



链滴

某解析 b 站 MP4 视频的逆向获取

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来源网站: [链滴](#)

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```
$("#playerTitle").text($(this).attr("beibei_title"));
$("#playergo").val($(this).attr("bvid"));
$("#exampleModalCenter").modal('show')
});

$("#button#offplayer").click(function(){
    //alert('off');
    $("#topplayer").attr("src","about:blank");
    $("#exampleModalCenter").modal('hide')
});

var encode_version = 'sojjson.v5', oeyff = '__0x7c3a4', __0x7c3a4=
[ 'wpcBlcOMwpE=', 'wqQSwr1AwplDOa==', 'w6oVX8Kgw44=', 'LcK3woA5Ag==', 'wqJxJQ==', 'wpXdm808NBTCnW0=', 'e8KWwpFDqvc==', 'w6cYw4M=', 'wp51wrxmYApzw
rBDSxps', 'UMKRW4c=', 'aF0bwpDDvMOe', 'CsKqKcOL', 'w5kOw4B+Ugr+wrDRXUwVYMO1w5HC1Q==', 'RcK8wpBdnMK9w7zCjgVzV5BVCsOYA8K8wqo=', 'w5rDicKA', 'VFU
FR8vD1MOI', 'w7gprw6o=', 'c80Gw7c=', 'wr1R8BjDpcKGwrPDn3nCi2Y=', 'wrkaXBQHW6N8SA==', 'GsKVbQ==', 'w7Euw6ZO', 'HTVcQX51DcOUwqof', 'aw7CkE94wrVjBc
KV', '5Lq16IKY5Yi26ZiQMkfs01w5bCkAIPw5M=', 'JF7DsC80WiAhYzgneFh5wzCmQ==', 'WgIUwphDrC04esKGw7t+wpvDiDA5w429', 'wq30wrs=', 'wohxwprpXlo='
];(function(_0x4459cd,_0x5b3e0a){var _0x401bc7=function(_0x332f15){while(--_0x332f15){_0x4459cd['push'](_0x4459cd['shift']
());};_0x401bc7(++_0x5b3e0a);}(_0x7c3a4,_0x175);var _0x4525=function(_0x46b41e,_0x4b9780){_0x46b41e=_0x46b41e-0x0;var
_0x24583d=__0x7c3a4[_0x46b41e];if(_0x4525['initialized']==undefined){(function(){var _0x24ddd3=typeof window!=='undefined'?
window:typeof process==='object'&&typeof require==='function'&&typeof global==='object'?global:this;var
_0x416079='ABCDEFGHJKLMNPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz123456789+/'+_0x24ddd3['atob']|(_0x24ddd3['atob']=function(_0x541448)
{var _0x47dc8b=String(_0x541448)['replace'](/=/+/, '');for(var
_0x28da72=0x0,_0x2a8967,_0x365a52,_0xdfab69=0x0,_0x48a56a='';_0x365a52=_0x47dc8b['charCodeAt'](_0xdfab69++);~_0x365a52&&
(_0x2a8967=_0x28da72%0x4?_0x2a8967*0x40+_0x365a52:_0x365a52,_0x28da72+=0x04)?_0x48a56a+=String['fromCharCode'](_0xff8_0x2a8967>>
(-0x2*_0x28da72&0x6)):0x0){_0x365a52=_0x416079['indexOf'](_0x365a52);return _0x48a56a;}});}();var
_0x27f525=function(_0x5b862f,_0x510bd5){var _0xcd0bf1=
[],_0x387cc9=0x0,_0x492a29,_0x1cad3c='',_0x3bc391='';_0x5b862f=atob(_0x5b862f);for(var
_0xc91a0e=0x0,_0x54c042=_0x5b862f['length'];_0xc91a0e<_0x54c042;_0xc91a0e++){_0x3bc391+=_0x0+_0x5b862f['charCodeAt'](_0xc91a0e)
['toString'](_0x10)}['slice'](-0x2);_0x5b862f=decodeURIComponent(_0x3bc391);for(var _0xb65fb7=0x0,_0xb65fb7<0x100;_0xb65fb7++)
_0xcd0bf1[_0xb65fb7]=_0xb65fb7;for(_0xb65fb7=0x0;_0xb65fb7<0x100;_0xb65fb7++){_0x387cc9=
(_0x387cc9+_0xcd0bf1[_0xb65fb7]+_0x510bd5['charCodeAtAt']
(_0xb65fb7%_0x510bd5['length']))%0x100;_0x492a29=_0xcd0bf1[_0xb65fb7];_0xcd0bf1[_0xb65fb7]=_0xcd0bf1[_0x387cc9];_0xcd0bf1[_0x387cc9]=_0
x492a29;_0xb65fb7=0x0;_0x387cc9=0x0;for(var _0x5e1b82=0x0;_0x5e1b82<_0x5b862f['length'];_0x5e1b82++){_0xb65fb7=
(_0xb65fb7+0x1)%0x100;_0x387cc9=
(_0x387cc9+_0xcd0bf1[_0xb65fb7])%0x100;_0x492a29=_0xcd0bf1[_0xb65fb7];_0xcd0bf1[_0xb65fb7]=_0xcd0bf1[_0x387cc9];_0xcd0bf1[_0x387cc9]=_0
x492a29;_0x1cad3c+=String['fromCharCode'](_0x5b862f['charCodeAtAt']
(_0x5e1b82)^_0xcd0bf1[_0xb65fb7]+_0xcd0bf1[_0x387cc9])%0x100);}return _0x1cad3c;};_0x4525['rc4']=_0x27f525;_0x4525['data']=
{};_0x4525['initialized']=!![];var _0x2952ce=_0x4525['data'][_0x46b41e];if(_0x2952ce===undefined){if(_0x4525['once']==undefined)
_0x4525['once']=!![];_0x24583d=_0x4525['rc4'](_0x24583d,_0x4b9780);_0x4525['data']
[_0x46b41e]=_0x24583d;}_else{(_0x24583d=_0x2952ce);return _0x24583d;};function encrypt(_0x336ffa){var _0x456166=
{'hmmwg':_0x4525('0x0','1Y7^'),'VineJ':_0x4525('0x1',')sot');var _0x9fab4=CryptoJS[_0x4525('0x2','VEcz')][_0x4525('0x3','m)hX')]
['parse'](_0x456166[_0x4525('0x4','Dw4g')]);var _0x4cc587=CryptoJS['enc']['Gua'][_0x4525('0x5','GuA')][_0x4525('0x6','y6UV')]
(_0x456166[_0x4525('0x7','j*g[']));var _0x518a60=CryptoJS[_0x4525('0x8','eITC')][_0x4525('0x9','GRAR')][_0x336ffa,_0x9fab4,
{'iv':_0x4cc587,'mode':CryptoJS[_0x4525('0xa','THGR')][_0x4525('0xb','o(Cg)'],'adding':CryptoJS['pad'][_0x4525('0xc','m)hX')]}]);
_0x4525('0xf','2W(k)')[_0x4525('0x10','R!FI')];var _0x431fea=CryptoJS['enc']['Latin1'][_0x4525('0x11','N6Ge')];var
_0x28806e=CryptoJS[_0x4525('0x12','U[j)'][_0x4525('0x13','u4yX')][_0x55cd15,_0x2b29a5,{'iv':_0x431fea,'mode':CryptoJS['mode']
[_0x4525('0x14','R!FI')],'adding':CryptoJS[_0x4525('0x15','KvSw')][_0x4525('0x16','eITC')]}][_0x4525('0x17','o^r^')]
(CryptoJS[_0x4525('0x18','ZH08')][_0x4525('0x19','o(Cg)']);return _0x28806e;};if(!('typeof
```

5. 没见过这两种加密方法，网上百度，截图中的代码一看就是经过加密混淆的，所以首先反混淆解密下看看

https://jsdec.js.org/

1. v4

