

# Cloud Infrastructure Architectural Assessment

*Whether you have decided to migrate your traditional IT workloads to the cloud or are starting a brand-new development, building a cloud infrastructure that will support your growing business needs is a necessity.*

*Many organizations hesitate the move to the cloud because they are scared of the unknown. They are not sure whether their application is ready for the cloud, whether it is secure or whether it will be performant. At the same time, their competitors gain market share by delivering new products at a fast pace. Others are already in the cloud but feel lost amongst the plethora of cloud services announced every day. They need help understanding how to leverage those new services to their advantage and build new features even faster.*

*Taking a fresh look at your IT infrastructure gives you the opportunity to gauge your cloud strategy and adjust it for the future. Our Cloud Infrastructure Architectural Assessment delivers this fresh look that your business and IT teams needed for a while.*

## Our Approach

Our methodical process takes you through three comprehensive architectural assessment steps allowing you to take another view not only of your application infrastructure but also of your business needs and processes, customers and data. Our cloud experts partner with your leadership, business owners, and IT team to gather knowledge about your business and its application and infrastructure requirements.

## Discovery Phase

We start with discovery workshops where we evaluate your business needs, learn about your customers and map your business requirements to application workflows and infrastructure components. We also use those workshops to classify the data you collect from your users and identify the needs for data storage and protection as well as to understand your business and IT processes.

You immediately gain value from our approach by taking

## Areas we assess

- Compute Workloads
- Networking
- Storage and Data Types
- Infrastructure Security
- Monitoring and Alerting
- Automation
- Scale and Performance
- High-Availability (HA)
- Disaster Recovery (DR)

## Clouds we know

- Microsoft Azure
- Amazon AWS

Cloud Infrastructure Architectural Assessment Process		
Discover	Verify	Blueprint
<ul style="list-style-type: none"> <li>• Business processes</li> <li>• Customer personas</li> <li>• Data types and classification</li> <li>• IT processes</li> <li>• Application needs</li> <li>• Infrastructure needs</li> </ul>	<ul style="list-style-type: none"> <li>• Environment scan</li> <li>• Current architecture diagram</li> <li>• Architectural improvements</li> <li>• Process improvements</li> </ul>	<ul style="list-style-type: none"> <li>• Future-proof architecture</li> <li>• Introduction of new cloud services</li> <li>• IT process improvements</li> <li>• Security improvements</li> </ul>

a step back and looking holistically at your business, application and infrastructure needs. Something lot of businesses forget to do once they get into the weeds of implementation.

At the completion of the Discovery Phase, we deliver the following artifacts in the forms of one-pagers:

- Customer Personas
- Infrastructure requirements
- Data types and classification

### Verification Phase

Once the initial discovery sessions are complete, we request read-only access to your application environment where we can run our proprietary tools and collect details about your application infrastructure. The goal of this phase is to validate your business expectations towards your current cloud infrastructure against the real implementation of it. It is surprising how far the

implementation diverges from the initial expectations.

In this phase, your business owners and IT team can get together and review the delta between the business requirements and the actual implementation. That allows them to have an honest discussion about the next steps for improvements.

The one-page artifacts delivered in this phase include:

- Diagram of the current infrastructure architecture
- Recommended improvements to the current architecture

### Blueprint Phase

Now, that we have a good understanding of your business, customers and current application infrastructure, our cloud experts put their brains together and build a blueprint for your future-proof cloud application infrastructure. This blueprint leverages cutting-edge technologies like containers,

serverless, machine learning or cognitive services that will allow you to stay competitive in your industry for years to come.

As a result, you learn how you can tap into the power of the cloud to support more customers at lower cost, better secure your infrastructure or improve your internal IT processes.

At the end of this phase we deliver:

- Diagram of the proposed infrastructure architecture
- Architectural guidance document

*Our engagement doesn't have to end here. Depending on your needs, we can help you with the creation of a detailed roadmap bringing you to the desired state, improve your business or IT processes or evaluate your cloud spending and budgeting approach.*

*Contact us to learn more about our assessment services!*

