

# Winter '24 Abridged

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The [Salesforce Discord Collective](#) Presents:

## **THE WINTER 24 RELEASE NOTES - ABRIDGED**

I'm sorry, as a Large Language Model, I do not have access to the latest Salesforce Release Notes.

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### **CRITICAL STUFF**

- I hate that I have to put this in "Critical" but [hypeland](#) is real so: there's [a few early AI products hitting the ground](#). Biggest winner is [service](#). If you don't read it, their [AI research blog](#) is pretty darn cool. For the major part of [Generative AI](#) products, I'm betting on some public releases in 6 months or so at least, due to the fact we all handle CRM data, which is [minorly regulated](#).
- Critical because big change [but not severe Contact](#) and [Lead](#) home now don't just display list views, but give you "[intelligence](#)" about contacts, which is great if you like the new display (and use Activities...). [Service Intelligence](#) is the same concept for cases.
- Einstein Activity Capture can [finally get reported on in standard reports](#) and [some Email features are now free](#)
- DataWeave in APEX is [now live](#) and [viewable in the UI](#). This fundamentally changes best practices for data [transformation](#) in APEX.
- APEX Lists now [support comparators](#), also have a new [iterator definition](#), both of which also changes best practice regarding how you compare stuff in APEX. you won't have to [code your own](#) now.
- All customers [get Free Maps Lite](#)
- bla [MFA enforcement](#) bla, [this video](#) is for you if you're not ready yet.

### **GENERAL STUFF**

- In their quest to have [as many A records as possible](#), Salesforce is moving Setup to [another domain](#) (and adding more [partitioned domains](#), add it to your allowlists)
- Salesforce [changes icons again](#) after [fucking up High Contrast mode for all users](#) last release

- Taking a leaf from [its own playbook 6 years ago](#), Salesforce now [displays all Objects and fields on a single page for Permission Sets](#)
- QoL updates for Permissions: PermSetGroups now have a [recalculate](#) button to help you [diagnose mismatched permissions and errors](#) linked to incompatible perms. You can also [report on assignments](#) for both permsets and groups, as well as see in [how many PermSetGroups](#) a Permset is used.
- API Name are now [visible on PermSets](#). Maybe one day they'll even let us [search for fields or objects by API Name in the setup](#), who knows ?
- Dynamic Forms are available on [Mobile](#) and [most standard Objects](#) (excl Campaigns, Products, and Tasks).
- You can [report on AccountShares](#). You might ask "why accounts", the reason is "[they can't report on Custom Object Shares and each Object requires work to bring to these reports](#)". TL;DR enjoy AccountShare reports, don't expect more  reports to come out the [woodwork](#) though.
- [Mass Quick Actions on Related Lists](#) are still here (were beta last release, and still only support Create/Edit record for now, will support stuff like Flows later)
- You can now chose [who can access a sandbox](#) for when you have proper project governance ~~~and want to avoid people logging in to change whatever they want because they think it's a good a idea to delete a field or something because they don't like it who knows~~~
- [Email Deliverability](#) gets more details, [filters for logs](#) and [inbound + outbound logging](#)
- Dashboards can now have their [ownership transfered](#) which means you don't need to clone or rebuild dashboards when you realize that user that created them has [left the company 5 years ago](#).
- [Quick Actions in Experience Sites](#)
- Service gets [Cross-lingual Intent Models](#) but I'm not sure how much I'd [invest](#) in Intent building in the current race to LLM-powered chat, though [Conversation Mining](#) does solve some of that.
- Omnichannel [gets enhanced](#) if you turn it on, gets [better ui](#) (\*\**opinions may differ*) and [better backend](#), requires you to [not use "standard" Channels](#)
- A Release Update [prevents redirection between salesforce orgs unless CORS is set](#)

## MESSAGING FOR IN APP AND WEB (LiveAgentv4.0)

- Present [T&Cs](#) even before Chat has started, also [throw LWCs in there](#), hell [start a Chat via API in your JS](#)
- You can collect [Secure Information](#) via securized forms in MIAW

- [Send Conversation](#) allows you to send Notifications in MIAW (the replacement for LiveAgent), also [allows sending messages from records](#)
- Transferring Messages [now better](#), also supports flows

## FLOWS

- Flows now have a [Transform](#) element, allowing you to [cast data to various types, use formulas to transform them](#), etc. The skill floor is getting [higher and higher](#) for Flows, to the point where learning APEX might just be simpler [:kek](#):
- [Reactivity](#) is now out of beta, supports [Global Variables](#), [Selections](#), [more Formulas](#), [Display Text in Beta](#). Make great screens today :D
- You can use [wait elements](#) in schedule-triggered flows, autolaunched flows, and orchestrations.
- Flow Screens [retain values](#) and also refresh when you [revisit](#) or have an error etc. GREAT QoL change.
- [Record Triggered Flows](#) now support [Custom Error Messages](#) :D to avoid defaulting to the big [GACKS](#).
- [Data Cloud Events](#) can now trigger Flows, and Flows can get [data from Data Cloud](#).
- [HTTP Callouts](#) now GA.
- Amongst the rare Release Updates that still happen, the [user context staying the same after a Flow Resume](#) one is pretty impactful and will be activated this release, if you abused privilege escalation behavior.
- A bug introduced in Winter24 requires you to [Remove isAccessToInvokedApexRequired, isFlowApexContextRetired](#) from `Flow.Settings` metadata if you don't want deployments using `sf` or `sfdx` to fail.

