

# International Comparative Legal Guides

## Cybersecurity 2020

A practical cross-border insight into cybersecurity law

**Third Edition**

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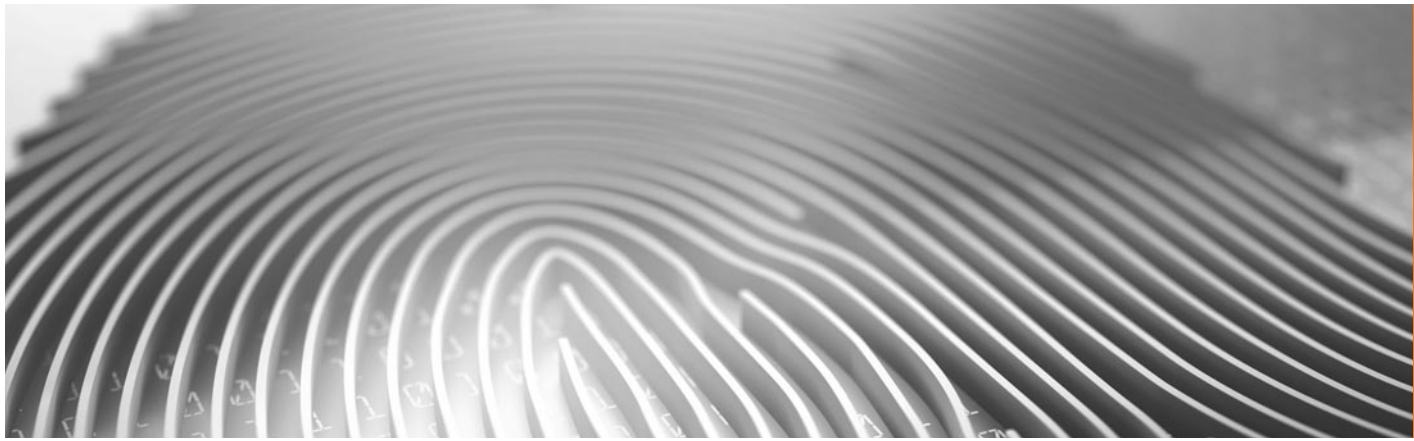
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# Cybersecurity 2020

## Third Edition

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This publication is intended to give an indication of legal issues upon which you may need advice. Full legal advice should be taken from a qualified professional when dealing with specific situations.

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## From the Publisher

Dear Reader,

Welcome to the third edition of *The International Comparative Legal Guide to Cybersecurity*, published by Global Legal Group.

This publication, which is also available at [www.iclg.com](http://www.iclg.com), provides corporate counsel and international practitioners with comprehensive jurisdiction-by-jurisdiction guidance to cybersecurity laws and regulations around the world.

This year, there are three general chapters which provide an overview of key issues affecting cybersecurity, particularly from the perspective of a multi-jurisdictional transaction.

The question and answer chapters, which cover 32 jurisdictions in this edition, provide detailed answers to common questions raised by professionals dealing with cybersecurity laws and regulations.

As always, this publication has been written by leading cybersecurity lawyers and industry specialists, to whom the editors and publishers are extremely grateful for their invaluable contributions.

Global Legal Group would also like to extend special thanks to contributing editors Nigel Parker and Alexandra Rendell of Allen & Overy LLP for their leadership, support and expertise in bringing this project to fruition.

**Rory Smith**  
**Group Publisher**  
**Global Legal Group**

# Kosovo

Boga & Associates



Renata Leka



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## 1 Criminal Activity

**1.1 Would any of the following activities constitute a criminal offence in your jurisdiction? If so, please provide details of the offence, the maximum penalties available, and any examples of prosecutions in your jurisdiction:**

### Hacking (i.e. unauthorised access)

Law No. 03/L-166 “On prevention and fight against cyber crime” (“Cyber Crime Law”) provides for criminal offences related to the misuse of computer systems and computer data, although it does not provide a literal denomination of the criminal offences listed below.

Subject to the Cyber Crime Law, unauthorised access to computer systems constitutes a criminal offence, punishable by imprisonment for up to three years. Unauthorised actions are classified actions performed by a person: (i) who is not authorised by law or contract; (ii) who exceeds the limits of his/her authorisation; and/or (iii) has no permit and is not competent and qualified to use, administer or control a computer system or conduct scientific research on a computer system.

