

DCMWORKS SERVER ASSESSMENT

IDENTIFY UNPROTECTED SYSTEMS, INCREASE EFFICIENCY & SAVE MONEY

Whether it is a single all-in-one server running a small business or a vast array of data centers for enterprises, servers running the back end of companies have become as ubiquitous as the cell phone.

Servers can be located in a closet, in a dedicated room or rooms, provided by a myriad of colocation companies, or may be running in the cloud.

While servers can run for years without attention, the back end technology provided by the servers needs regular maintenance on the installed software and occasional maintenance on the hardware itself.

Along with the actual server hardware, many times there is a significant amount of external storage connected to a server or group of servers to expand the sometimes limited amount of internal storage available. This can be in the form of an external attached shelf or set of shelves or in the form of a Storage Area Network (SAN). Using network of fiber-channel switches multiple hosts can easily share the same storage framework.

An assessment of servers that have been in place for some time leads to major cost savings for our clients. We recommend modifications to the original set up to remedy inefficiencies, provide risk versus reward analyses for implementing upgrades, and a list of updates to address the current needs of the organization.

ASSESSMENT BENEFITS

- IDENTIFY POOR PERFORMING SERVERS DUE TO OVERLOADED MEMORY, DISK PERFORMANCE, HEAT, OLD DRIVERS, OLD FIRMWARE OR INADEQUATE NETWORK CONNECTIVITY
- IDENTIFY SIMPLE HARDWARE UPGRADES
- IDENTIFY CLUSTER REDUNDANCY PROBLEMS
- IDENTIFY SYSTEMS NOT BEING BACKED UP OR UNNECESSARILY BEING BACKED UP
- IDENTIFY SYSTEMS NOT BEING PROTECTED VIA HOLES IN VIRUS PLAN
- IDENTIFY COMPETING APPLICATIONS USED BY DIFFERENT DEPARTMENTS OR SYSTEMS
- IDENTIFY RETIRED SYSTEMS STILL BEING POWERED ON

ASSESSMENT DELIVERABLES

- FINDINGS REPORT
- ANALYSIS REPORT
- STABILITY, REDUNDANCY, UPGRADE & MIGRATION RECOMMENDATIONS

DCMWORKS

888 - 687 - 0436

SALES@DCMWORKS.COM

DATA CENTER MANAGEMENT & MIGRATION

WWW.DCMWORKS.COM

DCMWORKS SERVER ASSESSMENT

SERVER HARDWARE: PHYSICAL & VIRTUAL HARDWARE PLATFORMS

- ASSESS MODELS
- ASSESS HARDWARE CONFIGURATION
 - CPUs
 - MEMORY
 - LOCAL DISKS
 - FANS
 - CONNECTIVITY
 - NETWORK INTERFACES
 - SERIAL INTERFACES
 - SPECIALIZED INTERFACE CARD
- CURRENT OPERATING SYSTEM
- CURRENT SUPPORT PLAN

STORAGE HARDWARE

- CAPACITY ANALYSIS
- CONFIGURATION ANALYSIS
- CONNECTIVITY ANALYSIS
- PERFORMANCE ANALYSIS
- HEALTH CHECK

APPLICATIONS

- FILE SERVICES
- PRINT SERVICES
- BACKUP APPLICATIONS OR APPLIANCES
- PUBLISHED APPLICATION ENVIRONMENTS
 - CITRIX
 - TERMINAL SERVICES
- SECURITY APPLICATIONS OR APPLIANCES
 - DIGITAL LOSS PREVENTION
 - TWO-FACTOR AUTHENTICATION (2FA)
- VIRUS/MALWARE PROTECTIONS
- EMAIL
- HARDWARE OR SOFTWARE DEPLOYMENT SYSTEMS
- BUSINESS APPLICATIONS
- SYSTEM MONITORING APPLICATIONS
- APPLICATION MONITORING APPLICATIONS

DCMWORKS

888 - 687 - 0436

DATA CENTER MANAGEMENT & MIGRATION

SALES@DCMWORKS.COM

WWW.DCMWORKS.COM