

# High Availability Virtualization

## VMware™ High Availability Solution

As network applications become more important, maximizing server uptime is increasingly critical to the productivity and satisfaction of your end-users. Your customers expect you to insulate them from any failure or incompatibility of hardware or software, and provide quality of service guarantees regardless of the changing needs and utilization of other customers. Not all of your data centers are attended to round the clock, and even if someone is on site, manual application configuration and re-start result in unacceptable service outages. Every minute of downtime could mean many thousands of dollars of lost business.

## Changing the Way Your Data Center Conducts Business

CDI's high availability solution is designed to help you understand the requirements and process involved in migrating physical servers into a consolidated virtual environment using VMware's virtual infrastructure software. CDI consultants have the expertise to identify the best solutions for your environment and the experience needed to develop and implement it right the first time. We will work with you to analyze your existing environment and make recommendations as to what the target environment should look like.

### CDI's Key Deliverables

- Executive Summary Document and Presentation Providing a Sizing Analysis of Target Environment
- List of Candidate Servers and Resources Required to Migrate
- Server Migration Guidelines and Recommendations

## Fast. Flexible. Connected

VMware server software delivers a cost-effective high availability solution. Virtual infrastructure allows you to implement high availability for the workloads where use of clustering is not justified. With VMware server software, keeping backup copies of critical server virtual machines in a suspended state, ready to take over for a failed primary server, is easy and efficient.

IT organizations can provision new services and change the amount of resources dedicated to software service simply by interacting with a management console. Hundreds of virtual machines on different physical platforms can be created and managed from a single location. Because many workloads are consolidated to few physical platforms, providing redundant hardware elements becomes more cost effective.

With CDI's experience and expertise understand how virtual machine technology ensures high availability and enables zero downtime maintenance. We provide extensive knowledge transfer to your team throughout each project with the goal of making your team fully self-sufficient in using and managing VMware Virtual Machine software products and services.

## Benefits

Ensures high availability and enables zero downtime maintenance

Leverage virtual machines to manage your hardware resources as a single pool of processing, storage and networking power

Address issues and concerns involved with migrating physical servers into a consolidated virtual environment

Create migration plan grounded in real world experience

