NUTANIX™

QUESTIONS YOU NEED TO ANSWER BEFORE BUILDING A HYBRID CLOUD

ASSESS YOUR HYBRID CLOUD NEEDS

Digital transformation is inevitable for companies wishing to succeed in the digital era—and evolving your cloud strategy is key. But before you set out to build a hybrid cloud, ask yourself a few important questions about where your business is and where it should be to determine your cloud evolution journey. Here are five to get you started:

1

Which public clouds and CSPs is your business using? Which should you be using?

2

Which of your applications and services best suit the cloud? Which applications should be on-premises?

3

What new business initiatives are on your priority list? How are those likely to translate into infrastructure, application, and service needs?
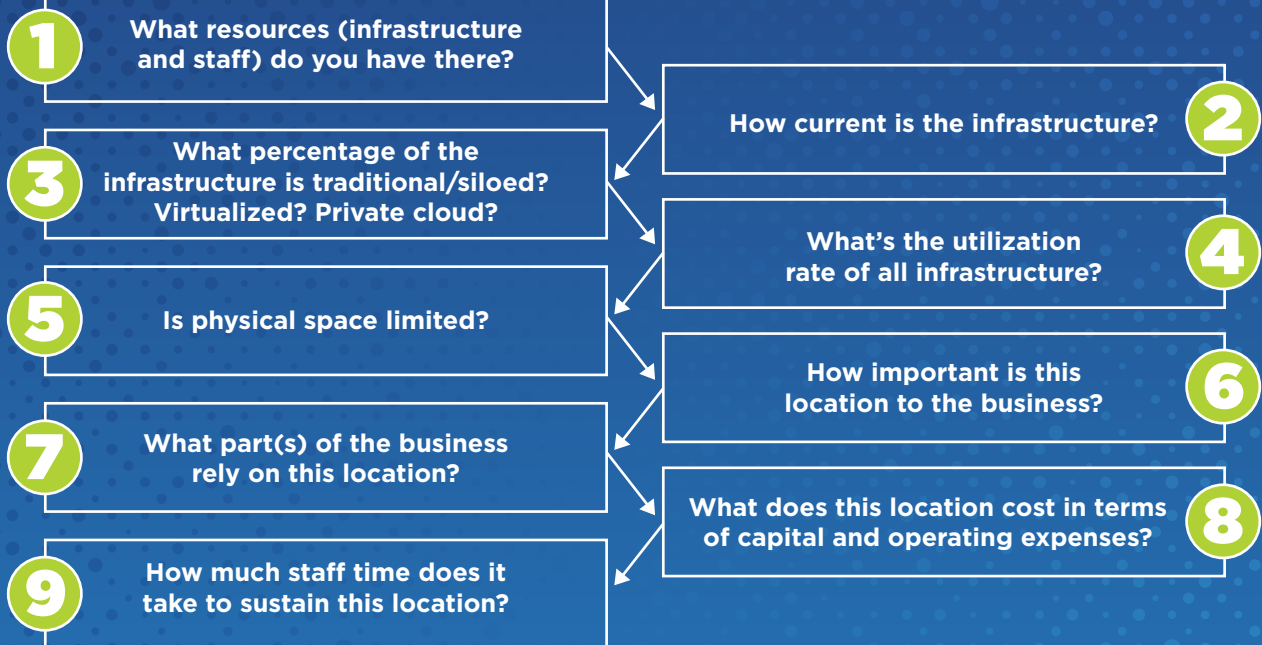
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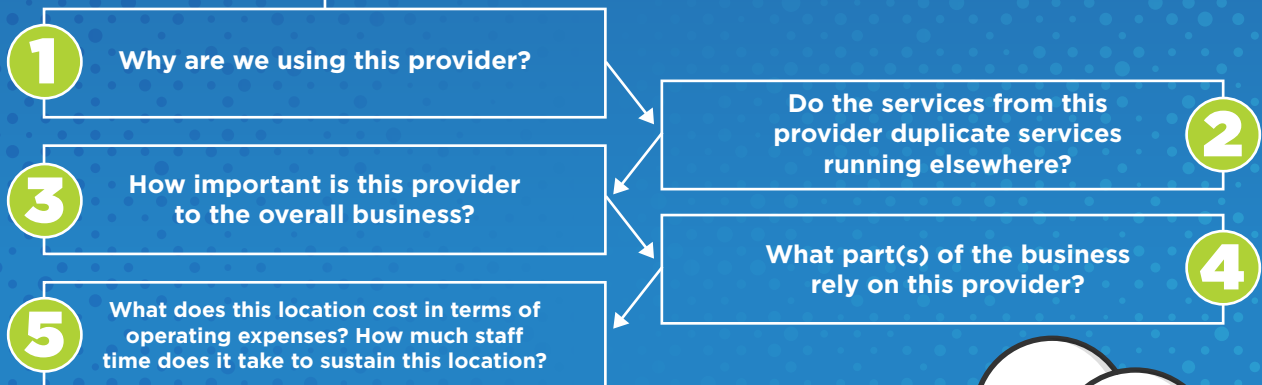**What guidelines will you use to make hybrid cloud decisions?**

5

What are your primary hybrid cloud goals?

ASSESS THE CURRENT STATE OF YOUR OPERATIONS

Assessing the entirety of your IT operations is a daunting task. To begin, you'll first have to determine locations that have IT infrastructure, services, and data. For each location where you own infrastructure, ask yourself:

1 What resources (infrastructure and staff) do you have there?

2 How current is the infrastructure?

3 What percentage of the infrastructure is traditional/siloed? Virtualized? Private cloud?

4 What's the utilization rate of all infrastructure?

5 Is physical space limited?

6 How important is this location to the business?

7 What part(s) of the business rely on this location?

8 What does this location cost in terms of capital and operating expenses?

9 How much staff time does it take to sustain this location?

When it comes to cloud providers, the questions you'll ask yourself are similar:

1 Why are we using this provider?

2 Do the services from this provider duplicate services running elsewhere?

3 How important is this provider to the overall business?

4 What part(s) of the business rely on this provider?

5 What does this location cost in terms of operating expenses? How much staff time does it take to sustain this location?

Now it's time to identify and prioritize the important workloads running at each location. Here are some more questions to get you started:

1 What is the workload?

2 Why is the workload running in this location?

3 What resources is it consuming (computing, storage, network bandwidth)?

4 How important is the workload to the business?

5 Who depends on this workload?

6 Who manages this workload? Does it have any special management or monitoring requirements?

7 What other applications/services is this workload associated with/connected to?

8 How is the workload protected? Is the associated data in multiple locations?

9 What regulatory and security requirements do the workloads have?

10 What's the total IT budget commitment to this workload?

Deliver a state-of-the-art hybrid cloud!
Read the O'Reilly eBook *Designing and Building a Hybrid Cloud* to get started.

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