everRun®

Marathon everRun® HA & FT

Automated fault tolerance for 32-bit Windows applications

everRun HA and everRun FT are Marathon Technologies' proven and trusted fault tolerance solutions for Windows applications. Companies around the globe rely on these high availability products to protect 32-bit Windows applications from outage or data loss.

While everRun 2G is the latest generation, with support for 64-bit applications and Windows Server 2008, Marathon Technologies continues to sell and fully support the widely deployed everRun HA and FT solutions designed for the 32-bit environment.

PROTECTION FROM DOWNTIME & DATA LOSS

everRun HA and everRun FT pool the physical resources of two standard Windows servers into a single environment that operates as one to provide fault tolerant servers. everRun automatically detects any problems and redirects I/O in real time—without operator intervention.
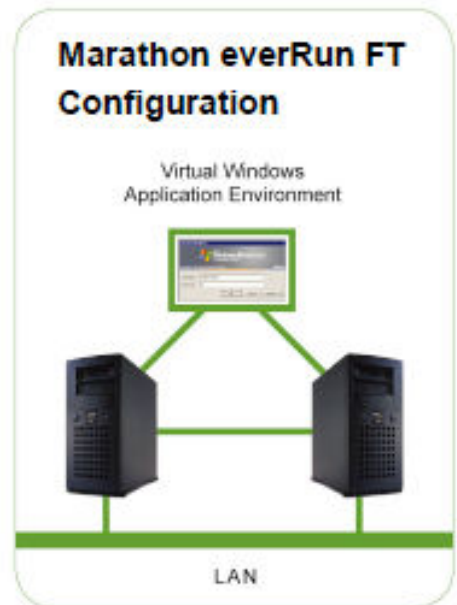
Applications keep running without interruption, ensuring fault tolerance and application availability.

EASY IMPLEMENTATION

You don't have to modify your applications in any way, shape or form. everRun provides fault toler-

ance through off-the-shelf x86 Intel and AMD servers and standard Windows Server 2003.

everRun HA and everRun FT offer two different levels of availability.

Marathon everRun FT Configuration

Virtual Windows Application Environment

LAN

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everRun®

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everRun HA

everRun HA delivers component-level fault tolerance to protect essential applications like Microsoft Exchange, SQL or SharePoint.

For example, if a network adapter, storage adaptor or storage device fails, everRun HA automatically redirects I/O to components in the other server. If an entire server fails, everRun HA automatically and immediately restarts the application on the secondary server.

In short, everRun HA keeps applications running - and users connected - through both network and disk I/O failures.

everRun FT

everRun FT delivers system-level fault tolerance to protect mission-critical applications that cannot afford even a brief interruption in service. With system-level fault tolerance, your Windows Server application runs redundantly on both servers. Even when an entire server fails, you experienec continuous availability—no loss of application state, no loss of data.

everRun FT is often used in regulated industries that require them to have fault tolerant servers to prevent loss of any data, even 'in-flight' transactions.

everRun FT helps organizations meet data protection regulations by ensuring 100% data acquisition and retention.

HOW IT WORKS

everRun pools the physical resources of two or more standard Windows servers into a single, unified operating environment. It virtualizes these servers to appear and operate as one for the purpose of ensuring continuous availability for Windows applications. The environment appears and operates as though the applications were running on a single stand-alone server with one identity and one IP address.

"As the enterprise increasingly relies on Windows servers for their important business applications, its need for protection against the costs and consequences of server downtime also increases. Further, there is a need in the market for simpler, software-based availability solutions as traditional clustering solutions are quite complex and threaten the availability of the environment."

– Donna Scott, Vice President and Distinguished Analyst, Gartner

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