MICROSOFT AZURE OPTIMISATION SERVICES

MICROSOFT AZURE

As organisations look to build greater agility into their IT Infrastructure, leveraging the public cloud has become key, either fulfilling the role as the primary platform of choice or playing a significant part in a hybrid cloud environment.

Microsoft Azure is one of the leading public cloud offerings, providing a comprehensive set of services on-demand to organisations. Traditional IaaS and PaaS consumption is complemented with a wide range of services that includes applications, security, development tools, back-up, management and analytics to name but a few.

The benefits of Azure are wide reaching, providing organisations with unlimited capacity and scalability, the ability to consume infrastructure as a cost-effective operating expense, and access to ready-made environments and services that can be spun-up at lightning speed.

HOW WE HELP YOU MAXIMISE MICROSOFT AZURE

With such breadth of service also comes complexity and this is where ONI can help. As a Microsoft Azure specialist, we can help design and provision the services that are right for you.

We assist in the design, migration or deployment of workloads into public cloud infrastructure and, most importantly, continually optimise the services, performance and value you get from the Azure platform.

CLOUD READINESS

If you are looking to locate some, or all, of your workloads in the cloud, we will help you evaluate your options and prepare for migration.

By taking the time to understand your business, your current infrastructure and what it is you are trying to achieve, we are able to advise you on the different options applicable to you.

We provide you with a migration roadmap, benefits baseline and cost analysis; all of which can be used to help cement the business case for a migration to Microsoft Azure.

DESIGN & PLANNING

Whether you are embarking on an initial move to Microsoft Azure or looking to expand your usage by migrating more workloads to this platform, we can assist you in the design and planning of this cloud infrastructure.

We review every aspect of the environment you are looking to migrate including required performance, resilience, security, compliance, and data sovereignty.

We then formulate the desired state, ensuring we preserve key requirements you have today, whilst planning in the capabilities you require tomorrow.

The output of this process is a detailed design of your Microsoft Azure environment, which defines both the infrastructure and services that you will utilise.

We provide you with a detailed roadmap for migration, ensuring a smooth transition and minimising risk to business-critical applications.

MIGRATION & IMPLEMENTATION

With decades of experience in on-premises, private and public cloud environments, our team are ideally positioned to assist you with the implementation of your Microsoft Azure environment and the migration of your workloads.

We work with you to turn your roadmap into a detailed project plan, identifying each task and the dependencies. With deep expertise in the Microsoft Azure platform, our team can help you to transition smoothly while ensuring we build the knowledge and skills required in your team to manage this environment.

MICROSOFT AZURE OPTIMISATION SERVICES

For organisations that are already utilising Microsoft Azure, we offer a full optimisation service, focussed on ensuring that you are gaining the maximum value from this public cloud platform for the lowest possible cost.

Azure is a comprehensive platform with many options and services available to you. It is continually evolving; in the last twelve months alone over 600 new services have been introduced and for most organisations, it is impossible to keep pace with what tools, options and plans they should be utilising.

This has an impact on the value you are gaining from your Azure services. In our experience, over time organisations are paying 15-20% more for their services than is necessary, simply because they are not aware of alternatives.

We also find many organisations have limited visibility of future costs and in some cases suffer 'bill shock', where expenditure is far higher than expected and budgeted.

Our Microsoft Azure Optimisation Service is designed to analyse the services you are utilising now and ensure these are fully optimised in terms of cost, performance and delivering on your needs. It also explores what other services you could be using to meet the needs of your business and deliver greater value.

THE SCOPE OF OUR ANALYSIS

Our deep understanding of Microsoft Azure, combined with the fact that we live and breath this platform every day, means we know exactly where to look and what to look for in optimising your usage.

We cover every aspect of your services with particular emphasis in the following areas:

INFRASTRUCTURE

Our ultimate goal is to ensure you are utilising the right infrastructure services for the right value. We review your use of servers and analyse if you are getting the best possible performance from virtual machines.

With Microsoft constantly introducing new servers at better price points, we make sure that you are making the best use of these.

We take a look at your usage of Availability Sets and Availability Zones, ensuring that critical services are replicated over multiple servers and, in some cases, sites to ensure the required level of availability and continuity.

We review your usage of managed and unmanaged disks, aligning your needs to the best possible cost options as well as ensuring you are taking advantage of encryption at rest.

PLATFORMS

We review any platform services you may be using such as App Services, SQL Services and Data Services to not only ensure you are getting the best possible performance, but that you have these configured in the right way to provide the continuity and availability that you require.

