

Non-Profit Radio Association Saves Time, Money, and Storage with Barracuda Backup



American Radio Relay League

Profile

- Amateur Radio Relay League
- Based in Connecticut
- 110 HQ Users and 170,000 Members

Challenges

- Tedious Backups
- Confusing Interface
- Labor Intensive Device

Solutions

- Barracuda Backup 890

Results

- Reduced backup time by 90%
- Reduced data storage by 50%
- Reliable Backups and Service
- All Inclusive Solution

About The Amateur Radio Relay League

The American Radio Relay League (ARRL) is the largest membership association of amateur radio enthusiasts in the US. ARRL is a non-profit organization founded in May of 1914 in Hartford, Connecticut. The ARRL represents the legal interests of amateur radio operators before federal regulatory bodies. Additionally, they provide technical advice and assistance to amateur radio enthusiasts, support a number of educational programs, and sponsor emergency communications service throughout the country. Andrew Peichert, IT systems engineer for the ARRL, is responsible for the nine physical servers and 36 virtual servers that comprise the ARRL network.

Replacing Complexity with Simplicity

Peichert manages a wide range of systems ranging from email, database, and file servers at ARRL. With so many responsibilities, he does not have the time to manage confusing and tedious software. Originally using Unitrends as their backup software and Exagrid hardware for deduplication storage, Peichert was having trouble with overly complicated backups saying, "Restoring a file should be straight forward and it wasn't." With that in mind, he searched for a better solution. "The ability to have a single vendor for software, storage, and cloud set Barracuda apart from the competition and made the decision easy for us," he says. With Barracuda Backup 890 Peichert has shorter backup times and has cut the time spent on backups by 90%. Once a week, he restores a backup saying, "It's simple to do. I log in and click a couple buttons then it's done."

Barracuda Backup's setup was self-explanatory and you don't have to touch it after you get it running.

Andrew Peichert

IT systems engineer

ARRL

About Barracuda Backup

Barracuda delivers easy cloud-connected Backup. Barracuda Backup is the unified, cost-efficient data protection solution for your physical and virtual environments. Backup software, local storage, and remote storage are integrated into a solution that can be rapidly deployed in under an hour. Cloud-based central management enables seamless multisite administration and rapid local or remote recovery prevents data loss and minimizes down time. Barracuda Backup is a complete backup solution with remote storage that is easy to buy, install, and manage, all backed by our live 24/7 customer support experts.

Barracuda Backup Fast Facts

- All-in-one backup solution requires no third-party software, hardware, or cloud
- Cloud-based central management
- Intuitive and simple web interface



Efficient Inline Deduplication

Barracuda inline deduplication lets the ARRL significantly reduce storage needs by saving only unique blocks of data with Barracuda Backup 890. "Barracuda's deduplication technology allows us to save more data in a smaller space than we used to," Peichert adds, "it is very efficient and all happens behind the scenes." With over 64 TB of data, conserving space is important. Barracuda Backup 890 deduplicates data to save space, reducing ARRL's storage needs by over 50%.

Smooth Installation and Simple Usage

Peichert could not have asked for a more straightforward installation, "the setup was self-explanatory and you don't have to touch it after you get it running." The device has an intuitive forward restore ability which Peichert uses about once a week. A system crash is always a possibility in the IT world, and when it came to a server failure at ARRL his supervisors were worried about keeping business up and running. Peichert on the other hand had no worries, "I've had to restore our production database twice," he recalls, "and each time it's taken only twenty minutes to do a full restore."

Conclusion

The Amateur Radio Relay League had inadequate backups and needed a better solution. Barracuda stepped in with Backup 890. Now, with Barracuda's straightforward restores, shorter backup windows, and inline deduplication, Peichert can rely on Barracuda to save him time, space, and money. Barracuda allows him to focus on other areas of his job. "It is a great device, and I am very happy with everything Barracuda does for us."

About Barracuda Networks, Inc.

Protecting users, applications, and data for more than 150,000 organizations worldwide, Barracuda Networks has developed a global reputation as the go-to leader for powerful, easy-to-use, affordable IT solutions. The company's proven customer-centric business model focuses on delivering high-value, subscription-based IT solutions for security and storage. For additional information, please visit www.barracuda.com or follow us on [Twitter@barracuda](https://twitter.com/barracuda).