

Three Reasons Neverfail Continuity Engine Is a Must-Have in VMware-Centric Environments

Virtualization is possibly the most disruptive technology of our time.

The benefits gained through consolidation alone are game-changers for businesses all over the world, not to mention the impact it has had on migrating infrastructures to the ever-present Cloud.



As a thought and market leader, **VMware has always been on the bleeding edge of virtualization**, and led the way in expanding its footprint into other impactful areas, such as VDI, High Availability, and Disaster Recovery.

vmware[®]

While the benefits of these features are widespread, they have also created significant confusion regarding the level of availability an organization truly needs, and what is being provided through their inherent infrastructure technologies.

Neverfail has spent the last 30 years ensuring leading companies (and manufacturers like VMware) across the globe have always-on availability to every critical application their business and customers depend on.

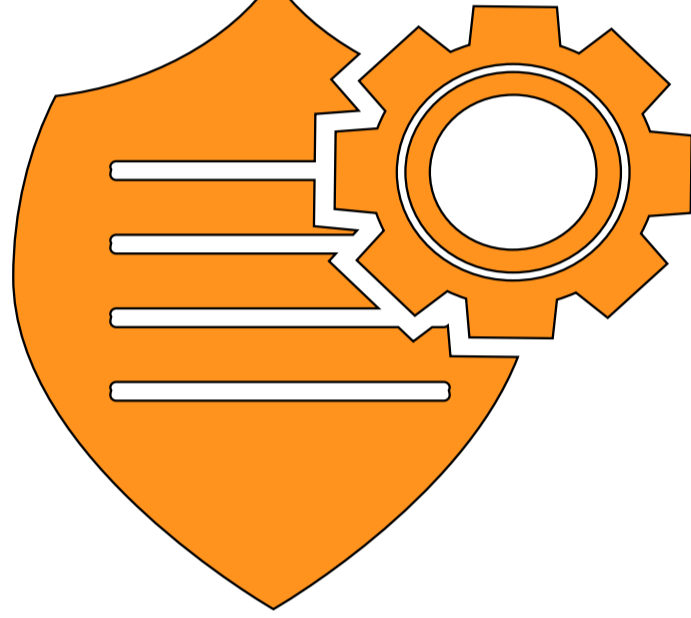
Most of our 4000 customers have implemented virtualization in some or all of their environments, and have turned to us to extend and protect their virtual investments.

Continuity Engine is the only third party solution to ever be OEM'd into the VMware stack. This gives us unique insight into the causes and solutions of this key issue.



Zero Application Awareness

VMware solutions are not only great for consolidation, but also for the availability options they provide against hardware and resource specific concerns. If you believe Gartner and other analysts, **40% or more of outages actually occur at the application/user layer.**



Virtually speaking, that is within the guest VM, an area that VM-inherent tools have no visibility into. That means if a **bad patch, corruption, or any number of application related issues are the cause of degradation or downtime, you will just vMotion or VMHA the same issue to the next host** – leaving your users with a lot of unproductive free time on their hands.

By adding application layer monitoring, correction, and failover, **Continuity Engine protects the investments you've made in virtualization** and extends your protection to detect, correct, or failover based on the most probable causes of outage.

This is why **VMware went out to market to find the best possible solution for vCenter server availability**, and after significant vetting of all available solutions, found Neverfail to be the best choice.



