, you might want to review your "Set Up Users" tab if you [don't want your users to be switched to LEX automatically once a week](#). No I'm not kidding.
- [New URL format](#) is live.
- Shield Data at Rest encryption available for more stuff, including emails and FSL workorders and workorderlineitems.
- Community: Update Your `<h1>` Tag Overrides to `<h3>` for Topic Detail and Search Results Article Title, and Update Your Overrides for Some Lightning Community Components
- Flows: Enable Flow and Process Queries to Execute in Batches (Critical Update)
- Retirements: Files Sync, Chatter Desktop,

### GENERAL STUFF

- You now see field dependencies on the [record edit page](#).
- Salesforce Essentials gets Process Builder and Flows
- Paths support dependent picklists now =D
- If you have Enterprise or Performance, you can run Duplicate Jobs on custom objects. Hopefull yOpportunities are coming soon(tm).
- There's a Lightning Knowledge migration tool now. It's in Beta. If you're using the old knowledge, keep using that for now.
- Einstein analytics gets connectors for SAP Hana and Windows Azure SQL Warehouse. Also max number of replicated objects upped from 50 to 100.
- You can [rename your SF domain](#) :) That said, [My Domain URLs change in Sandbox](#) (Critical Update), you might want to check that out.

### FLows AND PROCESSES

For once these deserve their own section

- QUERIES WILL BE BULKIFIED. WOOT.

- Flows now have a [GUI debugger](#) where you can set variables and stuff.
- [Process builders now give nice errors!](#) This makes them slightly less unbearable to use at large scale.
- [Record Create and Record Update actions no longer fire with the ALL-OR-NONE header.](#) This means that only the records that couldn't be created/updated will fail now, instead of all records in the DML.
- [Working with Collection Variables now suck less](#), with new operators like COUNT, Remove Common, Remove before First, Add at Start. Fewer shit loops just to count collections!
- Same link as above: if you're not using Stages yet, you should look into them.
- [impl guide](#) allow dynamic launching of Flows based on channels & records and stuff. Combined with Stages, this looks COOL. AS. FUCK. Here's the [impl guide](#)..
- You can use Lightning Components as Flow Actions (GA)

## LIGHTNING

- You can modify PersonAccount page layouts and stuff in LEX.
- You can drag and drop calendar elements in LEX to update them now. How very 1999.
- [List view filters in LEX suck less](#)
- Lightning Report Builder now GA ooooooh yeah.
- Joined reports in LEX (beta, needs admin setup)
- New Run page (beta, needs admin setup)

## SALES CLOUD

- For our Contacts to Multiple Accounts lovers, [Lead conversion has been improved](#).. Also somewhat improves opportunity creation on conversion.
- Schedules now available in LEX. No limitations apply, for once.

## SERVICE CLOUD

- [Salesforce now has automated answering for Live Agent](#). Called Einstein Bots, they are available through LEX setup only (but work server-side, so you can switch back to classic afterwards) and seem to require use of [Snap-Ins chat](#) instead of standard LA buttons. More info needed. Help page should be [here](#) after summer18 comes out.
- You can Set Default Email Field Values with Apex in Lightning Experience. Their title is clear enough :)
- Omnichannel Skill-based routing is GA. Still can't route chats or SOS with skills-based routing though.
- [Snap-in chats](#) get new features, and seems to be the future of LiveAgent to some extent.

## MARKETING

- You can create HTML templates in LEX. These HTML templates can be edited by users. [Life is sweet and documented](#).
- You can send Emails to a Campaign from LEX via a button. Why you would do this rather than use an email cannon like Mailchimp or a real solution like Marketing Cloud is beyond me.

## COMMUNITIES

- If you use FSL and Snap-in chat, your customers can now book an appointment with you. Nice.
- you can now Update, add, delete, and track library members all from one place. This feature is available in Lightning communities, accessed through Lightning Experience. Also modifiable via Files home.

