# National Institute of Telecommunications

## Online Training Course on

### Legal, regulatory and technical aspects of Cloud Computing in international data transfers

14 – 21 June 2021

## TRAINING COURSE OUTLINE

### COURSE DESCRIPTION

<table>
<thead>
<tr>
<th>Title</th>
<th>Legal, regulatory and technical aspects of Cloud Computing in international data transfers</th>
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<tbody>
<tr>
<td>Objectives</td>
<td>The subject matter if this web seminar refers to international data transfers whereby cloud computing solutions will be applied. In relation to the subject matter various types of data will be discussed, including personal, which will be analysed in the context of different regulations. The web seminar will include technical aspects of application of various types of the cloud computing and its impact on the application of the legal framework. The seminar will also address different roles of cloud actors and its obligations under relevant regulations. In addition, the seminar will discuss liability issues for providing cloud services in an international dimension. At the outset of the seminar a knowledge test will be conducted. The seminar will include regulatory aspects of the use of cloud computing, including regulatory control issues.</td>
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<tr>
<td>Dates</td>
<td>14-21 June 2021</td>
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<tr>
<td>Duration</td>
<td>8 days</td>
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<td>Registration deadline</td>
<td>14 June 2021</td>
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<tr>
<td>Training fees</td>
<td>USD 150</td>
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<tr>
<td>Course code</td>
<td>21OI26413EUR-E</td>
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</table>
DESCRIPTION OF THE TRAINING COURSE

The subject matter if this web seminar refers to international data transfers whereby cloud computing solutions will be applied. In relation to the subject matter various types of data will be discussed, including personal, which will be analysed in the context of different regulations. The web seminar will include technical aspects of application of various types of the cloud computing and its impact on the application of the legal framework. The seminar will also address different roles of cloud actors and its obligations under relevant regulations. In addition, the seminar will discuss liability issues for providing cloud services in an international dimension. At the outset of the seminar a knowledge test will be conducted. The seminar will include regulatory aspects of the use of cloud computing, including regulatory control issues.

LEARNING OUTCOMES

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

- The concept of “cloud computing”
- The relevant legal framework relating to cloud computing
- Meaning of standardization in the context of securing cloud services
- Risk-based analysis of the application of cloud computing
- Description of participants to cloud contracts and its role in relation to personal data transfers outside the EU
- Adequate level of personal data protection
- The role of regulatory authorities in supervising the transfer of personal data by means of cloud services
- Modelling self-regulation of cloud services
- Methods of cloud audits
- Applications of Binding Corporate Rules to international data transfers based on cloud services

TARGET POPULATION

The target group of this workshop include representatives of regulatory bodies, dealing with cloud computing matters, telecommunications issues, consumer protection issues, cyber security issues, data protection issues.

ENTRY REQUIREMENTS

No prior knowledge or qualification is required to register for this course, considering the given target population.

TUTORS/INSTRUCTORS

<table>
<thead>
<tr>
<th>NAME OF TUTOR(S)/INSTRUCTOR(S)</th>
<th>CONTACT DETAILS</th>
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</thead>
<tbody>
<tr>
<td>Dr hab. Andrzej Krasuski</td>
<td><a href="mailto:akrasuski@akrasuski.com">akrasuski@akrasuski.com</a></td>
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</table>
TRAINING COURSE CONTENTS

There are in total eight days, from which first 5 days (14 – 21 June 2021) there will be given recorded video lectures, 2 per day, five days in total and that gives the total of 10 video lectures in this course. The lectures are on the following subjects:

<table>
<thead>
<tr>
<th>Lecture</th>
<th>Subject</th>
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<tbody>
<tr>
<td>Lecture 1</td>
<td>Description of “cloud computing” in light of its technical characteristics and common definitions</td>
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<tr>
<td>Lecture 2</td>
<td>Identification of the relevant legal framework relating to cloud computing in the context of international data transfers</td>
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<tr>
<td>Lecture 3</td>
<td>Meaning of standardization in the context of securing cloud services on international level</td>
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<tr>
<td>Lecture 4</td>
<td>Risk-based analysis of the application of cloud computing in international data transfers – case studies</td>
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<tr>
<td>Lecture 5</td>
<td>Description of participants to cloud contracts and its role in relation to personal data transfers outside the EU</td>
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<td>Lecture 6</td>
<td>Legal, regulatory and practical aspects in determining the “adequate level of personal data protection” of the recipient of personal data</td>
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<tr>
<td>Lecture 7</td>
<td>The role of regulatory authorities in supervising the transfer of personal data by means of cloud services – co-operation including joint inspections of EU and non-EU supervising authorities</td>
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<td>Lecture 8</td>
<td>Modelling self-regulation of cloud services – discussing existing and future requirements of cloud providers and cloud clients</td>
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<td>Lecture 9</td>
<td>Methods of cloud audits – the aim, scope, procedure and results</td>
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<tr>
<td>Lecture 10</td>
<td>Legal and practical aspects of the applications of Binding Corporate Rules to international data transfers based on cloud services</td>
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TRAINING COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Days</th>
<th>Activity</th>
<th>Exercises and interactions</th>
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</thead>
<tbody>
<tr>
<td>Day 1</td>
<td>Learning</td>
<td>Watching and listening to video lectures 1 and 2. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.</td>
</tr>
<tr>
<td>Day 2</td>
<td>Learning</td>
<td>Watching and listening to video lectures 3 and 4. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.</td>
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<tr>
<td>Day 3</td>
<td>Learning</td>
<td>Watching and listening to video lectures 5 and 6. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.</td>
</tr>
<tr>
<td>Day 4</td>
<td>Learning</td>
<td>Watching and listening to video lectures 7 and 8. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.</td>
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</table>
Day 5  | Learning |
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Watching and listening to video lectures 9 and 10. Answering on questions asked by the tutor, and possibility to ask questions to him via course forum.