If such an offence is committed for the purpose of obtaining computer data or violates computer security measures, the penalties provided by law are higher and such offences are punishable by imprisonment for up to four years and five years, respectively.

In addition, the Criminal Code (Law No. 06/L-074) provides for the criminal offence of intrusion into computer systems. In this regard, whoever, without authorisation and in order to gain an unlawful material benefit for himself or another person or to cause damage to another person, alters, publishes, suppresses or destroys computer data or programs, or in any other way enters another's computer system, is punished by a fine and up to three years of imprisonment. If the offence results in a material gain exceeding 10,000 Euros or material damage exceeding 10,000 Euros, the perpetrator shall be punished by a fine and by imprisonment of up to five years.

### Denial-of-service attacks

The serious hindrance of the functioning of computer systems, performed by entering information, transferring, changing, removing or destroying computer data or unauthorised limiting of access to such data, is stipulated as a criminal offence pursuant to the Cyber Crime Law, and the perpetrator is liable to imprisonment for up to three years. Such offence shall be punished by imprisonment for up to five years if committed by a member of a criminal organisation.

### Phishing

We have not identified a criminal offence provided by the Cyber Crime Law or other applicable laws that would represent phishing.

However, each criminal activity that aims to misuse computer systems or computer data should be considered individually to establish whether it constitutes a criminal offence provided for by the Cyber Crime Law or any other applicable law.

### Infection of IT systems with malware (including ransomware, spyware, worms, trojans and viruses)

We have not identified a criminal offence provided by the Cyber Crime Law or other applicable laws that would constitute infection of IT systems with malware. However, each criminal activity that aims to misuse computer systems or computer data should be considered individually to establish whether it constitutes some other criminal offence provided for by the Cyber Crime Law or any other applicable law.

### Possession or use of hardware, software or other tools used to commit cybercrime (e.g. hacking tools)

Pursuant to the Cyber Crime Law, the illegal production, sale, import, distribution or making available, in any form, of any equipment or computer program designed and adapted for the purpose of committing any criminal offence is punishable by imprisonment from one to four years.

Further, the illegal production, sale, import, distribution or making available, in any form, of passwords, access codes or other computer information that would allow full or partial access to a computer system for the purpose of committing any criminal offence shall be punishable by imprisonment from one to five years.

In addition, the illegal possession of equipment, computer programs, passwords, access codes or computer information for the purpose of committing any criminal offence is punishable by imprisonment from one to six years.

An attempt to commit this criminal offence is also punishable by imprisonment, ranging from three months to one year.

### Identity theft or identity fraud (e.g. in connection with access devices)

We have not identified any criminal offence provided by the Cyber Crime Law or other applicable laws that would constitute identity theft or identity fraud. However, as mentioned above, such criminal activities should be assessed individually.

### Electronic theft (e.g. breach of confidence by a current or former employee, or criminal copyright infringement)

Pursuant to the Criminal Code (Law No. 06/L-074), any act of circumvention of any effective technological protection measure or any act of removal or alteration of electronic rights management information, as provided for by the Law “On copyright and related rights”, shall be punishable by imprisonment for up to three years.

Subject to the Law “On copyright and related rights” (Law No. 04/L-065 as amended), violation of the rights protected by this law

would be considered if a person processes, imports for distribution, sells, lends, advertises for sale or lease or keeps for commercial technological purposes a computer program, or carries out services without authorisation, and if such actions: (i) are advertised or traded especially for the purpose of avoiding effective technological measures; (ii) have evident commercial purpose or have been used solely for avoiding effective technological measures; and (iii) are designed, produced, adapted or processed primarily with the purpose of avoiding effective technological measures. An effective technological measure is considered to be any technology, computer program or other means intended to prevent or remove a violation of a protected right.

**Any other activity that adversely affects or threatens the security, confidentiality, integrity or availability of any IT system, infrastructure, communications network, device or data**

In addition to the criminal offences listed above, the Cyber Crime Law also provides for the following criminal offences related to computer systems and computer data: the unauthorised entry of data; change or deletion of computer data; and the unauthorised limitation of access to such a data resulting in inauthentic data.

Also, causing a loss in assets to another person by entering information, changing or deleting computer data by means of access limitation to such data, or any other interference into the functioning of a computer system with the purpose of ensuring economic benefits for himself or for someone else, shall be punishable with up to 10 years of imprisonment.

**Failure by an organisation to implement cybersecurity measures**

We have not identified such a criminal offence provided by the applicable legislation.