## DEV

- As said above, Case/Switch ! woo.
- COUNT() no longer a huge waste of resources
- Apex usage limit increased
- [New ENUMS](#) Auth.VerificationMethod and System.TriggerOperation
- You can refresh a LEX tab through new [JS api calls](#)
- Lightning Component Library Is Generally Available - <https://developer.salesforce.com/docs/component-library>
- Apply Lightning Experience Stylesheets to Visualforce Pages (Generally Available)
- \$CustomMetadata Global Variable
- [Second Generation Packaging](#) is coming

## WE'RE ALL VERY IMPRESSED

- They added Topics for Objects to LEX. We're all very impressed, esp without support for reporting or list views.
- You can use Sharing Sets with all community licenses now. Not like that was a blocking feature requested [3 years ago](#) already.
- They added Paths to two more objects. Code's so spaghetti this requires celebration.
- A new GDPR [help page](#) for your marketing team to read.
- Trigger Custom Application Logic When Users Log Out (Beta). Finally you can force all Oauth sessions to close. And delete all of Karen's data after she logs out. You know why, Karen.

## Addendums due to changes before release:

## GENERAL STUFF

- You can Override the New Event Button on the Calendar in Lightning Experience. Only overrides with a Lightning component to customize the action. Action must contain ONLY standard fields. Only replaces the button, not the actual action, so other places where the action is shown uses the standard one.
- Custom Buttons Used as Actions on Page Layouts Can No Longer Be Deleted Prevents corruption. Generally happens when you had a button, you put it in LEX, then you deleted the button and didn't realize that the page layout still referenced it.
- Scanned PDF Previews in Files can now be set to display either as SVG (standard) or JPG.
- For anyone who has the EinsteinBuilderFree license, [Einstein Prediction Builder](#) allows you to try your hand at AI without coding.

You can test it by signing up [here](#)

- RSSBot spoiled this one for Discord Users but Convert JavaScript Buttons to Lightning-Friendly Alternatives With the [Lightning Experience Configuration Converter](#)
- All Groups and PE Orgs created after Summer 18 are LEX Only and will require SF support to activate Classic
- Einstein Activity Capture free with Sales Cloud

## **PARDOT**

- - Permanently Delete Prospects has been activated for all orgs, instead of going to the recycle bin.

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This abridged version was graciously written up by the **SF Discord** <https://discord.gg/JG4Bc4q>  
We have a "website" now: <https://SFXD.github.io/> it doesn't contain much more than a link to Discord but we're proud.

# Spring '18 Abridged

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The Salesforce Discord Collective Presents:

## **THE SPRING 18 RELEASE NOTES - ABRIDGED**

Featuring Jokes, Sarcasm, and actual cool features

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### **GDPR THINGS**

- Salesforce now has a dedicated help page for compliance ([https://help.salesforce.com/articleView?id=data\\_protection\\_and\\_privacy.htm&type=5](https://help.salesforce.com/articleView?id=data_protection_and_privacy.htm&type=5))
- Salesforce has a new standard object which stores "privacy preferences". Does not come with any standard automation. Works with the Individual object. Search for Data Protection and Privacy in setup to play with it.

### **CRITICAL STUFF**

- LEX Changes its URL format. Critical Update planned for next release. Update anything relying on URLs. ([https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn\\_general\\_enhanced\\_urls\\_cruc.htm](https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn_general_enhanced_urls_cruc.htm))
- Salesforce Surveys is now GA. If you're a consulting firm stop selling GetFeedback... Because SF Surveys REALLY looks like getfeedback.
- STOP SELLING DEDUPLICATION SOFTWARE. SF now has a standard "Duplicate Jobs" which will run on your existing DB and merge duplicates. Available on business or person accounts, contacts, or leads.
- OMNICHANNEL NOW SUPPORTS SKILL BASED ROUTING. Much wow, such flexibility! no really this is going to change a lot of things. No more idiotic queues per skill/language/whatever. Just nice features. (That were developped years ago by all their competitors.)
- JWT Token Is Now Longer
- Use without sharing for @AuraEnabled Apex Controllers with Implicit Sharing (Critical Update)
- API Access for <lightning:container\* Apps Is Revoked (Critical Update)
- Remove Instance Names from URLs for Visualforce, Community Builder, Site.com Studio, and Content Files (Critical Update)

