[**Open Shortest Path First (OSPF)** is an IP routing protocol that calculates the most efficient path for directing traffic on IP networks, using link-state technology and distributing routing information between routers within a single autonomous system (AS)](https://networklessons.com/ospf) [1](https://networklessons.com/ospf).

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

1. [**NetworkLessons.com OSPF Course**](https://networklessons.com/ospf): This comprehensive course covers everything from the basics of OSPF to advanced topics like authentication, LSA types, network types, and filtering OSPF prefixes [1](https://networklessons.com/ospf).
2. [**Udemy OSPF Basics**](https://www.udemy.com/course/ospf-basics-free/): A free trial course on Udemy that introduces OSPF concepts, including OSPF framework, three tables, neighbor relationships, interface types, and LSA flooding [2](https://www.udemy.com/course/ospf-basics-free/).
3. [**Practical Networking OSPF Training Series**](https://www.practicalnetworking.net/stand-alone/ospf-training-course-free-m1/): This series is available on YouTube and also provided in article form. [It covers OSPF basics, areas, neighbors, and more](https://networklessons.com/ospf) [3](https://www.practicalnetworking.net/stand-alone/ospf-training-course-free-m1/).
4. [**KWTrain OSPF Basics**](https://www.kwtrain.com/blog/ospf-basics-pt1): A blog series that introduces the basic concepts of OSPF, including message types, neighbor formation, and more [4](https://www.kwtrain.com/blog/ospf-basics-pt1).
5. [**TechTerms.com OSPF Definition**](https://techterms.com/definition/ospf): A concise explanation of OSPF’s routing method and how it finds the shortest path in a local area network [5](https://techterms.com/definition/ospf).

Feel free to explore these resources to enhance your understanding of OSPF! 🌐🔍