

1. **install ISSnssl2fPAM.pkg on all the existing NSSLTOF enabled hosts**, it won't harm anything, no conflicting files, no change in any configuration
2. **run the NSSLTOF PAM enabler script** on all the NSSLTOF enabled hosts, including the Likewise enabled ones

Rollback plan :

1. just **restore the original pam.conf** which is saved as /etc/pam.conf_PRENSSLTOFPAM (or use my attached PAM disabler script, called disable_nssltof_pam.sh)
2. remove the NSSLTOF PAM package with 'pkgrm ISSnssl2fPAM' (this is optional as the PAM files won't do anything, this is only cleanup)

Even though the Likewise enabled servers are not affected hence they do not benefit from this, still I would install and enable there too for consistency, as it cause no harm. The 1. PAM package contains no conflicting files 2. the PAM enabler adds a single line only for the 'passwd' service, and it only sets the default PAM repo to 'files' if it's not already set. This on the Likewise servers will do nothing, Likewise already sets the default PAM repo, so the module will just return.

This should remediate all of our SAPM & NSSLTOF compatibility problems on the existing installations.

About the **future NSSLTOF installations**.

Today we ended up having two packages, the original core NSSLTOF package (ISSnssl2f) and the PAM addon package (ISSnssl2fPAM) released today. The reason why I created the PAM module package because this way we don't have to upgrade the existing NSSLTOF packages, we only have to add the new PAM module package.

Still, because I want to keep the package simple, I updated the original NSSLTOF package (all the earlier versions are 0.5, this latest is 0.6) at <http://lonperf01.corporate.██████████p/ISSnssl2f.pkg> so the new package installs the PAM module as well, so for new installs we don't need the PAM addon package. It installs the PAM enabler/disabler scripts under misc/script too, but it does not enable it during the install so pam.conf remains unchanged. So Bob, I would like to ask you to update the NSSLTOF package within Opsware with the latest package from <http://lonperf01.corporate.██████████p/ISSnssl2f.pkg>, and we should extend the post-install scripts in Opsware so it updates /etc/pam.conf as my PAM enabler script does.

sendai