

# IaC Sample Definitions

Source	Definitions
[S01]	... is the management of infrastructure (...) in a descriptive model, using the same versioning as DevOps team uses for source code. ..., an IaC model generates the same environment every time it is applied. ... a key DevOps practice and is used in conjunction with continuous delivery. .... Teams avoid manual configuration of environments and enforce consistency by representing the desired state of their environments via code.
[S03]	... is a type of IT setup wherein developers or operations teams automatically manage and provision the technology stack for an application through software, rather than using a manual process ... .. referred to as programmable or software-defined infrastructure.... uses higher-level or descriptive language to code more versatile and adaptive provisioning and deployment processes. ... closely resembles software design practices...
[S04]	Infrastructure as code, or programmable infrastructure, means writing code (... a high level language or any descriptive language) to manage configurations and automate provisioning of infrastructure in addition to deployments. ... not simply writing scripts, but involves using tested and proven software development practices ... write code to provision and manage your server, in addition to automating processes.
[S09]	... a method of provisioning IT infrastructure that combines automation with virtualization. ..., configurations are managed and provisioned through machine-readable definition files that generate service components. ... a much more reliable and flexible approach to scripting or the manual setup ...
[S21]	... is the concept of deploying and configuring IT infrastructure in an automated way by using machine-readable blueprints rather than manually ... IaC speeds up infrastructure deployment and allows for rapid iteration. ... also eliminates ... (snowflakes) and builds consistency and repeatability to the infrastructure development/deployment process. ... IaC allows teams to embrace proven software development practices and bring them into the infrastructure world.

[S24]	... is the ability to programmatically manage and provision an entire technology stack through software or code, rather than using manual and complex processes and outdated documentation for configuring hardware devices and operating system components. ... Infrastructure changes become repeatable processes with ... minimal manual user interventions.
Kief Morris	Infrastructure as code is an approach to managing IT infrastructure for the age of cloud, microservices, and continuous delivery.