**1.2 Do any of the above-mentioned offences have extraterritorial application?**

In addition to the criminal offences committed within the Kosovo territory, the abovementioned laws that stipulate criminal offences will also apply to persons who have committed criminal offences outside the territory of Kosovo, if provided for by an international agreement by which Kosovo is bound.

Criminal legislation of the Republic of Kosovo shall also apply to any Kosovo citizen or a foreigner who commits a criminal offence outside the territory of the Republic of Kosovo if the criminal offence is also punishable in the country where the offence was committed. In case of foreigners, these provisions shall apply if the foreigner is found in the territory of Kosovo or has been transferred to Kosovo.

However, the criminal proceedings against a Kosovo citizen or a foreigner for criminal offences committed outside Kosovo territory will not be undertaken if the perpetrator has fully served the punishment imposed in another jurisdiction, has been acquitted by a final judgment and/or released from punishment or punishment has become statute-barred and in cases where criminal proceedings may only be initiated upon the request of the injured party and such a request has not been filed.

**1.3 Are there any actions (e.g. notification) that might mitigate any penalty or otherwise constitute an exception to any of the above-mentioned offences?**

Subject to article 8 of the Cyber Crime Law, for a category of computer systems to which access is restricted or completely forbidden, the owners and administrators of such a computer system

are obliged to clearly and automatically warn the user of this computer system, and to provide him/her with information, as well as conditions of use, or forbiddance to use this computer system and legal consequences for unauthorised access to this computer system. Failure to comply with such an obligation is considered a misdemeanour and the perpetrator is punished with a fine ranging from 500 to 5,000 Euros.

**1.4 Are there any other criminal offences (not specific to cybersecurity) in your jurisdiction that may arise in relation to cybersecurity or the occurrence of an Incident (e.g. terrorism offences)? Please cite any specific examples of prosecutions of these offences in a cybersecurity context.**

The Criminal Code provides that issuing blank or false cheques and the misuse of bank or credit cards constitutes a criminal offence. Such an offence is defined as an act committed for the purpose of gaining unlawful material benefit for the perpetrator or for another person, by issuing or placing into circulation cheques which the perpetrator knows are not covered by material means. The placing of false cheques or counterfeit credit cards is punished by a fine and imprisonment for up to three years. In relation to prosecution of this criminal offence in a cybersecurity context, there is a case pending before Kosovo courts where the defendant has been prosecuted for violation of the Cyber Crime Law, specifically for the possession or use of passwords, hardware, software or other tools to commit cybercrime.

## 2 Applicable Laws

**2.1 Please cite any Applicable Laws in your jurisdiction applicable to cybersecurity, including laws applicable to the monitoring, detection, prevention, mitigation and management of Incidents. This may include, for example, laws of data protection, intellectual property, breach of confidence, privacy of electronic communications, information security, and import/export controls, among others.**

The Applicable Laws relevant to cybercrime are listed below.

Law No. 03/L-166 “On prevention and fight against cybercrime”; Law No. 06/L-074 “Criminal Code of The Republic Of Kosovo”; Law No. 04/L-094 “On the information society services”; Law No. 04/L-109 “On electronic communications”; Law No. 05/L-030 “On interception of electronic communication”; Law No. 06/L-082 “On the protection of personal data”; Law No. 04/L-149 “On the execution of penal sanctions”, as amended; Law No. 04/L-065 “On copyright and related rights” as amended; Law No. 04/L-093 “On banks, microfinance institutions and non-bank financial institutions”; Law No. 04/L-198 “On the trade of strategic goods”; Code No. 03/L-109 “Customs and excise code of Kosovo” as amended; and Law No. 03/L-178 “On classification of information and security clearances”.

**2.2 Are there any cybersecurity requirements under Applicable Laws applicable to critical infrastructure in your jurisdiction? For EU countries only, please include details of implementing legislation for the Network and Information Systems Directive and any instances where the implementing legislation in your jurisdiction exceeds the requirements of the Directive.**

Kosovo is not an EU member; however, the Ministry of Internal Affairs has adopted the State Strategy for Cyber Security and the Action Plan for 2016 to 2019, drafted based on European Union practices and policies.

The Kosovo Government has also made the Kosovo Police available as a permanent contact point for international cooperation in the field of cybercrime. In this regard, the Kosovo Police should ensure ongoing international cooperation and assistance in the field of cybercrime, order data retention and confiscation of equipment containing data, as well cooperate with all competent Kosovo authorities while undertaking execution actions.

