

SECURELEX.RU

B 5D 2C,,A CÔ@CÄ2CT@C¤8 D 0C"BCÄ2 CÔ0 D >CÄBC\$5D\$AD\$2

AÔ A' B' Aä"Bt B" B4 A,"A

<https://example.com/>

AD0D\$0 CÔ@CÄ2CT4CT5CD,CD5C¤0C @Dò # #R 3.

B\$8Cò ?D >C\$5D :Cf AD@D43Cä5 / B4=C,,2CT@D 0C'LCÔKC•

Aä1D"8C' @CT7D4;DÄB5B:

B BC BD4A: AÔ5 D >CÄBC\$5D\$AD\$2D45D

2

AÔ@CÄ9CD5CÔ>

8

AÔ@CT4D4?D 5Cd4CT=C,,9

1

AÔ0D CD,,5CÔ8C•

AD B\$ A',AÔ+AR AT B4 BÄ"A "B² B A\$ B A€

%¶ B\$5DT=C,,GCTAC¤0Dò 1CT7Cä?C ACÔ>D BDÀ

'HTTPS/SSL D 5D BC,,DC,:C B

Aô@Cä2CT@C¤0 C 5Ct>Cô0D =Cä3Câ ...EE 2 ACä5CD8CÔ5CÔ8Dõ
AD5D\$0C'8: B 0C"B C,,ACô>C'LctCCTB HTTPS (TLS)

%¶ Aä1D"8CR BD 5C >C\$0CÔ8Dõ

§HSTS Header

HTTP Strict Transport Security

AD5D\$0C'8: HSTS CÔ5 CÔ0D BD >CT= - C @C CCT5D <Cä6CTB C,,ACô>C'Lct>C\$0D\$L CÔ5C 5Ct>Cô0D =Cä5 HTTP D >CT

§Content Security Policy

Aô>C'8D\$8C¤0 C 5Ct>Cô0D =CäAD\$8 C¤>CÔBCT=D\$0

AD5D\$0C'8: CSP CÔ5 CÔ0D BD >CT= - D 0C"B D4OCt2C,< CD;Dò ...52 0D\$0C

§X-Frame-Options

At0D"8D\$0 CäB clickjacking

AD5D\$0C'8: At0D"8D\$0 CäB clickjacking CÔ5 CÔ0D BD >CT=C

§X-Content-Type-Options

At0D"8D\$0 CäB MIME sniffing

AD5D\$0C'8: At0D"8D\$0 CäB MIME sniffing CÔ5 CÔ0D BD >CT=C

'Aô>C'8D\$8C¤0 C¤>CÔDC,,4CT=Dd8C ;DÄ=CäAD\$8

AÔ0C'8Dt8CR 8 CD>D BDÄ ?Cä;C,,BC,,;C, :Cä=DD8CD5CÔFC,,0C'LcÔ>D BC, „\$ArÓ S"•

AD5D\$0C'8: Aô>C'8D\$8C¤0 C¤>CÔDC,,4CT=Dd8C ;DÄ=CäAD\$8 CÔ5 CÔ0C"4CT=C =C AD\$@C =C,,FCP

§Aô>C'Lct>C\$0D\$5C'LD :Cä5 D >C4;C HCT=C,,5

AÔ0C'8Dt8CR CD ;Cä2C,,9 C,,ACô>C'Lct>C\$0CÔ8Dò ACT@C\$8D 0

AD5D\$0C'8: Aô>C'Lct>C\$0D\$5C'LD :Cä5 D >C4;C HCT=C,,5 CÔ5 CÔ0C"4CT=Cà

%¶ BD -152

'B >C4;C AC,,5 CÔ0 Cä1D 0C >D\$:D2 AD=

Aô@Cä2CT@C¤0 CÔ0C'8Dt8Dò GCT:C >C¤AC ACä3C'0D 8Dò 2 DD>D <C E (BD -152 D B.9)
AD5D\$0C'8: BD>D <D² AC >D 0 CD0CÔ=D'E CÔ5 Cä1CÔ0D CCd5CÔK CÔ0 D BD 0CÔ8Dd5

%¶ Cookie-Cô>C'8D\$8C¤0

§Cookie-C 0CÔ=CT@

B42CT4Cä<C'5CÔ8CR >C 8D ?Cä;DÄ7Cä2C =C,,8 cookies

AD5D\$0C'8: Cookie-C 0CÔ=CT@ CÔ5 Cä1CÔ0D CCd5CÔÒ 2Cä7Cä>Cd=Câ =C @D4HCT=C,,5 D\$@CT1Cä2C =C,,9 BD -152
B\$@CT1Cä2C =C,,5: BD -152

%¶ BD -149

§A¤>CÔBC :D\$=C O C,,=DD>D <C FC,,O

AÔ0C'8Dt8CR :Cä=D\$0C¤BCÔKDR 4C =CÔKDR >Cô5D 0D\$>D 0 (BD -149)

