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 - CAdES
 - XAdES ASIC-S(E)
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 - () CAdES
 - () XAdES ASIC-S(E)
 - ()
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- -
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- -
 -
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1		() .
2		: , Base64 , HTML- .
3		
4		
5		() .
6		

(Java, Maven, Cipher Signer Server): <https://github.com/stokipny/sjwsa-singer-server-client>

().

1		() .
2		: , Base64 , HTML- .
3		
4		
5		() . .
6		() .
7		

CAdES

1		() .
2		: , Base64 , HTML- .

3		"signatureType" "cadesType".
4		
5		0 . .
6		0 .
7		

XAdES ASIC-S(E)

1		0 .
2		: , Base64 , HTML- . (ATTACHED) XAdES xml-.
3		: • XAdES: "signatureType", "xadesType". • ASiC-E XAdES: "xadesType", "asicForm=ASIC_E" • ASiC-E CAdES: "cadesType", "asicForm=ASIC_E" • ASIC-S CAdES: "cadesType", "asicForm=ASIC_S" • ASIC-S XAdES:
4		, ' .
5		
6		0 . .
7		0 .
8		

1		0 .
2		. : , Base64 , HTML- .
3		"cadesType". "dataToSignQualifier" "alreadySigned". "signatureType" "attached". "duplicateSign" "true", .
4		
5		0 .
6		

1		0 .
2		: , Base64 , HTML- .
3		. : , Base64 , HTML- .

4		"cadesType". "dataToSignQualifier" "alreadySigned". "signatureType" "detached". "duplicateSign" "true", .
5		
6		() .
7		

() CAdES

1		() .
2		"signatureType" "cadesType".
3	()	"dataToSign".
4		

() XAdES ASiC-S(E)

1		() .
2		: • XAdES: "signatureType", "xadesType". • ASiC-E XAdES: "xadesType", "asicForm=ASiC_E" • ASiC-E CAdES: "cadesType", "asicForm=ASiC_E" • ASiC-S CAdES: "cadesType", "asicForm=ASiC_S" • ASiC-S XAdES:
3	()	(ATTACHED) XAdES xml-. "dataToSign".
4		

()

1		() .
2		
3	()	
4		

1		() .
2		: , Base64 , HTML- .
3		: , Base64 , HTML- .
4		

5		
6		0 .
7		

, .

(Java, Maven, Cipher Signer Server): <https://github.com/stokipny/sjwsa-singer-server-client>

1		0 .
2		: , Base64 .
3		: , Base64 . , .
4		"cadesType" () . () "undefined", "CADESXLong". "signatureType" () .
5		
6		0 . .
7		

1		0 .
2		: , Base64 .
3		: , Base64 . , .
4		"cadesType" () . () "undefined", "CADESXLong". "signatureType" () .
5		
6		0 . .
7		0 .
8		

1		0 .
2		: , Base64 , HTML- .
3		3 5 .
4		

5		0 .
6		

0.

1		0 .
2		: , Base64 , HTML- .
3		
4		
5		0 . .
6		0 .
7		

1		0 .
2		: , Base64 , HTML- .
3		: , Base64 , HTML- .
4		
5		
6		0 .
7		