

Content of Introduction to IPv6 course

Module 1: Introduction to IPv6

1. Definition of the IPv6 protocol - PART 1
2. Definition of the IPv6 protocol - PART 2
3. Why use IPv6 today?
4. IPv6 development in the region

Module 2: IPv4 space depletion, Coexistence and Transition

1. Exhaustion projections
2. IPv4 available space
3. IPv6 available space
4. Transition mechanisms
5. Double stack
6. Tunnels
7. Translation
8. General recommendations

Module 3: Addressing and Numbering Plans

1. IPv6 Basic Head (IV)
2. General characteristics
3. Distribution and allocation of resources
4. Providers
5. Numbering plans

Module 4: Self-configuration

1. Associated protocols (Path MTU Discovery, NDP)
2. Stateless autoconfiguration
3. Statefull autoconfiguration (DHCPv6)
4. Conclusions

Module 5: Final Evaluation and Course Satisfaction Survey

1. Course Satisfaction Survey
2. Final Evaluation