

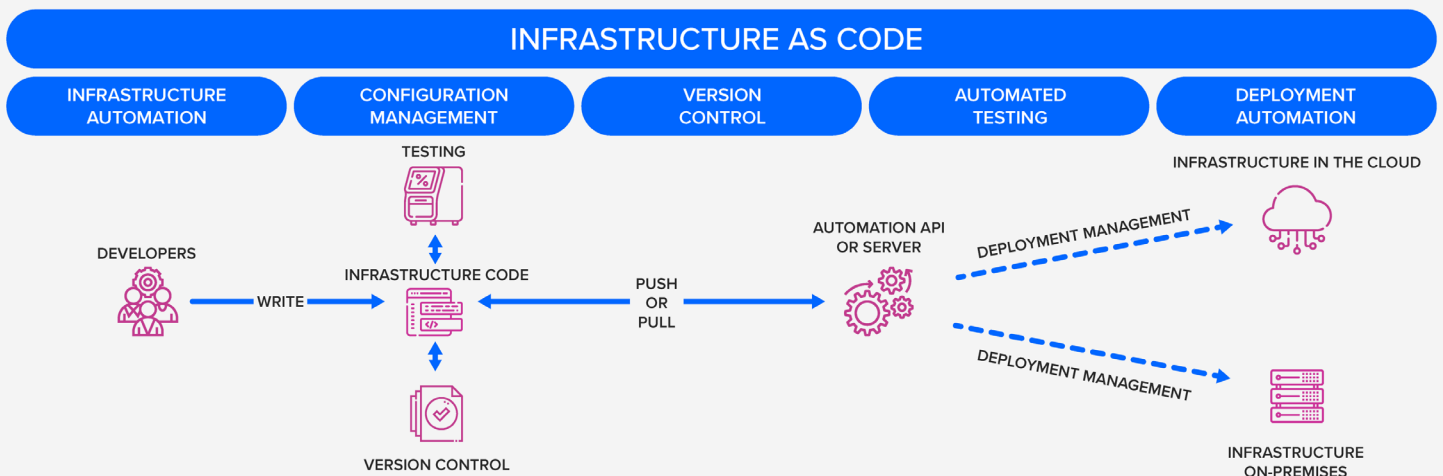
INFRASTRUCTURE AS CODE – DEFINE AND AUTOMATE

Streamline infrastructure management and provisioning, enhancing scalability and achieving cost savings through resource efficiencies.
Beyond Cloud.



Infrastructure as Code (IaC) is the process of provisioning and configuring an environment through code instead of manually setting up the required devices and systems. Once code parameters are defined, developers run scripts, and the IaC platform builds the cloud infrastructure automatically.

Such automations enable you to create your desired cloud setting quickly to test and run your software. IaC allows you to generate any infrastructure component you need – including networks, load balancers, databases, virtual machines, and connection types.



Infrastructure as Code Service Benefits

Enhance scalability by replacing manual configuration with intelligent code.



Achieve cost savings by reducing long-term professional services requirements.



Reduce your time to market with faster deployment methods.

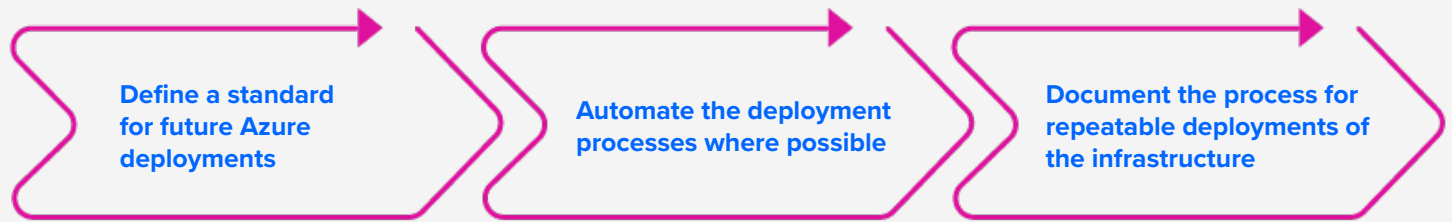


Enhanced reliability ensures consistent deployment of your services.



Infrastructure as Code Service Process

We provide a one-time Professional Service engagement to:



By designing and building automation, subsequent deployments can be achieved with less Professional Services time required, saving you delivery time and reducing cost.

Infrastructure as Code Service Outputs



Low-Level Design Documentation

We design the standardised Azure infrastructure and server configuration, which can be deployed for each environment. We provide a logical design of the actual program code, and our LLD describes the class diagrams with the methods and relations between classes and program specifications. It describes the modules so that the programmer can code the program directly from the document.

Deployment Templates

Our automation design includes your new infrastructure deployment templates, operating system configuration templates, deployment scripts and/or pipelines for your new environment. This is a detailed deployment map that will enable you to deploy your environment using IaC in a consistent and reliable manner.



Process and Build Request Documentation

Process documentation is created for Six Degrees' Professional Services engineers to deploy the standardised infrastructure on a repeatable basis for your organisation. These detailed build documents enable either Six Degrees' or in-house engineers to deploy your service a lot faster than standard deployment methods.

**Our
Credentials:**



Azure
Expert
MSP

Microsoft
Partner

Gold Cloud Platform
Gold Cloud Productivity
Gold Security
Gold Data Analytics
Gold Application Integration



For more information about the Infrastructure as Code service,
please contact sales@6dg.co.uk or call 0800 012 8060.