



ITU Centres of Excellence Network for Europe

National Institute of Telecommunications

FACE-TO-FACE Training on

**Legal and regulatory barriers
to the introduction of cloud services in the EU**

Warsaw, Poland
14-15 December 2017

TRAINING OUTLINE

COURSE DESCRIPTION

Title	Legal and regulatory barriers to the introduction of cloud services in the EU
Method of delivery	Face-to-face
Objectives	<p>The interest in cloud services has grown rapidly over the last few years. It is reported that public spending on the procurement of cloud services is estimated to have reached USD 107 billion by the year 2017. The rapid development of cloud services is driven by cloud characteristics, such as: elasticity, scalability, universal access, low entry cost, flexible and adjustable billing and easy metering.</p> <p>On the other hand, moving business activity to the cloud is also subject to significant challenges and risks, such as, in particular, compliance, security, privacy as well as competition issues (including vendor lock-in). Those challenges and risks are mostly driven by lack of a uniform regulatory framework devoted to cloud computing activity, the complexity of service models and service delivery over the cloud, the low awareness of cloud computing service provisioning by both vendors and regulators due to, among other things, insufficient governmental information campaigns on the benefits and risks of cloud services.</p> <p>The subject of this workshop is to discuss, from a practical point of view, the legal and regulatory barriers to the development of cloud services. During the workshop, the existing sources of law will be outlined and discussed from a national and international perspective, in the context of various, differentiating cloud definitions, cloud service models and different subject matter of such services. In addition, future regulations such as, for example, the General Data Protection Regulation and its impact on the cloud regulatory</p>

	framework, will be discussed. The discussion will also encompass the practical and legal issues related to cloud standardization and the extent to which standardization may support, from a practical perspective, the legal framework related to the cloud environment. The workshop will also cover issues related to service procurement, including the contents of cloud contracts, Service Level contracts and the enforcement of such contracts. The risks connected with cloud contracts from the perspective of cloud vendors, including state and local government vendors and private vendors, cloud service providers and brokers as well as auditors, will be discussed. The workshop will also include a discussion on legal and practical issues involved in auditing cloud services, as well as issues related to legal and regulatory barriers connected with internet (cloud) access services.
Dates	14-15 December 2017
Duration	2 days
Registration deadline	11 December 2017
Training fees	USD 500
Course code	17WS19267EUR-E

LEARNING OUTCOMES

At the end of the training, the participant should have gained an understanding of the key aspects of:

- Cloud computing – phenomenon
- Sources of law relating to cloud computing
- The role of standardization in the development and provision of security measures aimed at protecting services offered in the cloud
- Different types of information as the subject matter of services delivered in the cloud
- The role of participants in cloud computing contracts and its legal aspects
- Legal and regulatory burdens related to the provision of services in the cloud
- Auditing the cloud – the aim, scope, results and benefits of an audit
- Enforcement of contracts for the provision of services in the cloud
- Access to cloud services and access barriers
- Application of cloud services to the local and state government

TARGET POPULATION

The workshop is in particular addressed to: members of IT teams, sales and legal departments considering the procurement of cloud solutions, regulators, (in house) lawyers and anyone interested in cloud services.

TUTORS/INSTRUCTORS

NAME OF TUTOR(S)/INSTRUCTOR(S)	CONTACT DETAILS
Dr Andrzej Krasuski	akrasuski@akrasuski.com

EVALUATION

At the end of the course participants will take part in a written test checking the level of knowledge gained during the training.

TRAINING SCHEDULE AND CONTENTS / AGENDA

Day 1:

