



## Issues in nearly any ChangeMan ZMF environment

- [\[ZMF Administrator\]](#) |
- [\[Helpdesk operator\]](#) |
- [\[Release manager\]](#) |
- [\[Operations control\]](#) |
- [\[IT Auditor\]](#)



We've been providing consulting services about ChangeMan ZMF (CMN/ZMF) for over 2 decades now. It keeps being fun to see how each CMN/ZMF customer always has some type of unique requirements, special customizations, etc. Not to speak about all the challenges that come with each release upgrade of CMN/ZMF (I started on release 3.2.1b in 1990, recently I was involved in an upgrade to the latest and greatest 7.1.x release).

But what surprises me again and again at each (repeat each) of these CMN/ZMF customers, is that they all seem to have at least 10 issues in common. At least if they have been using CMN/ZMF operationally for some years (say between 2 years and 2 decades). Don't get me wrong, these issues are not because of their CMN/ZMF admins not doing a good job, or because of CMN/ZMF not being a great product. No, I think it's simply because CMN/ZMF is like a garden, which you need to weed occasionally (ideally even daily). And such CMN/ZMF maintenance requires the right tools to do so. By the way, I love gardening, especially at this time of the year where you see the fruit of your labor. Here is my top 10 of CMN/ZMF issues showing up in nearly any CMN/ZMF environment:

1. [Limbo packages with install date passed](#)
2. [Some packages remain in DEV for years \(or forever ...\)](#)
3. [Non-BAS packages hanging around \(from people who quit\)](#)
4. [Empty packages](#)
5. [Dead checkouts and dead stage requests \(= performed long time ago\)](#)
6. [Missing stg libs \(defer bit\), empty stg libs or forgotten \(housekeeping\) stg libs](#)
7. [Small package aging parms conflicts with reporting needs](#)
8. [Outdated user options \(or invalid user option values\)](#)
9. [BAS pkgs with missing package activity dates \(invalid restarts\)](#)
10. [Outdated appl admin entries \(LTPs, DSNs, entities, etc\)](#)

Attention:



- the above list is not just incomplete, but far from complete!
- the longer you use CMN/ZMF, the more these issues grow!

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