**2.3 Are organisations required under Applicable Laws, or otherwise expected by a regulatory or other authority, to take measures to monitor, detect, prevent or mitigate Incidents? If so, please describe what measures are required to be taken.**

The Cyber Crime Law provides that authorities and public institutions with competence in this area, service providers, non-governmental organisations and civil society representatives should carry out activities and programmes for the prevention of cybercrime and develop policies, practices, measures, procedures and minimum standards for the security of computer systems and should also organise information campaigns on cybercrime and risks for computer system users.

The Ministry of Justice, the Ministry of Internal Affairs, the Ministry of Transport and Communications, the Ministry of Public Services, and the Kosovo Intelligence Services shall develop special training programmes for personnel for the purpose of preventing and fighting cybercrime in accordance with specific competencies.

**2.4 In relation to any requirements identified in question 2.3 above, might any conflict of laws issues arise? For example, conflicts with laws relating to the unauthorised interception of electronic communications or import/export controls of encryption software and hardware.**

We have not identified any provisions that could lead to conflicts of laws issues. However, in certain cases, the provisions of Law No. 05/L-030 “On interception of electronic communications”, which govern the procedures and conditions for authorised interception of electronic communications, may come into conflict with the measures for surveillance, detection, prevention or mitigation of an Incident by authorised authorities in the cybercrime area.

**2.5 Are organisations required under Applicable Laws, or otherwise expected by a regulatory or other authority, to report information related to Incidents or potential Incidents (including cyber threat information, such as malware signatures, network vulnerabilities and other technical characteristics identifying a cyber attack or attack methodology) to a regulatory or other authority in your jurisdiction? If so, please provide details of: (a) the circumstance in which this reporting obligation is triggered; (b) the regulatory or other authority to which the information is required to be reported; (c) the nature and scope of information that is required to be reported; and (d) whether any defences or exemptions exist by which the organisation might prevent publication of that information.**

There is no obligation to report information related to Incidents to a special authority in Kosovo. However, the Cyber Crime Law provides that the Ministry of Justice, in cooperation with the Ministry of Internal Affairs, shall continuously maintain and supplement the database on cybercrime.

In principle, in order to report any criminal offence, a criminal complaint may be filed by any person to the police station in the area where the crime was committed or to the competent state prosecutor in writing, by technical means of communication or orally. For practical reasons, criminal offences are typically reported to the police station.

After receiving information of a suspected criminal offence, the police shall investigate whether there is reasonable suspicion that a criminal offence prosecuted *ex officio* has been committed. The police shall investigate a criminal complaint and shall take all the necessary steps (i.e. to locate the perpetrator, to prevent, detect and preserve traces and other evidence, to collect all the information that may be of use in criminal proceedings, etc.). In order to perform these tasks, the police are authorised, under the provisions of the Criminal Procedure Code (Law No. 04/L-123), to gather information from individuals, to take all the necessary steps to establish the identity of the persons, and to interview witnesses or possible suspects, etc.

Based on such collected information, the police draft the criminal complaint and submit it to the competent state prosecutor. The public prosecutor is obliged to act according to the criminal complaint, i.e. to initiate proceedings (file an indictment) or to dismiss the criminal complaint.

**2.6 If not a requirement, are organisations permitted by Applicable Laws to voluntarily share information related to Incidents or potential Incidents (including cyber threat information, such as malware signatures, network vulnerabilities and other technical characteristics identifying a cyber attack or attack methodology) with: (a) a regulatory or other authority in your jurisdiction; (b) a regulatory or other authority outside your jurisdiction; or (c) other private sector organisations or trade associations in or outside your jurisdiction?**

The applicable legislation is silent in this regard.

**2.7 Are organisations required under Applicable Laws, or otherwise expected by a regulatory or other authority, to report information related to Incidents or potential Incidents to any affected individuals? If so, please provide details of: (a) the circumstance in which this reporting obligation is triggered; and (b) the nature and scope of information that is required to be reported.**

Subject to the Cyber Crime Law, the prosecutor is obliged to notify in writing, by the end of the investigation, the persons who are under investigation.

**2.8 Do the responses to questions 2.5 to 2.7 change if the information includes: (a) price-sensitive information; (b) IP addresses; (c) email addresses (e.g. an email address from which a phishing email originates); (d) personally identifiable information of cyber threat actors; and (e) personally identifiable information of individuals who have been inadvertently involved in an Incident?**

The applicable legislation does not address this issue.



