



IMS Technology

6.9.2010, Helsinki

Aika	6.9.2010
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Kieli	Opetuskieli on suomi, kurssimateriaali on englanninkielinen.

O H J E L M A

Maanantai 6.9.

08.30 – 09.00	Aamukahvi
09.00 –	IMS – Overview <ul style="list-style-type: none">- Services enabled by IMS- Functionality in IMS- Difference between IMS and IETF SIP- Overall structure of an IMS network SIP TECHNOLOGY IN IMS <ul style="list-style-type: none">- Background of SIP technology- SIP concepts- Main entities and functions in the generic IETF SIP architecture- Request and responses in SIP communication- Structure of a SIP address- IETF SIP mobility registration principles
11.30 – 12.15	Lounas
12.15 –	IMS OPERATION <ul style="list-style-type: none">- Structure of a 3GPP Release 6 IMS network- IMS address types- Mobility registration principles in IMS- Session establishment principles in IMS- Legacy network interoperability principles in IMS- Inter-operator roaming principles in IMS- IMS registration procedure flow- IMS security procedures during registration- SIP address types in registration procedures- Basic session establishment message flow- How SDP is used to describe IMS sessions- IMS session modification- IMS session release flow
14.30 – 14.45	Kahvi
14.45 –	IMS SERVICES <ul style="list-style-type: none">- Benefits of the IMS service architecture- SIP application creation options in the IMS network- IMS Service Control (ISC) interface- OMA SIMPLE Instant Messaging (IM) and Presence Service (PS) services
16.00	Kurssin päätös