### **GENERAL STUFF**

- Email Message, Folder, Return Order, Return Order Line Item, and Survey are searchable. The main one is EmailMessage. If it's shared across what they put on "Service", here are the indexed fields for emails: Bcc Address, Cc Address, From, Address, Subject, Text Body, To Address, All custom fields of type text, text area, long text area, rich text area, email, and phone.
- Lightning Dialer gets a Call Monitoring feature in beta.
- Integrations for both O365 and google got a few updates. Nothing major apart from creating records from unknown addresses.
- Salesforce stole reddit terminology and is now using upvotes ([https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn\\_networks\\_updown\\_count.htm](https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn_networks_updown_count.htm))
- Quip can now be integrated for Files
- It seems you can now use lightning components in Flow Screens ! That's going to look super nice. ([https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn\\_forcecom\\_flow\\_lc\\_screens.htm](https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn_forcecom_flow_lc_screens.htm))
- You can upload Files through a flow :D :D
- Include Encrypted Fields in Skinny Tables (Generally Available). Good news for our big data buddies

## LIGHTNING

- ... you can finally customize your own navigation in lightning. Let's take a moment to celebrate that LEX is no longer 15 years behind classic. woo :party:
- you can also theme LEX now! They really all-out to feel like a mid-200's web-app.
- Quick Text and Macros are now available in LEX for "most" objects. No documentation linked so we'll need to play with this ourselves.
- They're REALLY pushing Einstein this release. there's a new Readiness Assessor in the setup you can check to see if your org is ready for Einstein, and loads of updates on Einstein itself ([https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn\\_sales\\_einstein.htm](https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn_sales_einstein.htm))
- Paths now available for Accounts, Campaigns, Cases. Also not limited to "Status" and "Stage" anymore for standard objects.
- THEY REMEMBERED ACCOUNT HIERARCHY EXISTS. Congrats SF!
- Lightning report builder a bit better. Still does not handle: Joined reports, Row limit filters, Dashboard Settings menu
- you can now show or hide components in record pages, the home page, etc.

## CONSOLE

- Lightning Console Sucks less and closes the feature gap with classic a bit more : web tabs, CIT methods now available, and you can now detect the style of the console you're being displayed in as a VF.

- flows can now be executed as tabs in a console and tied to a record ? Need to investigate, docs unclear.

## **SALES CLOUD**

- There's a new linkedin integration relying on LinkedIn Lead Gen. Let's see if this one lasts more than two years...

## **SERVICE CLOUD**

- You can now insert Knowledge Article contents in Emails. I know a few customers who will be happy...
- Field Service now tracks returns.
- Macros no longer look like you need to install GreaseMonkey and know powershell to execute them.
- Same search update and path update as above. Cases get path, emails can be searched, woo, happiness.
- Omnichannel supervisor now better and LEX compliant
- You can now use WFs and Triggers on Agent Work and Service Presence. Finally some flexibility on when agents accept an item and what you can do thereafter!
- Assignment rules now also route Social Customer Service Cases. Why that wasn't the case (get it?) before is beyond me.

## **MARKETING**

- Beta: connection between pardot campaigns and salesforce campaigns available.
- Communities & Marketing Cloud integration via Journey Builder for Communities.

[https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn\\_networks\\_jb\\_ga.htm](https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn_networks_jb_ga.htm) @tibo

## **COMMUNITIES**

- New case deflection components
- Set Different Login Policies for Salesforce and Community Users (Beta)
- Login as Community user now a pain in the ass security wise. (

[https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn\\_networks\\_security\\_auth\\_login\\_as.htm](https://releasenotes.docs.salesforce.com/en-us/spring18/release-notes/rn_networks_security_auth_login_as.htm))

- New libraries component for viewing files in a nice way :)

## **DEV**

- Apart from the critical stuff, some new objects and API changes as usual. Really not much to skin a cat about.

