

Multilayer Switching

Halmstad University

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Objectives

- VLANs, Trunk Links
- Inter-VLAN Routing
- STP, Rapid Spanning Tree
- Multilayer switching
- Implementing High Availability with HSRP, VRRP and GLBP

Objectives

Cisco.com

- QoS Models
- QoS DiffServ
- Congestion Management
- VoIP Basics
- WLAN topology
- QoS and Security in WLAN

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Schedule

Cisco.com

Lecture W 13

Tuesday 10.15-12.00

Lecture W 15, 17,18

Monday 10.15-12.00

Labs W 14,15,17,18

- Monday 13.15-16.00, gr1
- Monday 16.15-19.00, gr2
- Tuesday 9.15-12.00, gr3

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Schedule

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Seminar w 19

- **Tuesday 9.15-12.00 (group 3)**
- **Tuesday 13.15-16.00 (group 2)**
- **Thursday 13.15-16.00 (group 1)**

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Schedule

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Seminar

Reading of Scientific papers

Presentation

Discussion

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Examination

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- **Mandatory LABs**
- **Seminar & presentation**
- **Skills Exam w21**
- **Writing Exam w 22**

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Course homepage

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Olga Torstensson – course responsible

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Lectors: Adnan Khalid

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Course materials

Cisco.com

- Seifert, R., *The Switch Book*,
Wiley Computer Publishing, 2000,
ISBN 0-471-34586-5
- On-line Cisco materials
- Scientific papers