

everRun[®] for Microsoft[®] Exchange Server Protecting Exchange from Single Points of Failure

Prevent downtime and data loss in your Microsoft[®] Exchange Environment

"We selected Marathon for three primary reasons. One, there was no application learning curve with everRun. Two, we could ensure up-to-the-second data integrity. And three, we could geographically disperse the servers. After implementing everRun, we no longer needed to bring in the system designers and administrators to reboot our systems, and we no longer needed to train our employees on how to reconfigure our systems. We look forward to protecting other applications with Marathon."

**Scott Brion network analyst
Chester County, PA**

"We had actually already been working with Marathon everRun for the past year while it provided fault-tolerance for our Exchange e-mail servers. Previously, our old Exchange servers had to be rebooted frequently; we haven't had to reboot the new system once in the last year."

**Doug Constance, Team Leader
Windows development for the
Welcome Trust Sanger Institute**

Businesses of all sizes, from multinational enterprises to small and midsize businesses, are using the messaging and collaboration features of Microsoft[®] Exchange Server to run business functions that, if lost, can result in severe business disruption. No wonder Exchange has become such a critical application for so many businesses. To successfully maintain Exchange availability, you need to ensure that all components within the Exchange infrastructure are protected, including the server, storage, and networks.

Complete Exchange Protection

everRun software eliminates single points of failure, protecting Microsoft Exchange from:

- Unplanned server, storage or network failures
- Planned downtime due to reconfiguration, hardware, and software upgrades
- Data loss and corruption
- Site failures and major disasters

With coverage for the entire Exchange infrastructure and the flexibility to implement the configuration that fits your business requirements, everRun is a great choice for protecting most any Exchange environment.

How everRun Works

everRun combines the resources of two physical servers to provide a completely redundant compute environment. All components including the storage and storage devices, networks, and even the servers are transparently paired and components automatically activated should a failure occur. You

have the flexibility to host a single or multiple workloads on these servers. Once protected, your Exchange Server is managed no differently than before everRun was running. There is still just a single Exchange environment to manage; no need to deploy or manage a 'primary' and 'backup' Exchange environment, no changes or updates to your DNS or Active Directory servers, and never any client-side changes to impose on your end-users.

No other availability software can deliver the levels of availability, automation, transparency, and simplicity. everRun runs on standard servers without proprietary hardware for ease of deployment.

everRun Delivers

- Higher levels of availability than typical failover solutions
- Transparent operation that automates and simplifies Exchange availability
- Selectable levels of availability and fault tolerance to match your applications requirements
- Simplicity of installation and management with no need for specialized staff experience or training
- Solutions to address local, regional, and long distance availability and data protection requirements
- Flexibility to utilize any type of storage; direct- or network-attached, local or shared
- Built-in failover policies eliminate manual and complex scripting and the potential for errors
- Sophisticated error detection that is faster and more reliable than simple heartbeats

WORLDWIDE HEADQUARTERS

Marathon Technologies Corporation
 295 Foster Street, Littleton, MA 01460
 Tel 1.800.884.6425 / 1.978.489.1100
 Fax 1.978.489.1101
 Email: info@marathontechnologies.com
 Web: www.marathontechnologies.com

EMEA HEADQUARTERS

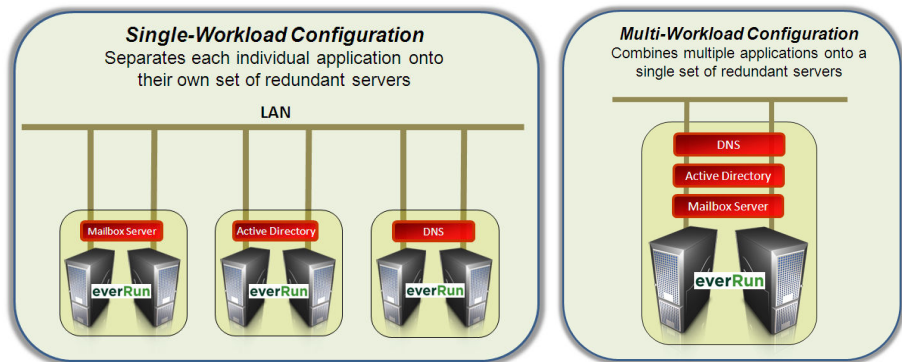
Marathon Technologies UK Ltd
 Regus House, Trinity Court
 Wokingham Road, Bracknell
 Berkshire, RG42 1PL
 Tel +44(0) 1344.706.241
 Fax +44(0) 1344.706.242
 Email: emea@marathontechnologies.com
 Web: www.marathontechnologies.com

everRun for Exchange High Availability

In the following examples, everRun is configured in single- and multi-workload configurations. In the single-workload configuration, Exchange and a few of the supporting infrastructure applications are protected on their own dedicated redundant servers. everRun protects the mailbox server and other Exchange components as well as the Active Directory and DNS server utilizing isolated and dedicated hardware. Each application has its own fully redundant hardware environment to maintain availability and prevent user disruptions.

In the multi-workload configuration, fewer servers are utilized by protecting Exchange, Active Directory, and DNS within the same two servers. This allows for a reduction in costs by minimizing the amount of hardware required without sacrificing availability.

These are just two examples of how everRun can be configured within an Exchange environment. everRun is infinitely flexible to meet the requirements of most any business.



everRun for Exchange High Availability plus Disaster Recovery

High availability isn't always enough to meet legal, regulatory, or business requirements for system and data protection. Disaster Recovery ensures that your Exchange data is available at a remote location, hundreds or thousands of miles away, in order to recover should a major disaster render your availability configuration inoperable; hurricane, tornado, etc. The following configuration provides local Exchange high availability protection against the majority of failures and outages, with everRun DR providing remote replication and restart capabilities to a remote DR location. The DR site has a multi-workload configuration while the production site is configured in a single-workload manner. This reduces the hardware and software requirements at the DR site, reducing overall costs and improving ROI. Both sites could be configured with a multi-workload configuration if desired.

