

# WELCOME TO THE GEMINI IBD® INFOGRAPHICS NEWSLETTER

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## HOW TO MIGRATE YOUR BRICK AND MORTAR BUSINESS INTO A VIRTUAL USING MICROSOFT AZURE

### TRENDS THAT JUSTIFY A CLOUD MIGRATION

Just how fast is the cloud computing industry growing?

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- Over 50 Billion industries using the cloud by the end of 2021.
- Annual growth rate over 15%.
- Cloud spending to surpass \$300 Billion in 2021.
- 20% of brick and mortar businesses will have disaster recovery moved to the cloud.



### 3 TYPES OF MIGRATION SCENARIOS

Brick and Mortar stores can either migrate:

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1. On-Premises VMware: Involves migrating a virtual machine to the cloud using the modern agentless-based migration. This means, no installation agent is required.
2. On-Premises Hyper-V Virtual Machines: Migrates virtual machines to Azure cloud. Unlike On-premises VMs, these machines are deployed on Hyper V platform.
3. On-Premises Physical Servers: This operation removes the need for having physical servers by migrating them to the cloud. It treats physical servers as virtual machines. This option also helps migrate from other clouds like AWS, Google cloud, to Azure Cloud.



### HOW DOES THE CLOUD OVERCOME KEY CHALLENGES FACING ON PREMISE IT?

There are many barriers the cloud can help businesses overcome.

The most common include:

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- High Barriers to Entry
- High Operating Costs
- Escalating Data Breaches
- Difficulty Scaling
- Failed Disaster Recoveries
- A Daunting Migration Process



### CASE MIGRATION SCENARIOS

Scenario 1: CSV Option: You can pull all external data in a spreadsheet and upload them to Microsoft Azure Migrator.

Scenario 2: Azure Database Migration: A service to assess if a database is ready for Azure cloud migration.

Scenario 3: VirtualDesktop: Azure can move on-premises virtual desktops to the cloud. It has the visibility to discover who are the users are, their devices, target sizes, and assess whether they are ready to move to the cloud.

