[**Public cloud system design** refers to the architectural planning and configuration of cloud-based services and infrastructure provided by third-party cloud providers, enabling organizations to access resources over the internet, scale dynamically, and achieve cost-effectiveness and convenience1](https://dev.to/mukeshkuiry/the-cloud-and-system-design-3cml).

Here are **five free resources** where you can learn more about public cloud system design:

1. [**The Cloud and System Design - DEV Community**](https://dev.to/mukeshkuiry/the-cloud-and-system-design-3cml): This comprehensive series covers various aspects of system design, including cloud computing concepts and deployment models[1](https://dev.to/mukeshkuiry/the-cloud-and-system-design-3cml).
2. [**Core principles of system design - Google Cloud**](https://cloud.google.com/architecture/framework/system-design/principles): Google Cloud’s guide outlines core principles for designing reliable, scalable, and secure cloud applications[2](https://cloud.google.com/architecture/framework/system-design/principles).
3. [**Best practices in cloud applications - Azure Architecture Center**](https://learn.microsoft.com/en-us/azure/architecture/best-practices/index-best-practices): Microsoft’s best practices cover efficient and robust cloud system design, with code examples using Azure services[3](https://learn.microsoft.com/en-us/azure/architecture/best-practices/index-best-practices).
4. [**Cloud-based System Design - ResearchGate**](https://www.researchgate.net/publication/364126841_Cloud-based_System_Design): This research paper provides design recommendations and principles for cloud-based systems, emphasizing multi-user access, scalability, and cost-effectiveness[4](https://www.researchgate.net/publication/364126841_Cloud-based_System_Design).
5. [**Awesome System Design Resources on GitHub**](https://github.com/ashishps1/awesome-system-design-resources): Explore this curated list of resources, including articles, papers, and tutorials, to deepen your understanding of system design concepts[5](https://github.com/ashishps1/awesome-system-design-resources).

Happy learning! 🌟