

Upravený plán výuky – JS 2019/20 - CNA R&S – Scaling Networks, Connecting Networks (zrušení kontaktní výuky - koronavirus)

P.č.	Út	Stř	Kapitola	Labs	Packet Tracer (výsledné konfigurace do odevzdávárny)
1.	18.2.	19.2.	1-3	2.1.4.5 Lab - Configure Extended VLANs, VTP, and DTP 3.3.2.3 Lab - Configuring Rapid PVST+, PortFast, and BPDU Guard	3.1.2.12 Lab - Building a Switched Network with Redundant Links
2.	25.2.	26.2.	3-4	4.2.1.4 Lab - Configuring EtherChannel 4.3.3.4 Lab - Configure HSRP	4.2.2.4 Lab - Troubleshooting EtherChannel
3.	3.3.	4.3.	5-6	6.2.2.5 Lab - Configuring Basic EIGRP for IPv4 6.4.3.5 Lab - Configuring Basic EIGRP for IPv6	
4.	10.3.	1.3.	7-8	7.1.3.6 Lab - Configuring Advanced EIGRP for IPv4 Features 8.2.4.5 Lab - Configuring Basic Single-Area OSPFv2	10.2.3.4 Lab - Troubleshooting Advanced Single-Area OSPFv2
5.	17.3.	18.3.	8-9	8.3.3.6 Lab - Configuring Basic Single-Area OSPFv3 9.2.2.8 Lab - Configuring Multi-area OSPFv2	
6.	24.3.	25.3.	9-10	9.2.2.9 Lab - Configuring Multi-area OSPFv3 10.1.3.5 Lab - Configuring OSPFv2 Advanced Features	10.2.4.5 Lab - Troubleshooting Multiarea OSPFv2 and OSPFv3
7.	31.3.	1.4.	Test Scaling		Scaling Networks (Version 6.00) - ScaN OSPF Practice Skills Assessment - PT - Samostatně, doma
8.	Splnit do			Connecting Networks	
9.	12. 4.			02.3.2.6 Packet Tracer - Configuring PAP and CHAP Authentication 02.4.1.4 Packet Tracer - Troubleshooting PPP with Authentication 02.5.1.2 Packet Tracer - Skills Integration Challenge	
10.	19. 4.			03.4.2.4 Packet Tracer - Configuring GRE 03.4.2.5 Packet Tracer - Troubleshooting GRE 03.6.1.2 Packet Tracer - Skills Integration Challenge	
11.	26. 4.			04.1.3.5 Packet Tracer - Configure Standard IPv4 ACLs 04.2.2.10 Packet Tracer - Configuring Extended ACLs Scenario 1 04.2.2.11 Packet Tracer - Configuring Extended ACLs Scenario 2	
12.	3. 5.			04.3.2.6 Packet Tracer - Configuring IPv6 ACLs 04.4.2.9 Packet Tracer - Troubleshooting IPv4 ACLs 04.4.2.10 Packet Tracer - Troubleshooting IPv6 ACLs	
13.	10. 5.			04.5.1.1 Packet Tracer - Skills Integration Challenge 08.2.4.12 Packet Tracer - Troubleshooting Enterprise Networks 1 Instructions	
14.	17. 5.			08.2.4.13 Packet Tracer - Troubleshooting Enterprise Networks 2 Instructions 08.2.4.14 Packet Tracer - Troubleshooting Enterprise Networks 3 Instructions	
15.	22. 5.		Connecting – praktický test	Místo a způsob provedení budou upřesněny.	

Obsah semestrů

Scaling Networks

- Chapter 1 LAN Design
- Chapter 2 Scaling VLANs
- Chapter 3 STP
- Chapter 4 EtherChannel and HSRP
- Chapter 5 Dynamic Routing
- Chapter 6 EIGRP
- Chapter 7 EIGRP Tuning and Troubleshooting
- Chapter 8 Single-Area OSPF
- Chapter 9 Multiarea OSPF
- Chapter 10 OSPF Tuning and Troubleshooting

Connecting Networks

- Chapter 1 WAN Concepts
- Chapter 2 Point-to-Point Connections
- Chapter 3 Branch Connections
- Chapter 4 Access Control Lists
- Chapter 5 Network Security and Monitoring
- Chapter 6 Quality of Service
- Chapter 7 Network Evolution
- Chapter 8 Network Troubleshooting