

CLOUD AUTOMATION CONSULTING (AZURE)

APPLY DEVOPS METHODS TO AUTOMATE KEY PROCESSES AND MAXIMISE THE VALUE OF YOUR CLOUD INVESTMENTS

NODE4'S CLOUD AUTOMATION CONSULTING ALLOWS CLIENTS TO MAXIMISE THE VALUE OF THEIR INVESTMENT IN CLOUD TECHNOLOGIES. WE DO THIS BY WORKING WITH IN-HOUSE TEAMS TO ADOPT/ MAINTAIN DEVOPS PRACTICES SO THAT AUTOMATION IS BAKED INTO CLOUD OPERATIONS.

WE PROVIDE AN END-TO-END SERVICE INCLUDING DESIGNING AND IMPLEMENTING DEVOPS TOOLS AND KNOWLEDGE TRANSFER TO IN-HOUSE TEAMS.

The Cloud Automation Consulting service provides a set of modular DevOps workflows to help you deploy pre-packaged environments for network, compute, etc. that fit your existing architecture and governance.

WE'LL HELP YOU:

- Define your approach
- Set naming standards for projects
- Establish pipelines for deployment (CI/CD)
- Create service principals (to allow DevOps access to your Azure tenant)
- Set up Git for source control
- Put in place agile boards for ongoing issue tracking and resolution.

Effectively, we create a "vending machine" of workflows that can be used to deploy infrastructure as code - such as landing zones. You can take that "vending machine" and create a cloud centre of excellence (CCoE) for responding to your organisation's business requirements, or simply use it as a tool to efficiently deploy resources.

KEY FEATURES

- Establish manageable, repeatable and secure DevOps workflows that automate key processes.
- Delivered by Certified Cloud Architects from an Azure Expert MSP partner.

KEY BENEFITS

- ✓ Rapid deployment of a secure, compliant Azure DevOps (ADO) environment
- ✓ Cloud adoption aligned to Microsoft's published best practices without a steep learning curve
- ✓ Consistent governance across the Azure estate through automation
- ✓ Accelerated cloud transformation and innovation
- ✓ Built in security controls to match business and regulatory requirements
- ✓ Access to certified Azure architects for expert advice
- ✓ Assurance that you remain compliant with regulatory standards
- ✓ Facilitates agile delivery of cloud resources to meet business demand
- ✓ Ability to focus on the areas that are important to your organisation
- ✓ Addresses cloud skills gaps through knowledge transfer

- Fully aligned to, and builds upon, the Microsoft Cloud Adoption Framework for Azure and Microsoft's Azure best practices.
- Integrated with other Node4 consulting engagements to help your organisation on its journey to the cloud.
- Accelerates time-to-value while ensuring security, compliance, and operational efficiency.
- Ongoing management available through Managed Services add-on.
- Aligned to industry regulations and standards such as ISO 27001, UK Police NEP, NHS, and MOD standards. Aligned to industry regulations and standards such as ISO 27001, UK Police NEP, NHS, and MOD standards.
- Customisable engagement to suit your organisation's specific requirements.
- Integrated with other Node4 services such as Cloud Centre of Excellence.

HOW DOES THE ENGAGEMENT WORK?

As a Consulting engagement, we can adjust it to meet your exact requirements but, in general, our Cloud Automation Consulting service works as follows:

- Design and Planning Workshop, facilitated by an expert Azure Consultant, to establish business and technical requirements. We always start from the position of “what are the business challenges driving this?” and never from a pure technical standpoint. The secondary purpose of the workshop is to explain key concepts and to ensure that the reasoning behind any design decisions is clearly understood.
- Production of design documentation and operational test plans.
- Deployment of Azure DevOps (ADO), in line with the agreed design.
- Functional testing to ensure that each of the requirements and associated design decisions has been implemented in accordance with the design.

CLIENT DEPENDENCIES

We'll need some information from you, to make sure that we're able to carry out the engagement and provide the expected output:

- Attendance at the Design and Planning Workshop from people with business and technical knowledge of the areas above.

- Timely approval of the design documentation so that we can proceed with deployment without delay.
- Administrative access to your Microsoft Azure tenant. If you don't have one yet, we have other services to help with that (e.g. Cloud Deployment Services).
- Support to navigate any change management processes that we need to work within.
- We'll also need you to manage the relationships with any third parties that are involved. We're happy to speak with your business partners where necessary, but we need you to own the discussion.

WHAT WILL I GET AT THE END OF THE ENGAGEMENT?

In addition to the features and benefits listed throughout this document you can expect to receive:

- Azure DevOps configured and DevOps workflows deployed in accordance with the design documentation created as part of the engagement.
- Clear next steps for how to move forwards on your Azure journey (e.g. Cloud Centre of Excellence).

FOR MORE INFORMATION

Speak to your Node4 representative, or contact us using the details at the bottom of the page.

THE NODE4 PUBLIC CLOUD JOURNEY

Our journey map shows how this engagement complements other Node4 services on your organisation's cloud journey

