

Contents

1	Notion of Anonymity	1
1.1	Term and Meaning of Anonymity	1
1.2	Underlying Motivations of Anonymity	2
1.3	Characteristics of Communication	3
1.3.1	Real World	3
1.3.2	Particularities of the Online World	4
	References	9
2	Anonymity Challenges in the Internet	11
2.1	Risks for Anonymous Use of Internet Services	11
2.1.1	Information Gathered by IP Addresses	11
2.1.2	Storage of Recorded Data	13
2.1.3	Insufficient Data Security Measures	13
2.2	Technical Implementation of Anonymizing Services	15
2.2.1	Privacy Enhancing Technologies in General	15
2.2.2	Anonymizing Networking Techniques	16
2.2.3	Virtue of Anonymizing Services	19
	References	20
3	Legal Foundations of Anonymity	23
3.1	International Legal Framework	23
3.1.1	United Nations	24
3.1.2	OECD	26
3.1.3	Council of Europe	26
3.1.4	European Union	29
3.2	Concretization of the Human Rights Protection Regime	35
3.2.1	Correlations of Anonymity and Privacy	35
3.2.2	Protection Regime of Privacy	36
	References	40

4	Limitations of Anonymization.	45
4.1	Factual Reasons for State Interventions	45
4.2	State Supervision in the Public Interest in General	46
4.2.1	Legitimate State Interests.	46
4.2.2	Legal Bases for State Interventions	48
4.3	Combating Cybercrime.	52
4.3.1	Subject Matter of Protection.	52
4.3.2	Global Cybersecurity Agenda.	53
4.3.3	Cybercrime Convention of Council of Europe	55
4.3.4	EU Agenda	57
4.4	Supervising Internet Traffic by Trojan Horse Software	58
4.4.1	Use of Trojan Horse Software by the German Government	58
4.4.2	Use of Trojan Horse Software by Other Governments. . .	63
4.4.3	Concluding Legal Assessment	65
4.5	Enforcement of Copyright	66
	References	69
5	Outlook	73

Anonymization

Weber, R.H.; Heinrich, U.I.

2012, VII, 73 p., Softcover

ISBN: 978-1-4471-4065-8