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Section 7: POSIX SP Profiling Efforts

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7.1 Introduction

This section maintains the list of currently known POSIX Standardized Profiles (POSIX SPs). This list is a factual record of which POSIX SPs exist, or are in preparation, together with a summary description of the scope, scenario, and model for each profile. These POSIX SPs might be useful as building blocks for other profiles.

7.1.1 Approved POSIX Standardized Profiles

There are currently no approved POSIX SPs.

7.1.2 POSIX Standardized Profiles In-Progress

The current efforts to develop POSIX SPs are summarized in Table 7-1.

7.2 General Purpose POSIX SPs

7.2.1 POSIX Platform Environment Profile

7.2.1.1 Rationale and Overview

The POSIX Platform Environment Profile, IEEE POSIX.18, is a platform profile based on POSIX.1 {2} and related standards. It defines the functionality and standards needed for a system that is as similar as possible to the traditional UNIX operating system's interactive, multiuser development and run-time environment.

The platform profile is valuable for many users, vendors, programmers, and procurement officers who do not have the time or desire to analyze and specify all the individual interfaces for a system they need. The platform profile obviates this analysis by enabling the users to point to a single document that specifies exactly what they should order to obtain a system that looks like traditional UNIX systems, except that the POSIX platform profile will be totally based on formal