

When scaling environments, how have you ensured consistency across all deployed instances in the past?

Version control is the key factor to consistency in evolving products or systems

- version control of the source code
- version control of components
- version control or alignment for user stories

which allows testing, security and infrastructure disciplines to introduce

- version related tests
- version related monitoring and altering
- version related dependency libraries, container/vm or instance images

The key to the system is that each related increment has a counterpart at each stage that is validated and assured - that will often mean that the tests, infrastructure code or deployment details are identical - but they move in step with the code. This allows machine based (rule based) systems to confirm that the configuration, settings, infrastructure, tests and subsequent assurances delivered to the business are aligned.