

Table of Contents

SUMMARY.....	5
CYBERSCEPTICISM: ARGUMENTS AGAINST CYBERWAR.....	6
INTRODUCTION.....	6
EXISTING CONCEPTS, CLASHING ATTITUDES	7
AN IMPROBABLE CYBERWAR: THE SCEPTICAL STANDPOINT.....	12
CONCLUSION	13
CYBERDETERRENCE	14
INTRODUCTION.....	14
CYBER AND DETERRENCE “THEORY”	14
CYBERDETERRENCE	17
CONCLUSION	20
PRINCIPLE OF DISTINCTION IN CYBER WARFARE.....	22
INTRODUCTION.....	22
LAW AND ITS PURPOSE.....	22
APPLYING DISTINCTION TO CYBERSPACE	24
CONCLUSION	28
THE PHENOMENON OF ADVANCED PERSISTENT THREAT: IDENTIFICATION OF CRITERIA IN NEW CASES.....	29
INTRODUCTION.....	29
PREVIOUS RESEARCH	29
CRITERIA.....	30
APT NOT STATE-SPONSORED?.....	32
ANATOMY OF ATTACK	33
PREVIOUS CASES.....	34
NEW CASES	35
SUMMARY	38
CONCLUSION	39
CHINESE TELECOMMUNICATIONS COMPANIES AS A THREAT TO CRITICAL INFRASTRUCTURE: THE CASE OF HUAWEI	40
INTRODUCTION.....	40
HUAWEI’S HISTORY AND PROFILE	40
ASSESSMENT OF HUAWEI AS A THREAT	41
CHARACTER OF POSSIBLE RISKS TOWARD CRITICAL INFRASTRUCTURE DEFINITION	43
HUAWEI’S CURRENT STATUS	43
HUAWEI’S STRATEGY.....	44
CONCLUSION	45
REGIONAL CYBER SECURITY COOPERATION REGIMES: OPPORTUNITIES AND CHALLENGES	47
INTRODUCTION.....	47
IMPORTANCE OF REGIONALISM FOR CYBERSECURITY.....	48
BENEFITS AND CHALLENGES OF REGIONALISM FOR REDUCING THE SECURITY DILEMMA.....	51
MAJOR CONCERNs FOR NORMATIVE REGIONAL COOPERATION.....	52
CYBERSECURITY MEASURES IN REGIONAL ORGANIZATIONS	56
CONCLUSION	59
INTERNET REGULATION IN THE RUSSIAN FEDERATION	60
INTRODUCTION.....	60
DEFENDING DEMOCRACY.....	60
DEMOCRACY AND RUSSIA.....	61
REGULATION OF INTERNET CONTENT: A CASE STUDY OF THE RUSSIAN FEDERATION	62
CONCLUSION AND ANALYSIS OF INTERNET REGULATION IN THE RUSSIAN FEDERATION.....	68

A SOCIOLOGICAL APPROACH TO CYBERSPACE CONCEPTUALIZATION AND IMPLICATIONS FOR INTERNATIONAL SECURITY	70
INTRODUCTION.....	70
CYBERSPACE DEFINITIONS AND CHARACTERISTICS DISCUSSED TODAY.....	71
CONCEPTUAL FRAMEWORK OF A CYBERSPACE COGNITIVE LAYER	73
CONCLUDING REMARKS.....	77
CONCLUSION	77
SECURITIZATION OF DIGITAL PIRACY	78
INTRODUCTION.....	78
WHAT IS PIRACY AND WHAT DOES IT DO?	78
THE ROLE OF PIRACY	79
THE SECOND ENCLOSURE MOVEMENT	80
WHAT IS SECURITIZATION.....	81
THE FIGHT AGAINST PIRACY	81
PIRACY AS A SECURITY THREAT	83
CONCLUSION	84
CLOSING REMARKS	86
AUTHOR PROFILES.....	87
REFERENCES	89
INDEX	113

Table of Figures

Figure 1 - Identification of APT criteria.....	39
Figure 2 - Russian Internet regulation legislation.....	63
Figure 3 - Forms of Internet Regulation in RF.....	65