

# The Evolving Virtualization Trends



The term "virtualization" dates back to the mid-1960s, when IBM developed the early incarnations of what would become the IBM System/360 Model 67, which was considered a virtual machine or virtual memory operating system.

## 5 Different Types of Virtualization



- 01 Application Virtualization
- 02 Storage Virtualization
- 03 Hardware Virtualization
- 04 Network Virtualization
- 05 Desktop Virtualization

## The Future of Virtualization

**76%+**

of organizations are taking advantage of virtualization today, and that number will continue to grow in the future, reported the 2016 Spiceworks State of IT



**90%**

of servers have been virtualized by firms in 2016, according to Michael Warrilow, a research director at Gartner



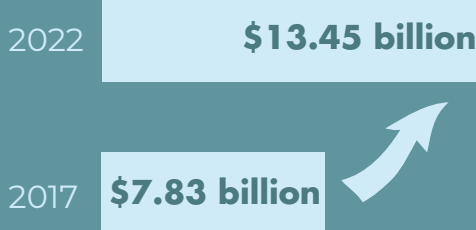
The 2017 Server Virtualization Market Research reported that by 2023 the server virtualization market is expected to reach

**\$8 billion**



THE GROWTH OF DESKTOP VIRTUALIZATION MARKET FROM 2017 TO 2022

Source: Marketsand-Markets(TM)



## Top 5 Recent Virtualization Trends

### 1. Open Source Software

Software that can be copied, modified and distributed for free. A resource and community website like Wikipedia is a prime example, which enables users of various backgrounds to contribute to and update a single body of knowledge.

### 2. Automation

Network functions virtualization (NFV) automation has taken the telecom industry by storm, enabling operators to spin up virtual machines (VMs) that perform desired functions automatically.

### 3. Augmented Reality and Virtual Reality

Provide a digital representation of a user's surrounding environment and layers it with information in the form of texts and images.

### 4. Adaptive Security Architecture

Is based on solutions that use adaptive and dynamic operational styles to maintain the integrity of data, systems and their survivability.

### 5. Virtual Shopping

Allows people to use virtual apps to shop online in ways that mirror the retail experience without having to drive and set foot inside a store.

The top 5 Virtualization Trends are from [rcwireless.com](http://www.rcwireless.com), [www.rcwireless.com/20170717/top-five-virtualization-trends-2017-tag27-tag99](http://www.rcwireless.com/20170717/top-five-virtualization-trends-2017-tag27-tag99)

Source:

- <http://www.techadvisory.org/2016/01/5-different-types-of-virtualization/>
- <https://www.rcwireless.com/20170717/top-five-virtualization-trends-2017-tag27-tag99>
- <https://www.itworld.com/article/3234795/virtualization/what-is-virtualization-definition-virtual-machine-hypervisor.html>
- <https://www.community.spiceworks.com/networking/articles/2462-server-virtualization-and-os-trends>
- <https://www.informationweek.com/cloud/infrastructure-as-a-service/virtualization-market-now-mature-gartner-finds/d/d-id/1325529?>
- <http://www.nbc-2.com/story/36866331/server-virtualization-market-2017-leading-growth-drivers-emerging-audience-segments-sales-profits-analysis>
- <https://www.marketwatch.com/story/desktop-virtualization-market-worth-1345-billion-usd-by-2022-2017-10-17-72033150>