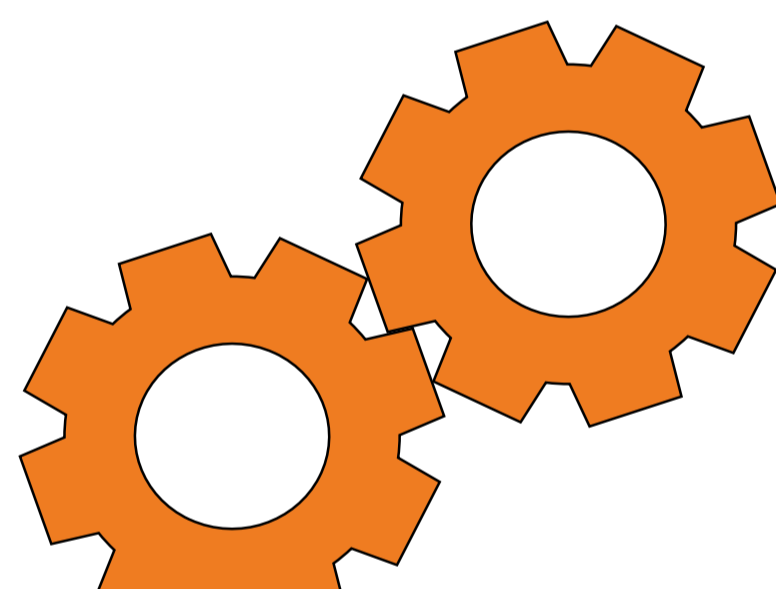
The Application Intelligence Chasm

Having zero insight into the applications running inside the image, **VMware native availability solutions also lack the required intelligence to ensure users stay continuously connected** to the applications each organization depends on each day.

It's one thing to have awareness of applications. It is quite another to have the **intelligence required to detect application availability issues, take corrective action, and ultimately failover** based on the application-specific problem should if necessary.

The end results can span from decreased user productivity to lost revenues and/or reputation.

Continuity Engine extends the power of VMware into the application layer where the majority of issues occur.



It is application (even more multi-tiered/server applications) aware.

It continuously monitors against anything that could lead to degradation or downtime.

If a SQL database refuses to mount, if an ERP application service is stopped or hanging, or anything in between, **Neverfail alerts all appropriate staff and can first try to take corrective action, including initiating vMotion or VMHA, or ultimately failover** to your secondary server or site to ensure your users can keep working while you triage and address the original issue.

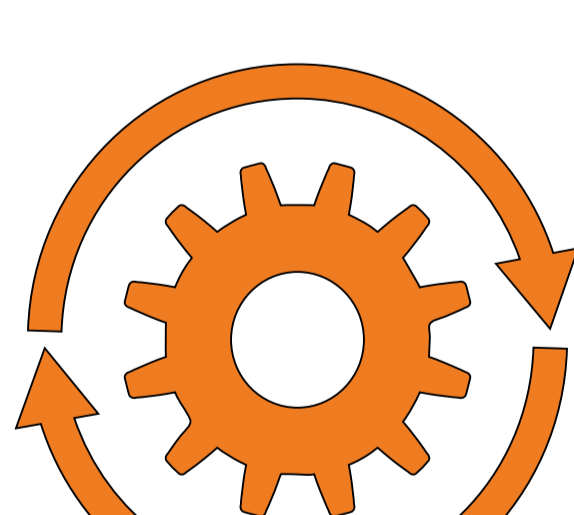


Non-VM Server Integration

While many environments are now 100% standardized on the VMware platform, there are **many more that still maintain physical servers or other hypervisors** for one reason or another.

Unfortunately, that means managing multiple platform availability in different ways, with different interfaces, vendors, and support systems. Not only is this a **significant drain on valuable resource time, it is not cost effective either.**

Continuity Engine is 100% hardware and storage agnostic with no single points of failure.



Whether your environment includes any combination of physical, virtual, multi-hypervisor, or clustered configurations, you can manage them all through one GUI.

Whether deployed for local High Availability, offsite Disaster Recovery, or both, **Continuity Engine is a single source for all of your critical application availability needs.**

It is fully integrated with Site Recovery Manager (SRM) for full site failover and will perform with 30x less bandwidth required based on the initiation of an SRM plan.

VMware has done a phenomenal job getting you part of the way there as quickly and easily as possible.

Neverfail Continuity Engine helps you to finish that race while protecting the significant investments you've already made in virtualization and ensuring a faster and greater ROI.

Contact Neverfail to finish your continuity race today!



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