```
/*
*Progressed By JSDec in 0.00s
*JSDec - [JSDec.js.org](http://jsdec.js.org/)
*/
$("#mp4-url").attr("href",decrypt(hahaha));
$("#mp4-url2").text(decrypt(hahaha));
$("#player").attr("src", "[https://xbeibeix.com/api/player/?s=1&url=](https://xbeibeix.com/api
player/?s=1&url=)" + encodeURIComponent(decrypt($("#list").val())));
$("#list").change(function() {
if ($("#list").val() != "false") {
$("#player").attr("src", "[https://xbeibeix.com/api/player/?s=1&url=](https://xbeibeix.com/api
player/?s=1&url=)" + encodeURIComponent(decrypt($("#list").val())));
}
})
```

2. v5

```
/*
*Progressed By JSDec in 0.01s
*JSDec - [JSDec.js.org](http://jsdec.js.org/)
*/
function encrypt(_0x336ffa) {
var _0x456166 = {
'hhmwg': 'beibeidouyu12345',
'VlneJ': 'beibei1234567890'
};
var _0x9fab4 = CryptoJS['enc']['Latin1']['parse'](_0x456166['hhmwg']);
var _0x4cc587 = CryptoJS['enc']['Latin1']['parse'](_0x456166['VlneJ']);
var _0x518a60 = CryptoJS['AES']['encrypt'](_0x336ffa, _0x9fab4, {
'iv': _0x4cc587,
```

```
'mode': CryptoJS['mode']['CBC'],
'adding': CryptoJS['pad']['ZeroPadding']

