



Explore

Certainly! **Kernel-based Virtual Machine (KVM)** is an open-source virtualization technology integrated into Linux. [It allows you to turn Linux into a hypervisor, enabling a host machine to run multiple isolated virtual environments (guests or virtual machines)](https://www.redhat.com/en/topics/virtualization/what-is-KVM) [1](https://www.redhat.com/en/topics/virtualization/what-is-KVM).

Here are **five free resources** where you can learn more about KVM:

1. [**KVM Tutorial - Linux Concept**](https://linuxconcept.com/tutorial/kvm-tutorial/): This comprehensive tutorial covers KVM fundamentals, installation, VM creation, networking, storage, and more [2](https://linuxconcept.com/tutorial/kvm-tutorial/).
2. [**Linux Virtualization Using KVM - Linux Foundation**](https://training.linuxfoundation.org/resources/webinars/linux-virtualization-using-kvm/): A webinar overview by kernel developer Christoph Hellwig on virtualization using KVM [3](https://training.linuxfoundation.org/resources/webinars/linux-virtualization-using-kvm/).
3. [**Red Hat’s KVM Overview**](https://www.redhat.com/en/topics/virtualization/what-is-KVM): Learn about KVM’s architecture, features, and advantages directly from Red Hat [1](https://www.redhat.com/en/topics/virtualization/what-is-KVM).
4. [**The Comprehensive Guide to KVM Switches**](https://techraki.com/blogs/news/the-comprehensive-guide-to-kvm-switches-what-they-are-and-how-to-use-them): While this resource focuses on KVM switches (hardware for managing multiple PCs), it provides insights into KVM technology [4](https://techraki.com/blogs/news/the-comprehensive-guide-to-kvm-switches-what-they-are-and-how-to-use-them).
5. [**How-To Geek: What Is a KVM Switch?**](https://www.howtogeek.com/799968/what-is-a-kvm-switch/): A concise explanation of KVM switches and their purpose [5](https://www.howtogeek.com/799968/what-is-a-kvm-switch/).

Feel free to explore these resources to enhance your understanding of KVM! 🚀