Day 6-7  | Consolidation of knowledge |
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Possibility to watch all video lectures one again with possibility to ask questions to the tutor.

Day 8  | Solving the Final Quiz |
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Solving the Final Quiz.

**METHODOLOGY (Didactic approach)**

The course methodology will be as follows:

- Each day from 14 to 18 June 2021 there will be made available two recorded video lectures, which are recorded in the face-to-face ITU Centre of Excellence workshop organised by National Institute of Telecommunications in Poland. In total there are 10 video lectures during the course.
- Discussion forum will be organized based on discussion topics given on a daily basis, where students are highly encouraged to participate and interact with instructors and other students.
- Quiz test will be assigned on the last day of the course, 21 June 2021.
- All announcements for all events (lectures, quiz and forum) will be given in a timely manner (prior to the event) by the course tutor.

**EVALUATION AND GRADING**

On the last day of the course a quiz test will be assigned. It will consist of 20 questions (multiple choice) which should be solved in a time frame of 90 minutes, with at least 12 correct answers (60%).

The course evaluation for obtaining the certificate at the end is based primarily on the results from the Quiz, however, replies to the raised discussion topics may also be considered in the evaluation process.

**TRAINING COURSE COORDINATION**

<table>
<thead>
<tr>
<th>Course coordinator:</th>
<th>ITU coordinator:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Sylwester Laskowski</td>
<td>Name: Ana-Maria Meshkurti</td>
</tr>
<tr>
<td>Email address: <a href="mailto:S.Laskowski@il-pib.pl">S.Laskowski@il-pib.pl</a></td>
<td>Email address: <a href="mailto:ana.maria.meshkurti@itu.int">ana.maria.meshkurti@itu.int</a></td>
</tr>
</tbody>
</table>

**REGISTRATION AND PAYMENT**

**ITU Academy portal account**

Registration and payment should be made online at the ITU Academy portal. 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/user/register](https://academy.itu.int/index.php/user/register)
Training course registration

When you have an existing account or created a new account, you can register for the course online at the following link:  https://academy.itu.int/training-courses/full-catalogue/legal-regulatory-and-technical-aspects-cloud-computing-international-data-transfers-0

You can also register by finding your desired course in our training catalogue https://academy.itu.int/index.php/training-courses/full-catalogue.

Payment

1. On-line payment
A training fee of USD 150 per participant is applied for this training. Payment should be made via the online system using the link mentioned above for training registration https://academy.itu.int/training-courses/full-catalogue/legal-regulatory-and-technical-aspects-cloud-computing-international-data-transfers-0 .

2. Payment by bank transfer
Where it is not possible to make payment via the online system, select the option for offline payment to generate an invoice using the same link as above. Download the invoice to make a bank transfer to the ITU bank account shown below. Then send the proof of payment/copy of bank transfer slip and the invoice copy to Hcbmail@itu.int and copy the course coordinator. All bank transaction fees must be borne by the payer.
Failure to submit the above documents may result in the applicant not being registered for the training.

3. Group payment
Should you wish to pay for more than one participant using bank transfer and need one invoice for all of them, create an account as Institutional Contact. Institutional Contacts are users that represent an organization. Any student can request to be an institutional contact or to belong to any existing organization.

To do this, head to your profile page by clicking on the “My account” button in the user menu. At the bottom of this page you should see two buttons:

a. If you want to become an institutional contact, click on the “Apply to be an Institutional Contact” button. This will redirect you to a small form that will ask for the organization name. After you fill the name of the organization you want to represent, click on “continue” and a request will be created. An ITU Academy manager will manually review this request and accept or deny it accordingly.

b. If you want to belong to an existing organization, click on the “Request to belong to an Institutional Contact” button. This will redirect you to a small form that will ask you to select the organization you want to join from an organization list. After you select the correct organization, click on “continue”, a request will then be created. The Institutional Contact that represents that organization will manually accept or deny your request to join the organization.
ITU BANK ACCOUNT DETAILS:

Name and Address of Bank: UBS Switzerland AG
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 150
Payment Reference: CoE-EUR 26413 – P.40595.1.04

4. 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.

CERTIFICATES
Each fully registered participant who successfully completes the course, based on the evaluation, will receive an ITU Certificate for this course.