## DEVELOPMENT

- DevOrgs [no longer support sms authentication](#), using U2F seems to be the easiest way for devs to go forward if you have tons of orgs.
- [External Client App](#) are basically connected apps but packageable and deployable, seem to [now be available](#)
- LWC now support [Dynamic Imports](#), which TL;DR lets data drive which component to use. Note the performance overhead indicated in the notes, because...
- The [LWC Workspace API](#) allows you to programmatically open, close, refresh, and otherwise modify tabs in a Console environment.
- LWS [virtualizes CustomElementRegistry](#), which ties to your ability to [use Third Party Web Components](#) (with heavy limitations, between ECMAScript exclusions and Experience

builder exclusions), but does in fact highlight a future of heavy customizations

- Custom Property Editors [now available for non-LWR sites](#)
- [Component-Level API Versioning](#) now allows you to have more tech debt instead of properly using release cycles or Release Updates. Bad Admins rejoice.
- Event Monitoring now follows [Insufficient Access](#) cases, but only for account, case, contact, and opportunity. Salesforce does love Object-specific development. EM also gets [Component Level Monitoring](#) which is nice due to the other releases
- The usual Web Standards changes lead to [DOM Structures changing](#)
- CSS scope tokens [change formats](#), querying them now preferable via template refs.
- [LWC Offline](#) gets [NFC Readability](#), and [Biometrics Integration](#). As long as we're about Offline, you can now [attach images to records](#) and [search for records](#) offline on Mobile.
- You can now set Queuable [Max Depth and delay](#) via the new `System.enqueueJob()` overload, and also set a [Queuable Duplicate Signature](#) allowing you to better avoid eating up all your `DailyAsyncExecutions` limit
- APEX logging is [slightly better](#) but you still should use [nebula logger](#)
- Events get [relays on Hyperforce](#)
- Salesforce Ids don't change Length but do have minor [structure change](#) with serverId going from 2 to 3 characters, taking one of the "[previously reserved](#)" characters
- [UTAM](#) (Or UI Test Automation Model if you don't remember every single SF Acronym) gets a [few QoL Updates](#), I'm just re-highlighting that the entire concept exists.
- LWR Sites get [defaulted to enhanced](#) because [CMS Content is available in Enhanced](#), get [component variations](#) and better [visibility rules](#), admin-suitable [css update powers](#) (and better [global CSS](#) handling), an [action bar](#), [dynamic redirects](#), better [static resource protection](#). The most interesting one is [Record Detail Component](#) coming in - this is the first time I'm sensing a proximity to "hey we might replace all Aura sites soon with LWR". If you don't know what all this means "Salesforce has, in roughly a year, built out a brand new Framework that should allow much better Experience management and third-party compatibility thanks to the Web Components standard, and you should see first impact in roughly another 6 months IMO."
- If you can't use LWR, you can now [still use refreshView](#) via LockerService
- Headless Authentication [gets updates](#) that make it [easier](#) to [leverage it](#) or [set it up](#)
- Domain addition in SF now does [more checks](#) with better error messages (but also make adding a domain harder if [you don't know wtf you're doing](#))
- DevOps Center now [integrates with SF cli](#)
- You write [shit html code](#), it won't work no more. sadge.
- You write [shit http headers](#), also sadge no more worky.

## SALESFORCE D2F COMMERCE

- [New Wizards](#) try to simplify your Commerce Setup, which honestly is useless as 90% of your actual commerce exp will be custom code but whatever.
- This [totally secure page](#) allows guest users to use easily-obtainable data to get order detail information, [helping pirates everywhere](#).
- Some [SEO Optimizations](#) make it easier to get your storefront and center.
- Automatic [Lowest 30 Day Price Display](#) for EU compliance is a nice little addition.
- Salesforce Payments [continues to be worked on](#). I still don't know why you'd ever use what seems to be meh code which at least partially reimplements Stripe, but walled gardens I guess.

## DOGELAND

- [:doge: Full APEX Autocomplete is getting retired](#) due to its resource intensity. Which begs the question "all that AI stuff they conveniently don't communicate Resource costs on, are they actually profitable or more VC-backed tech bubbles that are shiny but ultimately as sustainable as Bitcoin?"
- [:doge: Salesforce Functions are getting retired](#) less than two full years after release. This isn't critical because I'm guessing no one uses them. Migration path is to Heroku. Customers have already been warned.
- [:doge: Visualize Summary Formulas in Reports as you create them](#) sounds great up until you realize they just mean they did a conditional display of a static image in the report builder, and it doesn't really preview what you're building to allow sanity checking. At least they didn't just take the Classic image...
- You know what'd be awesome ? If we [constantly saved Flows without telling you and then make it harder to revert to a known previous step by clicking Undo tons of times like on Cookie Clicker](#)
- [:doge: Let's publish a slack feature and retire it less than a year later lol](#)
- [:doge: Email Threading](#) now has [lightning threading](#) which is literally just reflds but with exclamation marks to indicate how awe-inspiring this whole email thread process was.

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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/>

Join the ~14000 members in the most active chat-based community around Salesforce these parts of the web at <http://join.sfxd.org/>

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