Unikernels

Scalable, secure cloud computing

The application, runtime, and operating system are statically compiled into a single binary.



Compiled binaries are then deployed on rented cloud infrastructure.

## Improved security

* Hardware process isolation
* Reduced attack surface (compared to VMs and containers)

## Improved scalability

* Instant boot and shutdown – pay only for the processor time you actually need
* Fewer layers at runtime = reduced overhead of context-switching