

# Auditing a Salesforce Org

## Functional Audit

One workshop mid-audit to discuss their process

One workshop after the audit to discuss findings, step forwards

## General stuff to check

Administrator presence - Number of admins, experience, etc.

(<https://help.salesforce.com/HTViewSolution?id=000007548>)

Organization Security - Check the automated health check in Setup > Health Check

User-Friendliness - custom app ? limited number of tabs ? how many fields per page layout ? is

LEX-enabled ? Page layouts make somewhat sense ?

Maintainability - using best practices, nomenclatures, not using old notes or old attachments, lowish number of automations per object, good structure in automations if many, avoid multiple sources of automation on one object.

Usage - have users logged in in the past 30 days ?

## Limits

Data limit - Setup > Data Storage

Storage Limit - Setup > File Storage

Object limits - Run Optimizer if possible or check each object limit.

APEX limits - API calls per 24h, errors when tracking a user, etc.

## Security

OWD & role reviews

Review of Profiles & Permission sets, flag any VAD or MAD access

Review Permission Set Groups & Muting Permission Sets

Review of any external access

Review Sharing Rules

# Data Model

Review of limits and object usage

Review of field usage

Review of general architecture

Solution design of Refactoring if needed

## Data

Duplicates ?

Reportable ?

Owners make sense ?

Old records ?

Quality ?

## Automation

Number of Processes/Workflows per object

Process Builder best practice audit

Flow best practice audit

- How many flows are there ?

> few: not used, flag it as admin probably doesn't know about them, check how the flow looks internally to check

> medium: can be anything, but OK

> A lot: are they well named ? If yes yay, that's generally an admin that knows their shit. If not I'm in for a world of hurt straight out the bat.

- how big are the flows ?

> small : don't care

> medium: don't care

> big: see if there's squares in the same order a few times, that means they should be using subflows. you'll notice it

> huge: should be using subflows anyway

- variables

> no input variables : they're using it as a script, train admin, but at least it's easy shit

> only input variables : they have no idea wtf input vars do, train them and check the flow for other bullcrap

> normal usage: yay

- elements

> are the elements named consistently ?

>> Yes: yay

>> No: fuck

> are all elements present used ?

>> yes: YAY:

>> no: fuck

> are all elements that could be reused reused, or are there a ton of throwaway elements ?

>> tons of shit that gets used once because they don't know how to use assignments and vars: fuck

>> reusable stuff: yay

- structure

> are the DMLs outside of the flow main structure ?

>> yes: YAY

>> no: fuck

> Are there elements in loops other than assignments or decisions ?

>> yes: fuck

>> no: YAY

- maintainability

> can the flows be read ?

>> yes: phew

>> no: fuck

> do you know wtf they're here for in less than 30 minuets ?

>>yes: somebody did their job right

>>no: fuck

> are the structures of the flow consistent and make it easy t maintain (subjective)?

>> yay

>> fuck

> are there flows that should be APEX or other shit ?

>> yes: list them, explain why they shouldn't be that way

>> no: cool beans

Validation Rules best practice review

Workflows review

# APEX

High-level APEX review: naming, basic structure  
Code audit: standard best practices, optimization  
Architecture audit  
Solution design of refactoring if needed

# Generation of the Audit report

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