

T-110.5140 Network Application Frameworks and XML

11.05.2010 Examination (9-12 in T1)

Choose 3 of the 4 topics below and write essays on them. Each topic has additional questions as hints on what kind of material you should include. Discuss other relevant issues as well. Remember to consider what is important and what is not when writing your essay.

Remember to include the following information in your paper: the course name, date, student ID, name, and signature.

1. Web service federation

What are Web services? What is Web service federation? What security challenges does service federation present?

2. WS Security vs. network layer security

How does WS Security differ from network layer security? Discuss the benefits and drawbacks of WS Security. When are both needed?

3. SOAP Routing

What is the motivation for routing SOAP messages? How does the routing work? What about security and performance?

4. Locator/Identity Split

What is locator/identity split and what problems of the IP architecture it proposes to solve? How does HIP and overlays relate to this topic?