

Case Study

Virgin Media O2

Virgin Media shapes their POCs and dramatically cuts deployment times



Virgin Media O2's Digital Security Team uses GCP to deploy and manage multiple Proofs of Concept (POC) environments that they use to test new architectures, applications, and capabilities for their growing company. Traditionally, these environments were set up using a variety of tools, sometimes taking hours to complete.

Their team embraced env0 and shortened deployment times to less than ten minutes using a single click and a small set of variables.

Since introducing this new process, internal teams are lining up to join the platform because of its **ease of use** and speed.



Virgin media O2 Challenge

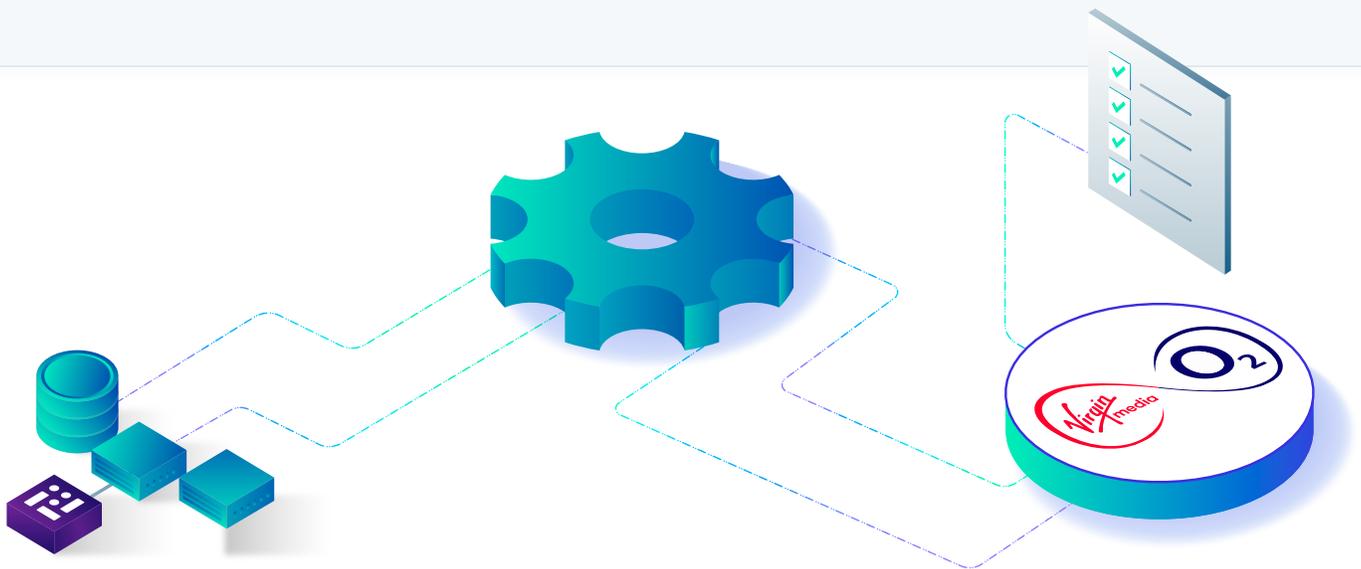
When a department needed to deliver a POC, they previously needed to know how to use multiple tools to achieve success. They would initially have to create a GitLab project, get access to credentials to supply to the project, spin up a virtual environment somewhere, and even peer the new environment to other environments or the Internet.



Once the environment had been created, there were other needed post-deployment steps. This process was extensive, and had multiple challenges along the way. Virgin Media O2 selected env0 to address several concerns:

- ✔ Reduction in deployment times
- ✔ Ease impact from technical debt
- ✔ Protect from service account compromises
- ✔ Ease new department onboarding

Moving to a managed IaC management platform allowed them to address these concerns, and gain more control over their IaC deployments.



The env0 solution

Moving IaC automation and execution to env0 was an easy decision for Virgin Media O2. The env0 capabilities allowed them to control their biggest challenges—all under one umbrella—while giving teams increased flexibility and control over what they need to do in order to accomplish their end goal.



Technical debt reduction

By using env0, deployments are no longer being abandoned and left in unknown states after they are no longer needed. Deployments are set to expire and if a new one is needed, it can be created within minutes, ensuring the requirements are up-to-date, not to mention the **cost savings** associated with controlling cloud sprawl.

Seamless integration

Prior to env0, Virgin Media O2 teams first started defining their project in GitLab. After the project was defined, they needed to create credentials and inject them, often leaving them susceptible to a security breach, depending on where those credentials ended up. By managing this with env0, the entire process is now automated and steps previously missed, forgotten, or improperly completed, are now controlled by env0.

Streamlined Deployment

A deployment traditionally took hours to stand up. With the complexities involved around ensuring runners were configured properly, to the copy and pasting of keys, and configuration of NAT and peering, it could take up to half a day to set up a single POC deployment. Now, with a simple click and as few as five variables, a proof of concept can be **created in less than 10 minutes**.



Prior to env0, employees were thrown in the deep end and had to learn how to swim on their own. Now, we have a set of steps in place to ensure everyone thrives, and no one sinks due to the framework, process, and integrations env0 gives us.



Henry Tze

Cloud and IaC Security Engineer



The Benefit to Virgin Media O2

Using env0, Virgin Media O2 tamed the wild-West deployments, bringing them all under a simple to use interface. **The Virgin Media O2 team has seen usage grow month-over-month, with multiple new teams eager to onboard the solution.** They've reduced technical debt by using TTLs to remove unused environments, and they've addressed their security concerns by automating the generation and integration of service accounts.

In Virgin Media O2's own words, they've created a "vending machine" of options for teams to quickly create environments to deliver, enabling the business to thrive and grow.



About env0

env0 is the best way to deploy and manage your IaC, including Terraform, Kubernetes, and others. The env0 platform enables users and teams to collaborate and provide self-service cloud deployments, all with advanced policies to meet governance and compliance. With env0, every engineer, from development, operations, and DevOps can deploy infrastructure simply, quickly and safely. Maximum productivity, minimum friction.