



AWS17: .fs_cache item limits

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Apple is recommending for releases prior to A/UX 3.1 a 120,000 item limit for items that can be shared on a AWS95. The limit is due to incorrect handling in the b-tree code that maintains the .fs_cache file. The .fs_cache file is used to create b-tree entries for all items being shared under AppleShare Pro. The problem occurs when the .fs_cache file becomes greater than 32 megabytes in size. The maximum number of items can be calculated with the following formula:

$$32,000,000 / 200 \text{ bytes for each item} = 160,000 \text{ Items}$$

The number of 120,000 that is being recommended as opposed to 160,000 is conservative and is meant to avoid any problems from occurring until a version of the AWS95 software is released that eliminates this problem. The 120,000 number will also allow for some growth up to the maximum of 160,000.