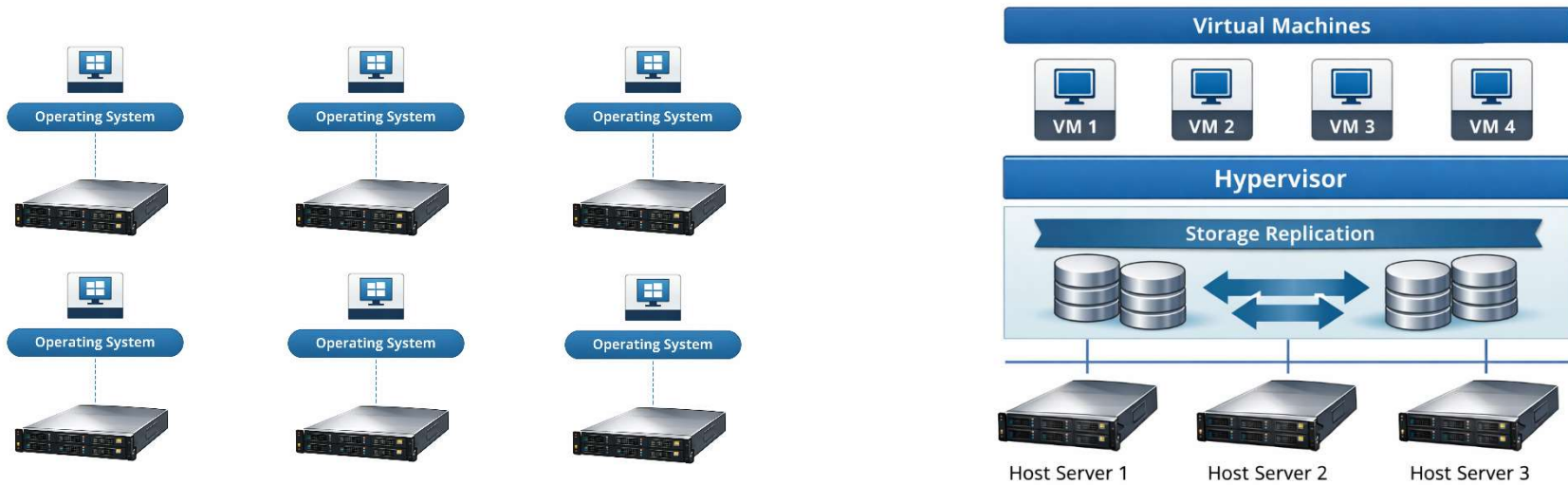


Figure 1



Traditional Servers

Like your home computer, each physical server runs a single operating system (such as Windows) and is generally dedicated to one application. The City would require 60+ individual physical servers, and a new server would need to be purchased each time an additional application is introduced.

Host Servers

Operating systems are now virtual machines (VMs). A hypervisor is installed on each powerful host server and is responsible for scheduling resources so multiple VMs can run simultaneously. The City only needs 3 physical servers to run 60+ VMs and can add new VMs for new applications at any time with no additional hardware cost.

Energy Efficient - Fewer physical servers significantly reduce power and cooling needs.

Availability - Virtual machines automatically restart or move to another host if a failure occurs.

Easier to Manager – Centralized management of 3 hosts lowers administrative effort and operating costs.

Flexible – New virtual machines can be added without new hardware over 4-6yrs life span

Protected – Real-time site-to-site replication protects against hardware and site failures.