CLIENT SUPPORT   HELP DESK 336.369.0251   MAIN 833.437.8378   🔍 SEARCH

DYNAMIC QUEST

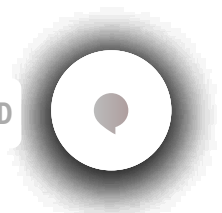MANAGED SERVICES ⌄   PROFESSIONAL SERVICES ⌄   CASE STUDIES ⌄
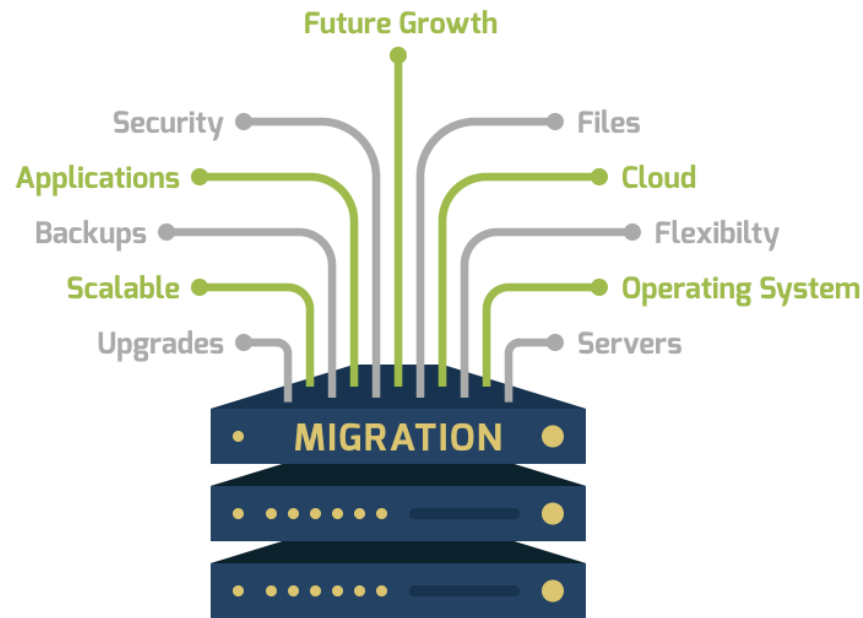
INDUSTRIES ⌄   ARTICLES   COMPANY ⌄

How To Plan for Your Server Migration

LET'S GET STARTED

Migration done right requires a lot of considerations.

Server migration can be very challenging especially for small- and medium-sized businesses (SMBs) who have complex server structures and large databases. Moving data is easy. The challenge is moving the applications and database structures that makes migration complicated.

Making a Server Migration Plan

LET'S GET STARTED
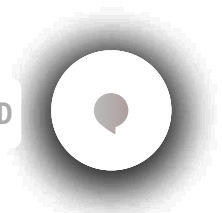
A good plan is the best way to ensure that your organization makes the most out of the server migration. Remember that the data server is an indispensable part of your business so simply undertaking the migration is unprepared is a recipe for disaster. Make sure that the migration is done right or you might be forced to repeat the migration – unnecessarily costing your company time and resources.

1. Identify the Migrant Servers

It is very likely that not all your servers need to be migrated. There might be some servers that your organization is no longer using. There might also be those that have already been upgraded and therefore no longer need migration. Make a list of all your servers that need to migrate. If you are having some issues, Microsoft's assessment and planning toolkit may be of great help.

2. Identify the Migrant Programs

If you're migrating from a 32-bit to a 64-bit system, check your applications for compatibility. If you blindly migrate without verifying compatibility, your applications may be slow or prone to crashes or worse – inoperable. This is a great time to tidy up your inventory of applications and workloads and to see which you'll take with you, which to upgrade, and which to leave behind.

