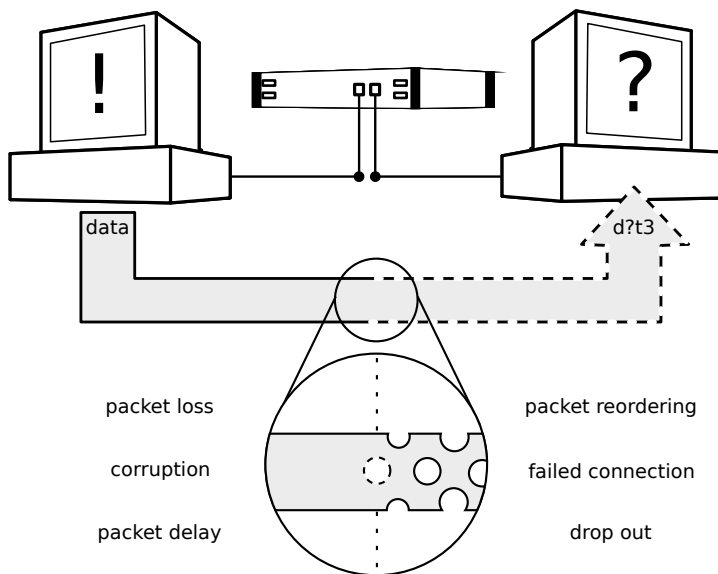


Overview

- Reduce development costs
- Save on manual testing overhead
- Find stability issues
- Improve bandwidth usage
- Empower continuous integration
- Encourages Test Driven Development
- Generates logging and metrics
- Fully automated
- Industry standard protocols



What is it all about?

The Effects Server is a device designed to bridge two physical networks and introduce effects onto specific links between addresses on those two networks. These effects perturb network traffic in a configurable manner, including packet loss and reordering of packets.

The Effects Server is designed to enable testing of applications by the easy reproduction of issues found in real-world environments, which may be difficult to otherwise recreate under lab conditions. In particular, the effects provided aim to provide realistic simulations of typical lossy and unreliable network connections.

Plenty of effects

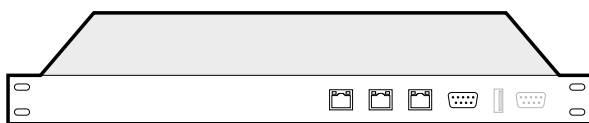
The Effects Server comes preloaded with 7 powerful effects which can be combined in any way to simulate the 'network weather' of your target environment.

The Effects Server provides any number of point to point links on which you can specify combinations of effects. Each link can be configured to simulate different real world environments or to specifically engineer network weather that helps you find stability issues in your applications.

Integration now

The Effects Server acts as a drop in replacement for a bridge. It doesn't effect your existing network topology and has separate network interfaces for testing and configuration. Links and effects are configured with a familiar command line interface.

The Effects Server is a great addition to any continuous integration environment, helping to drive TDD with networked products which has traditionally been hard to accomplish without manual manipulation of hardware or software. Alternatively the Effects Server is a great tool for a manual QA team, giving them to power to harm traffic on demand.



"Generate network weather on demand to ensure your product is ready for the cloud."

- **Johnathan Turrall**
Bubblephone's CTO

Compliance

1x 10/100 RJ45 Management ethernet console
Host-to-host links between ISO Layer 3 IPs
Network effects on ISO Layer 2 traffic
2x 10/100 RJ45 Bridged ethernet interfaces

1U 19" square-hole four-post rackmount
90-264V AC
Low power, heat and noise
Bridges network traffic