NETWORKING

As part of our service we take a look at every aspect of the networking within your Azure environment including virtual networks, subnets, VNet peering, user defined routes and virtual network gateways, making recommendations on any remedial changes required to improve performance and availability.

We also take a look at the sizing of ExpressRoute circuits and review Metered Bandwidth to ensure that this is best optimised against your requirements and usage.

SECURITY

Our review looks at the steps you are taking to mitigate risk to the business from a security perspective. Through utilising the tools available, we analyse your use of Network Security Groups to ensure these are being assigned at the right level.

We ensure that best practice is being followed in terms of public IP addresses, Azure AD Connect, Subscription Permissions and removing users who have left the business.

We also make recommendation of additional security services you could, or should, be utilising to mitigate risk, including Azure Threat Protection.

MONITORING & MANAGEMENT

Our optimisation service also reviews your processes for monitoring and managing your Azure environment ensuring that you are doing this in the best possible way.

We review what alerts you have in place and your utilisation of Log Analytics to support operational management.

We review patch and software update management to ensure that the required housekeeping is in order, and we also make recommendations on how you can achieve tighter controls over the costs of the services you are consuming.

ONGOING LIFECYCLE SERVICES

Optimising your usage of Microsoft Azure services is not a one-off process, but something that should span the full lifecycle.

The savings and value that you can gain today will undoubtedly be different to the savings and value you could gain in one month or three months' time as the needs of your business changes and so too the capabilities, services and plans available in Microsoft Azure.

To address this, we offer a range of ongoing lifecycle services and managed services to assist our customers to continually optimise and gain the best possible benefits from their Azure environment.

REGULAR OPTIMISATION REVIEWS

We offer our optimisation services on an ongoing basis where at intervals applicable to you, we perform reviews of you Microsoft Azure environment.

We analyse all of the aspects covered in our initial review, taking into account any changes in your requirements and leveraging our up-to-date understanding of the Azure platform.

By doing this on a frequent basis we are able to ensure that you continue to get the best value from your investment, deliver the best performance, resilience and security for users, and retain close alignment to the current and future needs of the business.

MANAGED SERVICES

We also offer a range of managed services to support customers with the day-to-day monitoring, configuration and management of their Azure environment.

This includes leveraging all of the tools available to continually analyse and optimise performance, proactively identifying and addressing issues and manage every aspect of housekeeping including software updates, patch management, back-ups and user management.

? WHY ONI?

Established in 1992, ONI plc is a leading provider of IT solutions and services for both public and commercial customers. Privately owned, our focus is in helping customer to gain the best possible advantage from their IT and Communications infrastructure.

Our expertise and experience spans on-premises infrastructure and both public and private cloud environments, this perfectly positioning us to assist our customers as they create hybrid environments to deliver the technology agility that their businesses need.

As a company we take an agnostic approach, this means we put the needs of our customers first, taking the time to understand what you are trying to achieve and then architecting the IT solution that will deliver the outcomes you are looking for.

Why ONI? We believe it comes down to the fact that we excel in the following areas:

CUSTOMER FOCUSSED

Many of our customers have been customers for many years. This is because we invest in fully understanding their business and continually add value.

We help them to navigate the sometimes complex world of technology and maximise their return on investment.

SERVICE LED

We support many of our customers' mission critical environments and providing a highly responsive and effective service is part of our DNA.

We operate a 24x7 Technical Assistance Centre where our award-winning technical team pro-actively manage and support customer environments while ensuring that when customers need us we are always there.

EXPERTISE

We invest heavily in our people to ensure that they have the skills and expertise to deliver on the solutions and services that we offer.

This expertise spans on-premises solutions, data centre environments and both public and private cloud. This enables us to not only assist our clients to migrate across these environments but also to operate a hybrid strategy.

EXPERIENCE

With almost three decades of experience across both the public and private sector, with ONI you gain a partner you can trust that can add the value of having worked with organisations like yours.

We constantly learn in order to ensure that the services we provide are based on the very best practices.

STRONG FINANCIAL STABILITY

As a privately owned business operating since 1992, we offer our customers the peace of mind of strong financial stability. We have shown consistent growth over the past decade and are proud of our Experian credit rating of 100, the very highest you can achieve.

AVAILABLE FROM ONI:

- Managed Services & Support

- Hosting & Colocation

- Networking & Connectivity

- Back-Up & Disaster Recovery

- Cybersecurity Solutions

- Contact Centre Solutions

- Mobility & Collaboration

- Unified Communications

- Public & Private Cloud Infrastructure