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This abridged version was graciously written up by the **SF Discord** <https://discord.gg/6eQFVUv>

# WINTER 18 RELEASE NOTES

## WINTER 18 RELEASE NOTES

- THE ABRIDGED VERSION- NOW WITH MORE JOKES AND SARCASM

## CRITICAL STUFF

- SALESFORCE DX IS NOW GA OMGWTFBBQ
- The Salesforce CLI Also wooooo
- LEX changes how it looks. More data per square centimeter, less whitespace, and a nice background. No, you can't change the background.
- LIGHTNING REPORT BUILDER IS OUT (in beta). nice interfaces for reporting yay. Still can't do Joined reports, though...
- Enabling Person Accounts is now "streamlined", meaning they now make you check a checkbox before actually logging a case.
- We can activate multicurrencies without Support now, though, so that's nice
- Process Builder Events! Start process builders swhen "events" happen. (see documentation, can't summarize that)
- CUSTOM SETTINGS NO LONGER SUPPORTED IN LEX LIST VIEW COMPONENT.
- SAML Signing Certificate Has Been Retired

## GENERAL SALESFORCE THINGS

- The lightning readiness check is a bit more awesome. Tell your clients about it if they want to migrate.
- Global search now allows you to find stuff even if you misspell it. They finally got to where Google was 15 years ago.
- Einstein Lead Scoring is available in Classic now.
- Einstein Activity Capture is now available for Exchange
- Lightning Gmail sync is now better and offers two-way event sync
- Release notes now have a Marketing Cloud section ! .... but it just links to the Marketing Cloud ones. Sorry
- Skype for Salesforce is now GA.
- Flows are now translatable without doing all that customlabel+formula shit.
- a new "Time" field type (BETA). It stores time, but it won't save you time. I would make more jokes but i'm out of time. Can someone create a field ? :smile: LIGHTNING
- They updated Lightning Console Apps. They still suck though, and don't have things like notifications. Don't put Service Clients in LEX unless you know exactly why.
- "Navigation Rules" allow you to load, in LEX Console view only, all the related records of a record. maybe that's useful ?

- Lightning now has keyboard shortcuts. RIP Chrome extension.
- we can now mass edit records in LEX in list views, and apply changes to up to 200 records at a time
- we can merge personaccounts now.

## SALES

- updates for Campaign Influence multiple campaigns per opportunity, etc.

## SERVICE

### A. LEX

Current general status: to study. Updates are starting to make LEX somewhat service compatible. still very bleeding edge though.

- Milestone component is live now, though, so yay for that :p
- Live Agent is also LEX compatible now
- they also added Macros
- Community 360 is live. Basically a lightning component that allows you to see a customer's activity in communities.
- Lightning Knowledge seems to be getting more awesome. Now has embedded videos and stuff.

### B. CLASSIC

- Omnichannel now has a Custom Requested DateTime field. It should be used to prevent a case going back to the end of the queue when being rerouted after an agent has refused a case for example. But, Seeing as Omnichannel assigns older elements first, this means that you could Theoretically use this field to prioritise omnichannel work items coming in by arbitrarily giving them an older timestamp than reality... Need some time to play with this.

## COMMUNITIES

- Setup is more thorough when creating a new community.
- UI Improvements and changes.
- Dynamic branding is here ! One branding per Audience!
- Partner Central is online. It's a partner portal but more beautiful.
- Communities support Path components.
- New Community type: Customer Account Portal.
- FINALLY we have a "Blank" community template so we can host pages behind login screens easily.
- CMS Connect supports Drupal, SDL, Sitecore, or WordPress.

- You can use custom fonts in a community, Salesforce offers a free CDN for communities, more stuff can be customized in the Builder, etc.
- You can embed Flows in Communities. Oh Yeah.
- File Sharing with communities became "easier" ? We should be able to set visibility on upload now. To test. No info about Lightning Experience.
- YOU CAN MANAGE COMMUNITY LICENSES AND LOGIN AS COMMUNITY USERS IN LEX. WOOOOOOO THEY REMEMBERED ABOUT FEATURES.
- Supposed Enhanced Changeset support. Actually sucks. Don't use it.

## DEV

- new Lightning Component Library (beta)
- improvements to the lightning framework as usual
- new FindDuplicate methods. They find duplicates.
- updates to test classes, with parallel running.
- User Interface API is now GA

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This abridged version was graciously reposted from the SF Discord <https://discord.gg/6eQFVUv>