## 2.9 Please provide details of the regulator(s) responsible for enforcing the requirements identified under questions 2.3 to 2.7.

The State Prosecutor and the Courts are the institutions responsible for the prosecution and punishment of perpetrators of criminal offences and for the confiscation of property acquired through criminal offences.

Also, listed below are institutions relevant to the cybercrime area:

- The Ministry of Internal Affairs is responsible for the drafting and monitoring of policies and legislation in the field of overall security and cybersecurity.
- The Kosovo Police, as a law enforcement agency, has the primary responsibility in combatting all forms of cybercrime within the Cybercrime Sector and for implementing specific supporting structures. The Kosovo Police also serves as a contact point for international cooperation in the field of cybercrime.
- The Kosovo Security Council Secretariat, as an integral part of the Kosovo Security Council, prepares periodic reports for the Government of the Republic of Kosovo and the Kosovo Security Council dealing with security policy issues.
- The Kosovo Intelligence Agency identifies threats that endanger Kosovo's security, such as the threat to territorial integrity, institutional integrity, constitutional order, stability and economic development, as well as threats to global security to the detriment of Kosovo.
- The National Agency for the Protection of Personal Data ensures that controllers respect their obligations regarding the protection of personal data and that data subjects are informed about their rights and obligations in accordance with the Law "On protection of personal data".
- The Ministry of Justice, the Ministry for the Kosovo Security Force, the Ministry of Economic Development, the Ministry of Foreign Affairs, the Ministry of Finance, as well as the Regulatory Authority of Electronic Data and Postal Communications and the Information Society Agency contribute to cybersecurity in their relevant fields.

## 2.10 What are the penalties for not complying with the requirements identified under questions 2.3 to 2.8?

There are no penalties provided by the applicable legislation.

## 2.11 Please cite any specific examples of enforcement action taken in cases of non-compliance with the above-mentioned requirements.

We are not aware of any enforcement actions taken in this area.

## 2.12 Are organisations permitted to use any of the following measures to detect and deflect incidents in their own networks in your jurisdiction?

**Beacons (i.e. imperceptible, remotely hosted graphics inserted into content to trigger a contact with a remote server that will reveal the IP address of a computer that is viewing such content)** The applicable legislation does not specify if these measures are permitted or not. Referring to the prevention, security and information campaigns, "The Cyber Crime Law" provides that authorities and public institutions with competence in this area, service providers, non-governmental organisations and civil society

representatives should carry out activities and programmes for the prevention of cybercrime and develop policies, practices, measures, procedures and minimum standards for the security of computer systems and should also organise information campaigns on cybercrime and risks for computer system users.

**Honeypots (i.e. digital traps designed to trick cyber threat actors into taking action against a synthetic network, thereby allowing an organisation to detect and counteract attempts to attack its network without causing any damage to the organisation's real network or data)**

The applicable legislation does not specify if these measures are permitted or not.

**Sinkholes (i.e. measures to re-direct malicious traffic away from an organisation's own IP addresses and servers, commonly used to prevent DDoS attacks)**

The applicable legislation does not specify if these measures are permitted or not.

## 3 Specific Sectors

### 3.1 Does market practice with respect to information security (e.g. measures to prevent, detect, mitigate and respond to incidents) vary across different business sectors in your jurisdiction? Please include details of any common deviations from the strict legal requirements under Applicable Laws.

There is no consolidated practice in the area of cybercrime to make this assessment.

### 3.2 Are there any specific legal requirements in relation to cybersecurity applicable to organisations in: (a) the financial services sector; and (b) the telecommunications sector?

There are no specific requirements as regards cybersecurity in different organisations. However, as regards the telecommunication sector, there are specific obligations for the purpose of criminal proceedings for entrepreneurs of public electronic communications services and networks based on the Law "On electronic communications" (Law No. 04/L-109). As regards the financial sector, financial institutions in Kosovo are bound by the provisions of the Law "On the prevention of money laundering and combatting financing of terrorism" (Law No. 05/L-096), which provides measures and procedures for detecting and preventing criminal offences of money laundering and combatting terrorist financing.

## 4 Corporate Governance

### 4.1 In what circumstances, if any, might a failure by a company (whether listed or private) to prevent, mitigate, manage or respond to an incident amount to a breach of directors' duties in your jurisdiction?

We have not identified such circumstances based on the applicable legislation.