Time	Lecturer	Title and content of the session	Document (ppt)
09:30 – 10:00	REGISTRATION		
10:00 – 11:00	<i>Dr. Andrzej Krasuski</i>	Description of the “cloud computing” – phenomenon; depiction of common characteristics in the light of a wide variety of different definitions	
11:00 – 11:30	COFFEE BREAK		
Section A			
11:30 – 13:00	<i>Dr. Andrzej Krasuski</i>	Sources of law relating to cloud computing in the context of the lack of specific regulations concerning cloud computing	
13:00 – 14:00	LUNCH BREAK		
Section B			
14:00 – 15:00	<i>Dr. Andrzej Krasuski</i>	The role of standardization in the development and provision of security measures aimed at protecting services offered in the cloud	
15:00 – 15:30	<i>Dr. Andrzej Krasuski</i>	Different types of information as the subject matter of services delivered in the cloud	
15:30 – 16:00	COFFEE BREAK		
16:00 – 17:00	<i>Dr. Andrzej Krasuski</i>	The role of participants in cloud computing contracts and its legal aspects	
Workshop Day 1 Conclusions			

Day 2:

Time	Lecturer	Title and content of the session	Document (ppt)
Section C			
10:00 – 11:00	<i>Dr. Andrzej Krasuski</i>	Legal and regulatory burdens related to the provision of services in the cloud	
11:00 – 11:30	COFFEE BREAK		
11:30 – 13:00	<i>Dr. Andrzej Krasuski</i>	Auditing the cloud – the aim, scope, results and benefits of an audit	
13:00 – 14:00	LUNCH BREAK		
Section D			
14:00 – 14:45	<i>Dr. Andrzej Krasuski</i>	Enforcement of contracts for the provision of services in the cloud	
14:45 – 15:30	<i>Dr. Andrzej Krasuski</i>	Access to cloud services and access barriers	
15:30 – 16:00	COFFEE BREAK		
16:00 – 17:00	<i>Dr. Andrzej Krasuski</i>	Application of cloud services to the local and state government	
Workshop Day 2 Conclusions			

METHODOLOGY

Face-to-face workshop. The course will be conducted as two full days lecture sessions. All participants will receive course materials in hard copy.

TRAINING COORDINATION

Training coordinator: Name: Sylwester Laskowski Email address: s.laskowski@itl.waw.pl	ITU coordinator: Name: Jaroslaw Ponder Email address: eurregion@itu.int
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REGISTRATION AND PAYMENT**Registration on ITU Academy Portal**

Please note that to be able to register for the course you MUST first create an account in the ITU Academy portal at the following address:

https://academy.itu.int/index.php?option=com_hikashop&view=user&layout=form&Itemid=559&lang=en

Training Registration

When you have an existing account or created a new account, you can register for the training online at the following link:

https://academy.itu.int/index.php?option=com_joomla&view=coursecategoryextended&catid=&course_id=1117:legal-and-regulatory-barriers-to-the-introduction-of-cloud-services-in-the-eu&Itemid=476&lang=en

You can also register by following the steps below:

- Go to ITU Academy website home page
- On the upper hand corner, you will find search option
- Type the name of the course in the space provided and search
- When the course appears, select “book this course” and follow easy instructions to register.

Payment

1. On-line payment

A training fee of USD 500 per participant is applied for this training. It is encouraged to make payment via the online system using the link mentioned above for training registration.

2. Payment by bank transfer

Where it is not possible to make payment via the online system, a bank transfer may be done on the ITU Bank account shown below. In this case, the participant should select the offline payment option using the link mentioned above.

The participant will be redirected to a page where an invoice is generated. On the basis of such invoice, the participant will transfer the training fees to the ITU bank account. When the bank transfer has been made, it is IMPERATIVE that the applicant uploads the proof of payment to the ITU Academy, under the “Offline Invoices” tab in the main menu. The participant is advised to notify the Human Capacity Building (HCB) Division at hcbmail@itu.int after he/she has uploaded the proof of payment.

ITU BANK ACCOUNT DETAILS:

Name and Address of Bank:	UBS SA Case postale 2600 CH 1211 Geneva 2 Switzerland
Beneficiary:	Union Internationale des Télécommunications
Account number:	240-C8108252.2 (USD)
Swift:	UBSWCHZH80A
IBAN	CH54 0024 0240 C810 8252 2
Amount:	USD 500
Payment Reference:	CoE-EUR 19267- WBS P.40595.1.04

3. Other method of payment

If due to national regulations, there are restrictions that do not allow for payment to be made using options 1 & 2 above, please contact the ITU coordinator for further assistance.