

IPv6 101: Basics & Fundamentals

Overview:

This introductory workshop is designed to demystify IPv6 and help participants understand why it is the foundation of the Internet's future. We will walk through the basics of IPv6, highlight its key differences from IPv4, and show how it enables the continued growth of the Internet. Whether you're a student, a network engineer, or just curious about Internet technologies, this session will give you the knowledge to get started.

Instructor

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Level

Discussion Workshop, Open to everyone!

No prior experience required. Whether you're just starting out or already have knowledge, you're welcome to join, share your knowledge, and learn from others.

Language

Arabic

Topics Covered

- Why IPv6? Understanding the limitations of IPv4 and the need for IPv6
- IPv6 address structure and representation
- Types of IPv6 addresses
- IPv6 configuration basics
- Introduction to IPv6 routing
- Transition mechanisms
- Real-world applications and adoption status
- How to get IPv6 certified
- Q&A and open discussion

Materials

Slides here :

https://drive.google.com/file/d/1IQZR4Ex2qYdQ3zivAQi5uNPHRUj6eUtK/view?usp=share_link

Session's record

https://drive.google.com/file/d/1gYH6hiHkZa7skkDYA9uariokVWRx3iYI/view?usp=share_link

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