

Painless Migrations

Migrations can be a real tribulation; users are offline, configurations and testing are time-consuming and downtime seriously affects cash flow. If you're facing a migration, there's an easier way.

Migrations are required more often than most administrators would like. Common triggers are:

- Virtualization - P2V for server consolidation
- Hardware refreshes - when hardware has exceeded its warranty, lease or useful life
- Hardware upgrade - when you outgrow your current systems you'll have to add more resources or move to larger hardware
- Changing vendors - disparate platforms can rarely communicate with a different model or manufacturer

Copying a terabyte of data can easily take hours, even over the fastest networks, and disparate platforms and distance limitations can cause downtime and data loss. The fact is, traditional migrations put your time and money at risk. When considering a migration plan, it's important to first consider how much downtime you can afford.

If you determine that your downtime threshold is low, implementing a migration strategy that includes no downtime, no distance limitations and no data loss is critical - and easier than you think.

No Downtime. No loss. No limits.

Double-Take® Move eliminates user and application downtime during migrations. With hardware-independent, full-server migration (data, applications, operating system, configuration files, registry, permissions, attributes, compression and encryption settings, your entire system is moved seamlessly - all while your applications are running and with no impact to users

Move eliminates trial and error application migration and acceptance testing. It can also migrate workloads between existing platforms to new systems within minutes, eliminat-

ing the tedious manual migration methodology of the past. If you have the time but not the money for additional migration bandwidth, Move trickles the changes over whatever bandwidth you have available. Move protects against intermittent outages with the most efficient real-time queuing technology in the industry; it even includes long-term caching capabilities for extensive outages like circuit breaks. Move also has data compression technology that uses very little CPU and provides high levels of compression. Move also works with WAN acceleration appliances to further improve the raw network performance when you need to move more data in less time than your bandwidth will allow. These features combine to allow you the flexibility of making migration decisions based on business requirements and not technology limitations.

P2V and V2V

Move provides migration services from physical or virtual production systems to virtual systems. You can transition workloads between storage that is incompatible for virtualization tools native workload migration features, geographic distances, or between disparate virtualization platforms such as migration from VMware® ESX to Microsoft® Hyper-V™. Move migrates the data, applications and system state, including the operating system, registry, event logs and SID of the production machine. This provides a full server migration that doesn't require a lot of manual reconfiguration or acceptance testing.

You can choose the configuration for the new virtual server including CPUs, memory, storage and network settings. When you migrate the workload, Move replaces the hardware dependencies to match the new virtual platform within the image, creates the virtual machine and starts the workload.

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V2P

Migrating workloads from virtual to physical systems can place a strain on IT departments, especially when production applications don't perform as expected. Double-Take Move makes this task as easy as P2V migrations. Simply select the workload that you want to migrate, then the new physical target machine, and Move begins migrating the data, applications and system state. Once migration is finished, you can transition the workload by gracefully stopping the production virtual machine and completing the migration.

P2P

Double-Take Move makes P2P migration simple. You can easily transition workloads between different hardware vendors and complete migrations with only seconds of manual effort. Just point and click to select your existing server and the server to which you want to migrate. Move removes hardware dependencies when migrating the workload and performs complete system state migration in record time.

QUESTIONS?

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