# Security ( , )

, PC IP
.

```
C:\    \repia> telnet ${IP} ${PORT}
```

, .
, OS
.
telnet .

## Encoding, Decoding

Base64 ,
JAVA-BASE64- -

## Telnet

Window10
Window7

CentOS7
CentOS6

## (Tool)

FindBug ⇒ SpotBugs
FindSecurityBug
PMD

(KISA)

JAVA

- _java_v1.2_　_-　.pdf

XSS　　　　　→ CSP(　　　　　　　)

Content Security Policy (CSP)

OPENEG

CA

```
     (Certificate)   begin date   expire date                        .
hostname                     .
   (revoked)                  .
SHA2                                          .
            CA                                          .
```

```
1. 3              9                    ( /       ,         ,         1                 )
2.
3. 90
4.                      10
5.      4                    (1                    )
6. ID
7.
8.      5                                       (10                 )
9.

                                         (              ),

                                  (SMS,     )

10
1                              4
```

Admin Web

```
              URL                                .
                                                      URI
IP       (                          IP      ,                           )
```

TLS 1.2

(OTP, HTTPS, ...)

.
.

, , , , , / , ,
, ,
(2020.8.5 )

WhiteList

SHA2( )
apk
( )

,

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