Certainly! **Hybrid cloud system design** refers to creating an integrated IT infrastructure that combines both public cloud services and private on-premises resources. Here are some free resources to learn more about it:

1. [**IBM Blog**: Learn about the fundamental elements and design patterns for hybrid cloud architecture, including microservices and containerization1](https://www.ibm.com/blog/how-to-design-a-hybrid-cloud-architecture/).
2. [**LinkedIn Learning**: Explore hybrid cloud security and understand its benefits and use cases](https://www.ibm.com/blog/how-to-design-a-hybrid-cloud-architecture/)[2](https://www.linkedin.com/advice/1/what-strategies-can-you-use-design-effective-bzaqe).
3. [**LinkedIn Learning**: Discover principles for designing an operating system in a hybrid cloud environment, focusing on compatibility, performance, security, and usability](https://www.ibm.com/blog/how-to-design-a-hybrid-cloud-architecture/)[3](https://www.linkedin.com/advice/0/how-do-you-design-operating-system-hybrid-cloud-edrjc).
4. [**Red Hat**: Dive into essential components of hybrid cloud architecture and explore Kubernetes for successful design](https://www.ibm.com/blog/how-to-design-a-hybrid-cloud-architecture/)[4](https://www.redhat.com/architect/hybrid-cloud-platform-layers).
5. [**Azure Architecture Center**: Understand hybrid network architecture and its importance for connecting on-premises and cloud environments](https://www.ibm.com/blog/how-to-design-a-hybrid-cloud-architecture/)[5](https://learn.microsoft.com/en-us/azure/architecture/hybrid/hybrid-start-here).

Feel free to explore these resources to enhance your understanding of hybrid cloud system design! 🌐🚀