# ExtraHop

# FIVE DANGERS THAT CAN SINK YOUR DATA CENTER MOVE

Data center migrations and consolidations are high-risk and also very hard to do correctly. Here are some of the things you need to watch out for at each phase of the project.

## 1 DISCOVER ⚠ WATCH OUT FOR OUT-OF-DATE ASSET INVENTORIES!

You need to collect information about what's in the environment. Traditionally, this is accomplished by referencing existing inventories or CMDBs and gathering data from management consoles. This manual process is time-consuming and does not work well in dynamic virtualized environments.

## 2 ASSESS ⚠ DON'T RELY ON "TRIBAL KNOWLEDGE!"

Next, you need to determine which workloads are good candidates for migration and work with stakeholders to plan the move. This requires you to understand workload characteristics and application dependencies. Hopefully the person who built the application is still around to tell you!

## 3 BUILD ⚠ MAKE SURE TO SET UP MONITORING!

Building out the new environment is probably the most fun part of the project. After all, no one is complaining yet! You need to think about monitoring now though, not as an afterthought. Typically, this is accomplished by setting up logging and deploying agents.

## 4 MIGRATE ⚠ KNOW ABOUT PERFORMANCE ISSUES BEFORE USERS CALL!

Now for the tricky part … you'll usually want to migrate outside production first, then flip the switch with redundancies and rollback plans just in case. Hopefully you have all your monitoring set up correctly so that you can troubleshoot the inevitable misconfigurations and other issues that can cripple performance.

## 5 VALIDATE ⚠ DON'T GET CAUGHT WITHOUT PROOF OF SUCCESS

Sorry, you're not done yet. You need to show that this entire project was justified in terms of performance and efficiency. Remember that instrumentation we talked about? You should be able to demonstrate how users and the business are better off now than before the move.

## WANT TO MAKE THIS ENTIRE PROCESS A LOT EASIER?

ExtraHop analyzes all communications on the network, making the entire data center migration and consolidation process tremendously easier—and lower risk! With real-time visibility into all active systems and their dependencies, you can make confident, data-driven decisions at each stage of the process.

# WANT TO LEARN MORE?

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