



# PATH TO AZURE DATACENTER PLANNING

## 7 Questions You Must Ask Before Moving Your Workloads to Azure

*"It's often difficult to evaluate which workloads you should move, their dependencies, and how to price out workloads for Azure. Interlink Cloud Advisors makes the process simple and understandable."*

- Matt Scherocman

**120,000**

New Azure customer subscriptions/month



### 1 WHERE CAN I SEE A RETURN ON INVESTMENT (ROI)?

Because every scenario is different, there is no simple equation that can accurately determine cloud ROI. Yet, there are quite a few of ways you will save money by moving your datacenter to Azure.



#### DISCOUNTING OPPORTUNITIES

- Scaling up/down – ability to customize the power to the workload
- Opportunity to leverage Windows Server Hybrid Use Benefit
- Reserved instances



#### ROI DIRECT COST AVOIDANCE

- Server/SAN purchase and maintenance
- Hypervisor licenses/maintenance
- Battery backup, generator, air conditioning, and racks (amortized)
- Power and cooling monthly cost
- Backup solution costs – including off-site rotation
- Datacenter square footage
- Core network infrastructure
- Security infrastructure
- Personnel management costs



#### ROI INDIRECT BENEFITS

- Best fit – can match the workload to the resources needed
- Flexibility – scale up/down as needed
- Inherent redundancy of Azure
- Inherent security/certifications of Azure
- Easier disaster recovery
- Time savings on hardware/network support
- Opex vs. Capex – smooth out cash flows, no major outflows
- Visibility to spending – can easily see what workloads are costing
- Role-based access – ability to give line of business folks access to certain workloads
- Ability to add on solutions in the cloud easily i.e. Tools for big data and Internet of Things

*"Interlink will walk you through your specific ROI scenario, so you can have a good idea of how much money you will save."*

- Matt Scherocman

**150 BILLION**

Azure SQL query requests processed per day



### 2 WHAT ARE THE BENEFITS OF MOVING MY WORKLOADS TO THE CLOUD?

Making the move to a Microsoft Azure datacenter provides you with a reliable and scalable datacenter infrastructure without sacrificing security or compliance needs.



#### SECURE

Rely on security and privacy policies based on industry-leading standards that form the foundation for a cloud you can trust.



#### GLOBAL

Choose a cloud deployment option tailored to the business, compliance, and global needs of your organization.



#### INNOVATIVE

Benefit from our investments in cloud research, strategic partnerships, and unique approaches to global infrastructure.



#### SUSTAINABLE

Move towards a greener datacenter through our commitment to renewable energy.

**>85%**

of Fortune 500 use Microsoft Cloud



### 3 CAN I MOVE MY WORKLOADS?

In most cases, yes!

#### Minimum Requirements for Virtual Machines



Windows 2008 R2 or later



Desktop OS for Dev-test only



Most Linux distributions

**750 MILLION**

Azure ActiveDirectory users



### 4 SHOULD MY WORKLOADS MOVE?

Microsoft Azure provides a multitude of services that enterprises can assemble like building blocks to address a wide array of workloads and applications, but first it is important to consider both the business and technical aspects of a move to the cloud.



#### BUSINESS CONSIDERATIONS

- Large capital expense
- Disaster recovery requirements
- Compliance requirements
- Mergers and acquisitions
- Business philosophy changes



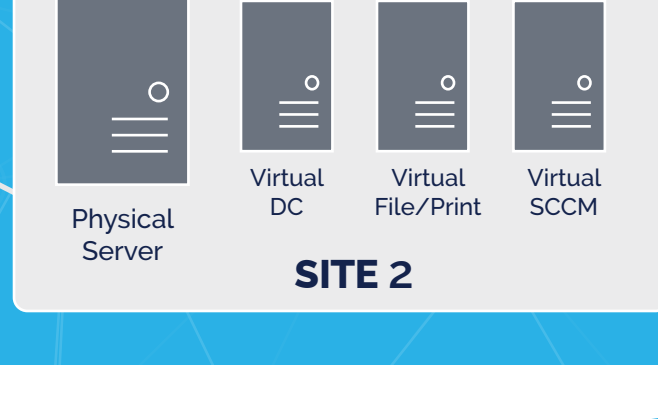
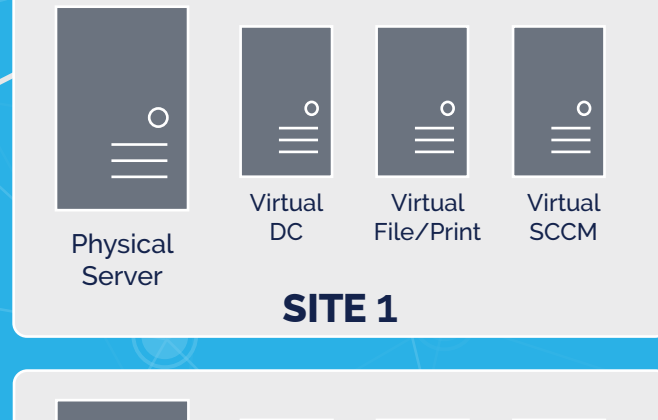
#### TECHNICAL CONSIDERATIONS

- Can I find a SaaS option?
- Transitioning to PaaS
- Application delivery
- Databases/app servers
- File servers – how to handle large files
- Network connectivity

#### THE MOST COMMON SCENARIO



Core Systems in Azure



**120 BILLION**

Hits to websites run on Azure Web App Service



### 5 HOW WILL I MOVE MY WORKLOADS TO AZURE?



#### AZURE MIGRATE

Support for key migration scenarios across servers, data, databases, web apps, and virtual desktops



Azure Migrate - A unified approach to Cloud migration. Provides comprehensive discovery, assessment, and migration capabilities powered by Azure and partner tools.

**60%**

computing in the public cloud by 2025



### 6 HOW MUCH WILL IT COST?

Interlink helps you determine cost of moving your workload to the cloud through a six-step process.

**1**

Gather Performance Data

**2**

Map On-Premise Systems to Azure VMs or PaaS

**3**

Determine Storage Needs: Capacity & Performance

**4**

Identify Networking Requirements

**5**

Determine if we need Citrix/Remote Desktop Services for App Delivery

**6**

Plan for Azure Backup and High Availability

**1/2**

Nearly half of Azure virtual machines are Linux



### 7 ARE THERE ANY "GOTCHAS" I SHOULD WORRY ABOUT?

As with anything, there are a couple of potential "gotchas" you should consider before moving your workloads to Microsoft Azure.



#### LACK OF VISIBILITY

In rare downtime situations there may be a lack of visibility.



#### MICROSOFT SUPPORT

Microsoft support is not included by default. Most clients use Interlink because of our knowledge of Azure AND their business.



#### UNCOVERED COSTS

A Service Level Agreement (SLA) will never cover costs of business interruption.



#### TIME INVESTMENT

You need to invest time in configuring workloads to ensure cost surprises are limited.

**60+**

Current datacenter regions for Azure



## LEARN HOW YOU CAN BENEFIT FROM MOVING YOUR WORKLOADS TO AZURE

Microsoft is offering multiple funding programs that can help you determine if Azure is right for you.

Learn more at:

[WWW.INTERLINK.COM/AZURE-ASSESSMENT-POC](http://WWW.INTERLINK.COM/AZURE-ASSESSMENT-POC)

- No obligation to purchase Azure
- Some options for free Azure during testing
- Some restrictions apply\*

\*see website for details



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