

PATTON ACCESS TECH GUIDE

POINTER TO RADIUS SERVER IMPLEMENTATIONS

This list has been created to point you towards various free and not-so-free RADIUS server implementations. While Patton Electronics does not support a particular brand of RADIUS server, all of the listed servers have been tested for basic functionality.

Steel-Belted RADIUS - NT

Steel-Belted Radius is an NT RADIUS server that lets you consolidate the management of all your remote users, and enhance the security of your network. Steel-Belted Radius for Windows NT runs on a Windows NT workstation or server, v4.0 or later. The Steel-Belted Radius for NT Administration program runs on any Windows NT machine on the network. Steel-Belted Radius for Windows NT is compatible with any ODBC-compliant SQL database.

A 30 Day Demo can be downloaded at <http://www.funk.com/sbrframe.html>

Cistron RADIUS server - Unix

This version (Version 1.5.4.2) of the Cistron Radius daemon provides a flexible server implementation. Most of the code was taken from radius-1.16 by Livingston Enterprises, available from ftp.livingston.com. The server is mostly compatible with livingston radiusd-2.01 (no menus or s/key support though) but with more features, such as:

- Can limit max. number of simultaneous logins on a per-user basis!
- Multiple DEFAULT entries, that can optionally fall-through.
- In fact, every entry can fall-through
- Deny/permit access based on huntgroup users dials into
- Set certain parameters (such as static IP address) based on huntgroup
- Extra "hints" file that can select SLIP/PPP/rlogin based on

The Cistron RADIUS page and program are at <http://homepage.cistron.nl/~miquels/radius/>

Merit Authentication, Authorization and Accounting Server - Unix

The Merit AAA Server supports the concept of roaming. Roaming enables customers (users) of one ISP (institution) to dial into another ISP's (institution's) modem pool and authenticate just like dialing in locally to their own local. Also included are extensive user control and session logging functions. As of this writing, the Basic Merit AAA Server builds and runs correctly on the following platforms: SunOS 4.1.3 and above; Solaris 2.3 and above; BSDi 1.0 and above; Linux 1.2.3 and above; Digital UNIX 4.0B and above. The Basic AAA server is free.

The Merit Basic AAA RADIUS page and program are at <http://www.merit.edu/aaa/basicsvr.html>

Assorted Free RADIUS servers for FreeBSD - Unix

Found under the ports directory tree, FreeBSD has several RADIUS servers which will compile out-of-the-box. Currently there are the Ascend RADIUS, Merit AAA RADIUS and Cistron RADIUS implementations.

A 30 Day Demo can be downloaded at <http://www.freebsd.org/ports/net.html>