**4.2 Are companies (whether listed or private) required under Applicable Laws to: (a) designate a CISO; (b) establish a written incident response plan or policy; (c) conduct periodic cyber risk assessments, including for third party vendors; and (d) perform penetration tests or vulnerability assessments?**

There is no such responsibility provided under the Applicable Laws for companies.

**4.3 Are companies (whether listed or private) subject to any specific disclosure requirements in relation to cybersecurity risks or Incidents (e.g. to listing authorities, the market or otherwise in their annual reports)?**

No, they are not.

**4.4 Are companies (whether public or listed) subject to any other specific requirements under Applicable Laws in relation to cybersecurity?**

No, they are not.

## 5 Litigation

**5.1 Please provide details of any civil actions that may be brought in relation to any Incident and the elements of that action that would need to be met.**

Civil actions that may be brought would be those claiming compensation of damages in virtue of the Law “On obligations relationship” (Law No. 04/L-077). In that case, the culpability of a person that has caused damages in relation to any Incident should be proven.

**5.2 Please cite any specific examples of cases that have been brought in your jurisdiction in relation to Incidents.**

From the review of some of the published decisions of the Basic Courts and the Supreme Court adopted during 2017 and 2018, we have not identified any decision adopted in this respect. Based on media reports, there have been several cases of prosecution for possession or use of passwords, software or other tools to commit cybercrime, prosecuted in connection with the criminal offence of abuse of banks and credit cards.

**5.3 Is there any potential liability in tort or equivalent legal theory in relation to an Incident?**

There are no such liabilities provided under Kosovo law.

## 6 Insurance

**6.1 Are organisations permitted to take out insurance against Incidents in your jurisdiction?**

Such type of insurance does not exist in practice.

**6.2 Are there any regulatory limitations to insurance coverage against specific types of loss, such as business interruption, system failures, cyber extortion or digital asset restoration? If so, are there any legal limits placed on what the insurance policy can cover?**

There are no such regulatory limitations provided by the Applicable Laws.

## 7 Employees

**7.1 Are there any specific requirements under Applicable Law regarding: (a) the monitoring of employees for the purposes of preventing, detection, mitigating and responding to Incidents; and (b) the reporting of cyber risks, security flaws, Incidents or potential Incidents by employees to their employer?**

There are no such requirements provided by the applicable legislation.

**7.2 Are there any Applicable Laws (e.g. whistle-blowing laws) that may prohibit or limit the reporting of cyber risks, security flaws, Incidents or potential Incidents by an employee?**

We have not found any provisions in the Law “On witness protection” (Law No. 04/L-015) that may limit the reporting of Incidents. The law provides for special and urgent measures and procedures for witness protection if there is a serious threat to a person and the person’s close relatives and if that person agrees to cooperate closely with the courts or investigatory authorities.

## 8 Investigatory and Police Powers

**8.1 Please provide details of any investigatory powers of law enforcement or other authorities under Applicable Laws in your jurisdiction (e.g. antiterrorism laws) that may be relied upon to investigate an Incident.**

Pursuant to the Criminal Procedure Code (Law No. 04/L-123), the state prosecutor may undertake investigative actions or authorise the police to undertake investigative actions regarding the collection of evidence. In the latter case, the police shall investigate criminal offences and shall take all the steps necessary to locate the perpetrator, to prevent the perpetrator or his/her accomplice from hiding or fleeing, to detect and preserve traces and other evidence of the criminal offence and objects which might serve as evidence, and to collect all the information that may be of use in the criminal proceedings.

**8.2 Are there any requirements under Applicable Laws for organisations to implement backdoors in their IT systems for law enforcement authorities or to provide law enforcement authorities with encryption keys?**

There are no such requirements.



**Renata Leka** is a Partner at Boga & Associates, which she joined in 1998. She is specialised in intellectual property, data protection, and cybersecurity.

Renata is an authorised trademark agent and has ample experience in trademark filing strategy, portfolio management and trademark prosecution, and handles a range of international matters involving IPR issues. She manages anti-piracy and anti-counterfeit programmes regarding violation of copyright in Albania and assists international clients in all aspects of the IPR.

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She is specialised in intellectual property, data protection and privacy, commercial contracts and cybersecurity.

Delvina has extensive experience in providing legal advice to both domestic and multinational clients on a wide range of corporate, mergers and acquisitions, business and banking matters. She also provides assistance in advising investors on a number of transactions including project finance, mergers and acquisitions, and privatisations.

Delvina graduated in law from the University of Zagreb and is member of the Kosovo Bar Association.

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