



# Tech Info Library

## Deleting forgotten root password under A/UX (3/94)

Article Created: 7 March 1994

TOPIC -----

I have forgotten my root password under A/UX, how do I create a new one?

DISCUSSION -----

There are several ways to delete the existing root password:

If Secure Startup is set:

- 1) Get a clean copy of A/UX startup from their distribution CD, and reinstall.
- 2) While booted under the Macintosh Operating System, launch ResEdit, and change the resource in the A/UX Startup application SASH ID=1 which is called "state." Flip the "check passwords" field of this resource ID from 1 to 0 to disable password checking. You need not worry about the existence of the auxstartuprc file in /etc. To re enable switch the field back to 1.

The existence of the auxstartuprc in /etc does NOT guarantee password checking. Even if the file is not there the bit in A/UX Startup application REALLY controls this behavior.

When Secure Startup is not set:

The actual commands that you will type are enclosed in <> characters for clarity.

- 1) Start the AWS 95 or launch A/UX Startup.
- 2) At the "Welcome to A/UX" dialog, click the Cancel button.
- 3) At the Startup# prompt, type <launch -S> . This will cause A/UX to come up in single user mode.
- 4) Type <cp /etc/passwd /etc/passwd.old>
- 5) Once A/UX comes up in single user mode, type <vi /etc/passwd> . This will start the vi text editor and open the passwd file. You will see the passwd file looks something like this:

```
root:CSFE80x0tKY92:0:0:::/bin/sh
daemon:*:1:1::/:
```

```
bin:*:2:2::/bin:
sys:*:3:3::/bin:
adm:*:4:4::/usr/adm:
```

The character string CSFE80x0tKY92 in the first line is the encrypted root password. The encrypted password string will be different on every system. This is the part that must be deleted.

- 6) Use the arrow keys to move the cursor to the first character of the encrypted password string.
- 7) With the cursor sitting on top of the first character, in this example the letter C, press the <x> key to delete the characters of the password one at a time.

BE VERY CAREFUL not to delete the colon (:) at the end of the password string or anything after.

When you are done, the first line should look like this:

```
root::0:0:::/bin/sh
```

- 8) To save the changes you made type <:w!> and press return.
- 9) To exit the vi editor type <ZZ> . That's shift with two z's.
- 10) To restart the Macintosh type <reboot> at the command line prompt.
- 11) To log in, type <root> in the Name field and leave the Password field blank.

If you make any mistakes while editing the /etc/passwd file, type <:q!> to quit without saving changes. Then start over again.

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Keywords: <None>

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19960215 11:05:19.00

Tech Info Library Article Number: 14810