LET'S GET STARTED
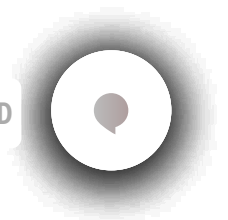
3. Mitigate Risks

Risks are inherent with server migration. There's the obvious risk that your applications many not work properly post-migration (hello, 32-bit software). Furthermore, there's the risk that of the improperly functioning programs, you experience a crucial application suddenly become unavailable. This invariably spells trouble for business operations. And equally perilous is the forced downtime you might be forced to undergo to fix the issues. The best way to mitigate these risks is to planfully approach your migration taking good stock of key applications and data stores, and making sure to create reliable backups of all your crucial applications and data before a single byte is migrated. Smart companies may also stage a migration simulation to try and identify other potential issues which there inevitably are in any moderately complex migration.

4. Create a Rollback Plan

The rollback plan is your fail-safe. If something goes terribly wrong or if there are multiple issues, you should have a means of reverting the changes and returning your servers back to the way they were before you started the migration. You can check out Microsoft's Rollback Planning Guide for reference.

LET'S GET STARTED
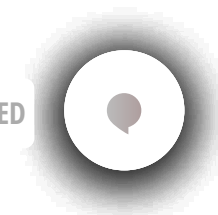
5. Create an Execution Plan

Now that you have made all the necessary precautions, it is time to create a step by step plan to carry out the migration. The big question you need to answer here is whether you will do the migration yourself or get the help of a server migration service provider. If you prefer the first route, you can use Microsoft's Migration Process Guide for reference.

Scalability and Future Thinking

You will likely make use of your new data servers for at least five years so it is best to think ahead. You must plan not just with the current year in mind. You must also consider your potential server needs in the next five to ten years. Make sure your new servers are flexible enough to easily and quickly accommodate expansion and other changes. Going cloud is highly recommended because a cloud computing environment makes scaling your server capacity up or down a non-issue.

If you are not confident about your plan or if you simply want to make sure you do things correctly, contacting an expert is always a good option. We're here and happy to help. Simply click the "Ask an Expert" button below to submit

LET'S GET STARTED
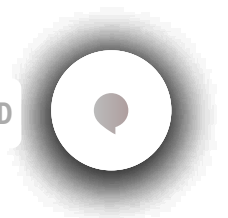
a question and we'll get right back to you with an answer or expert advice.

Curious to learn more? Contact Dynamic Quest, your managed IT service provider?

SPEAK WITH AN EXPERT

MANAGED SERVICES

Managed IT

Managed Service Desk

Managed Cloud Services

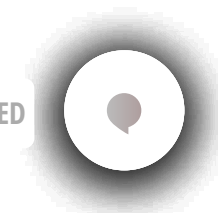Managed Security Services

Managed Backup and Disaster Recovery

VOIP Phone Systems

PROFESSIONAL SERVICES PAGE

IT Projects

Migration Services

LET'S GET STARTED

Office 365

Development

Business Systems Support

Azure Cloud Solutions

Anything as a Service (XAAS)

Carrier Services

ARCHIVES BY SUBJECT

Backup Solutions   Cloud Computing   Company News   Disaster Recovery
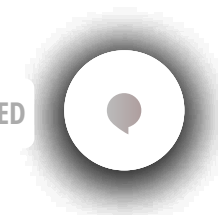
IT Insights   Managed IT Services   Managed Security Services

Security Management   Uncategorized

The average cost of a data breach in the Ur
highest in the world, while the most exper
healthcare industry, with an ave
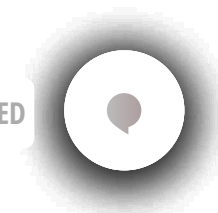
LET'S GET STARTED

Our Vendors

4821 Koger Blvd. Greensboro, NC 27407

Main: 833.437.8378 | Sales: 336.369.0455

OUR COMMITMENT

We're a dedicated team of technology experts covering nearly every aspect of IT, serving clients across multiple industry verticals. Our advice and service is always

LET'S GET STARTED

serving clients across multiple industry verticals. Our advice and service is always strategically focused on furthering your business goals.

OUR SERVICES

Managed IT Services

Managed Help Desk Services

Managed Cloud Services

Managed Security Services

Managed Backup & Disaster Recovery

VoIP Phone Systems

Privacy Policy

Cookie Settings

Sitemap

LET'S GET STARTED