# Key Concepts

After completing this episode, you should be able to:

- Discuss key concepts in the area of virtualization

**Description:** In this episode, you will learn about some of the key concepts involved in virtualization, especially the virtualization techniques found in modern cloud environments. Topics include stand alone versus clustered virtualization, cloning, host affinity, and hardware pass-through.

## Key Concepts

## Additional resources

- Emulation, Paravirtualization, and Pass-Through: https://www.techtarget.com/searchvirtualdesktop/opinion/Emulation-paravirtualization-and-pass-through-what-you-need-to-know-for-client-hypervisors (https://www.techtarget.com/searchvirtualdesktop/opinion/Emulation-paravirtualization-and-pass-through-what-you-need-to-know-for-client-hypervisors)