

New Version of the Certified AdminUX Protocol (CAP)

The Certified AdminUX Protocol (CAP) has been rewritten to use the Advanced Encryption Standard (AES) with 128 bit encryption keys.

System security has become even more of a system administration issue and AdminUX is changing to address these new needs. The proprietary Certified AdminUX Protocol is the messaging system used by AdminUX-managed servers to communicate with each other. CAP has now been updated to work exclusively with the Advanced Encryption Standard using multiple rotating 128-bit keys. Using the AES insures that AdminUX initiated system messages and communications between AdminUX-managed servers is safe from prying eyes.

Policy Distribution Manager (PDM)

A new feature in Release 9.0 of AdminUX is the Policy Distribution Manager. This new component will distribute a system policy change to one or more hosts defined in a workgroup.

In today's economic climate return on investment (ROI) is a major consideration in deciding on a security/server management solution. AdminUX's new Policy Distribution Manager allows more servers to be managed by fewer staff, significantly accelerating ROI.

Policy Distribution Manager (PDM) allows you to setup and maintain an entity called "Workgroup" which is a logical collection of other hosts running AdminUX. By selecting a Workgroup prior to making any policy change on a local server, you can propagate the new policy to all AdminUX-managed servers in the selected Workgroup.

The new PDM updates system management policies across multiple platforms. This allows existing staff to more easily manage heterogeneous server populations.

The PDM provides three major capabilities:

1. Maintenance of workgroups.
2. A new security option, which will allow a remote server to change a local server's policy files.
3. Intercept local server policy changes and interactively distribute them to all servers in the selected Workgroup.

www.adminux.com

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ServerGuard

AdminUX will now search for all occurrences of the following directories and create/monitor the checksums of their files:

Bin
cgi-bin
include
lib
sbin
html and one level under html directories

As virtual server configurations, especially in web server environments, become more prevalent the need to monitor system files in non-standard locations becomes more critical. AdminUX's ServerGuard component will discover and automatically secure these directories.

DataArchiver

DataArchiver now transfers data from one AdminUX to another using CAP instead of GNU tar's "rmt" command.

Since CAP requires no additional configuration to setup communication between servers, initial setup time is reduced. The use of the AES-enabled CAP ensures that data is encrypted and sent securely only to a certified AdminUX server.

File Examiner

The Orphan Files Monitor in the File Examiner component can now be enabled/disabled.

Orphan files created when a user is removed from a system can now be optionally given to any valid user.

Installer

Installer now allows AdminUX to be installed while su'ed to root.

More and more servers can only be accessed remotely and remote access using a root login is restricted. AdminUX is now installable by a user that is su'ed to 'root'. This feature makes remote installation of AdminUX easier.

Alarms Monitor Console (AMC)

A fully qualified administrator can list all active AdminUX Alarm Monitor Console (AMC) users. The login name of the user, the level of access granted to the user, a date and time stamp for the login, and the user's IP address is listed.

Since the AMC allows for only one full privilege administrator at a time, this feature is especially useful in larger environments where more than one administrator is monitoring the same group of systems.

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