

Allow cron in solaris 11

How to enable cron access for any user in Solaris 11

Some users, for example "webservd", are not allowed to use cron in Solaris.

When studying the man pages, it is easy to be misled to look into the /etc/cron.d cron.allow and cron.deny files for resolution.

```
Warning - Invalid account: 'webservd' not allowed to execute cronjobs
```

But this is caused by a flag in /etc/shadow:

```
webservd:LK:15759:::12351
```

The **LK** flag disallows cron usage.

See "passwd -n" vs. "passwd -l".

See "man passwd":

Security
passwd uses pam(3PAM) for password change. It calls PAM with a service name passwd and uses service module type auth for authentication and password for password change.
Locking an account (-l option) does not allow its use for password based login or delayed execution (such as at(1), batch(1), or cron(1M)). The ~~A~~ option can be used to disallow password based login, while continuing to allow delayed execution.
locked accounts that have never had a password and no login accounts cannot have their status changed directly to an active password. See -d. Changing a password on a locked account that had a password prior to being locked, changes the password without unlocking the account. See -u to unlock the account. An authorized administrator can activate an account in the not yet activated state by giving it a password.
An account can become locked following inactivity. To unlock such an account use the ~~u~~ or ~~f~~ options. With ~~u~~, the password is not changed; the use of ~~f~~ forces a password change.

To resolve:

```
root@ampl:~# passwd -s webservd
WARNING: changing account in reserved uid range: webservd.
webservd LK
root@ampl:~# passwd -d webservd
WARNING: changing account in reserved uid range: webservd.
passwd: password information changed for webservd
root@ampl:~# passwd -N webservd
WARNING: changing account in reserved uid range: webservd.
passwd: password information changed for webservd
root@ampl:~# passwd -s webservd
WARNING: changing account in reserved uid range: webservd.
webservd NL
```