

# Resource Pooling



- ‘The provider’s computing resources are pooled to serve multiple consumers using a multi-tenant model, with different physical and virtual resources dynamically assigned and reassigned according to consumer demand. There is a sense of location independence in that the customer generally has no control or knowledge over the exact location of the provided resources but may be able to specify location at a higher level of abstraction (e.g., country, state, or datacenter). Examples of resources include storage, processing, memory, and network bandwidth.’ *NIST*

# Resource Pooling – Processing and Memory

- Hypervisor demo

# Resource Pooling – Storage



Tenant 1

Server 1

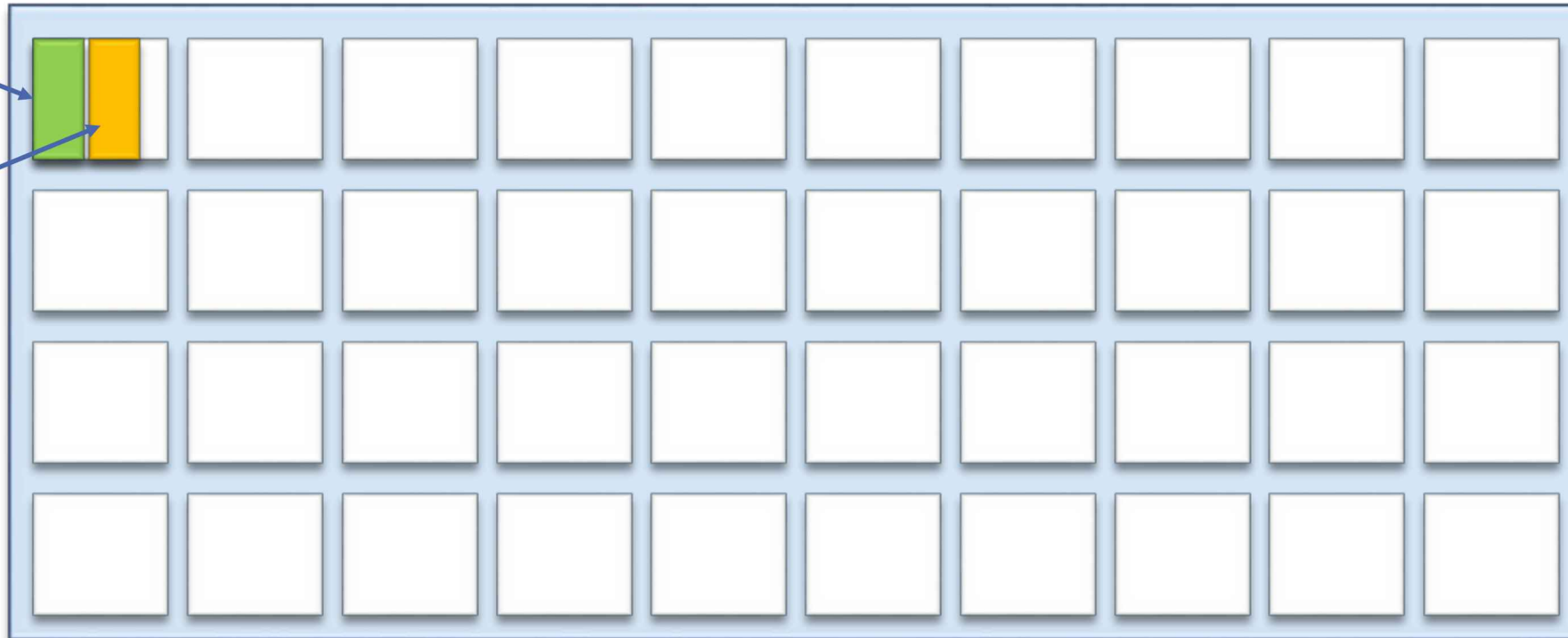
Boot Disk

Tenant 2

Server 1

Boot Disk

Storage System



# Resource Pooling – Network and Services