AD5D\$0C'8: A¤>CÔBC :D\$=C O C,,=DD>D <C FC,,O CÔ5 CÔ0C"4CT=C =C AD\$@C =C,,FCP
B\$@CT1Cä2C =C,,5: BD -149

§B 5C¤2C,,7C,,BD² :Cä<Cô0CÔ8C€

AÔ0C'8Dt8CR ND 8CD8Dt5D :C,,E D 5C¤2C,,7C,,BCä2 (A,, AÒÂ A4 AÒ•

AD5D\$0C'8: Bä@C,,4C,,GCTAC¤8CR @CT:C\$8Ct8D\$K (A,, AÒô A4 AÒ' =CR =C 9CD5CÔK
B\$@CT1Cä2C =C,,5: BD -149

& A,, BD B A &A,/ Aâ (B\$ A \$A % A, A,,!A¤ BP

Aô@C, 2D'OC\$;CT=CÔKDR =C @D4HCT=C,,ODR 7C :Cä=Cä4C BCT;DÄAD\$2C ?D 5CDCD <CäBD 5CÔK D ;CT4D4ND

BD5CD5D 0C'LCÔKC' 7C :Cä= ! 152-BD «Aâ ?CT@D >CÔ0C'LCÔKDR 4C =CÔKD[°

B BC BDÄO: D B. 13.11 A¤>A B \$

B 0Ct<CT@ D,,BD 0DD0: CäB 6 000 CD> 18 000 000 ½

B 8D :Cf B,,BD 0DDK CD;Dò 4Cä;Cd=CäAD\$=D'E C'8Db >D" ÒÂ 4C'O Dä@C'8Db >D" c Ò 4Câ , Ò ?D

BD5CD5D 0C'LCÔKC' 7C :Cä= ! 149-BD «Aä1 C,,=DD>D <C FC,,8»

B BC BDÄO: D B. 13.18 A¤>A B \$, D B. 274 B4 B \$

B 0Ct<CT@ D,,BD 0DD0: CäB 50 000 CD> 500 000 ½

B 8D :Cf A ;Cä:C,,@Cä2C¤0 D 0C"BC CäAC¤>CÄ=C 4Ct>D >CÂÂ CC4>C'>C\$=C O CäBC\$5D\$AD\$2CT=CÔ>D BDÂ

A\$ Ad Aâ

B ACT=D\$OC @Dò # #2 3Cä4C HD\$@C DD² 7C =C @D4HCT=C,,O C" >C ;C AD\$8 Cô5D ACä=C ;DÄ=D'E CD0C
D42CT;C,,GCT=D² 2 CÔ5D :Cä;DÄ:Câ @C 7. B 5C¤>CÄ5CÔ4D45CÂ CD BD 0CÔ8D\$L CÔ0D CD,,5CÔ8Dò 2 C ;C,,60

B A¤ AÄ AÔ A &A,, Aô B4!B\$ A AT A,,.

A¤@C,,BC,,GCTAC¤8CR =C @D4HCT=C,,O (D\$@CT1D4ND" =CT<CT4C'5CÔ=Cä3Câ CD BD 0CÔ5

1. Aô>C'8D\$8C¤0 C¤>CÔDC,,4CT=Dd8C ;DÄ=CäAD\$8

B 5C¤>CÄ5CÔ4C FC,,O: AÔ5Cä1DT>CD8CÄ> D4AD\$@C =C,,BDÂ =C @D4HCT=C,,5 CD;Dò ACä>D\$2CTBD BC\$8Dò BD 5C >

Aô@CT4D4?D 5Cd4CT=C,,O (D 5C¤>CÄ5CÔ4D45D\$ADò 8D ?D 0C\$8D\$L):

1. HSTS Header

2. Content Security Policy

3. X-Frame-Options

4. X-Content-Type-Options

5. Cookie-C 0CÔ=CT@

6. A¤>CÔBC :D\$=C O C,,=DD>D <C FC,,O

7. B 5C¤2C,,7C,,BD² :Cä<Cô0CÔ8C€

8. Aô>C'L Ct>C\$0D\$5C'LD :Cä5 D >C4;C HCT=C,,5

At A¤ Ad B\$ Aô A' B' A #AD B" !A B\$
CÔ0 D >CäBC\$5D\$AD\$2C,,5 BD -152, BD -149

A" ?Cä;CÔKC' 0D44C,,B C\$ECä4C,,B:

- ' A\$KDô2C'5CÔ8CR 2D 5DR =C @D4HCT=C,,9 Ct0C¤>CÔ>CD0D\$5C'LD BC\$0
- ' Aô>CD3CäBCä2C¤0 Aô>C'8D\$8C¤8 C¤>CÔDC,,4CT=Dd8C ;DÄ=CäAD\$8
- ' B >D BC 2C'5CÔ8CR DCä@CÂ ACä3C'0D 8Dò =C >C @C 1CäBC¤C Aô
- ' A,,=D BD CC¤FC,,8 CD;Dò ACäBD CCD=C,,;Cä2
- ' AÔ0D BD >C":C 6öö¶-RÔ1C =CÔ5D 0
- ' Bä@C,,4C,,GCTAC¤>CR ACä?D >C\$>Cd4CT=C,,5

At B" B\$ Aä" B,"B BD A" A Aä A,, Aä A¤ !

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