)['toString'];

return _0x518a60;
}

function decrypt(_0x55cd15) {

var _0x2b29a5 = CryptoJS['enc']['Latin1']['parse']('beibeidouyu12345');
var _0x431fea = CryptoJS['enc']['Latin1']['parse']('beibei1234567890');
var _0x28806e = CryptoJS['AES']['decrypt'](_0x55cd15, _0x2b29a5, {
'iv': _0x431fea,
'mode': CryptoJS['mode']['CBC'],
'adding': CryptoJS['pad']['ZeroPadding']

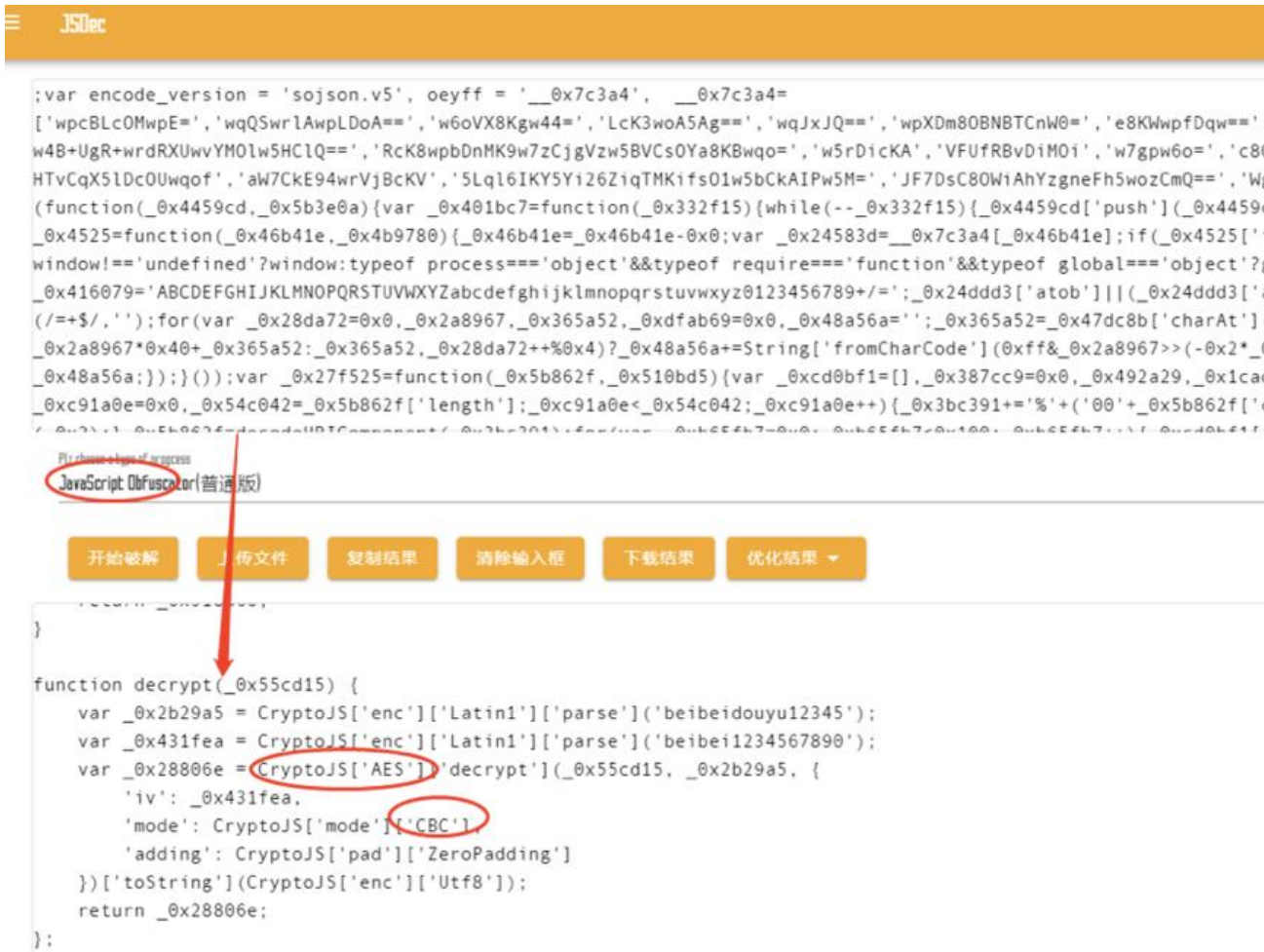
)['toString'](CryptoJS['enc']['Utf8']);

return _0x28806e;
};

if (!(typeof encode_version !== 'undefined' && encode_version === 'sojson.v5')) {

window['alert']('不能删除sojson.v5');
};
```

从代码和截图中我们可以很清楚的看到hahaha 经过了调用decrypt方法进行了解密，生了mp4得网，那么我们需要知道，hahaha字符串是什么加密方法，搜索decrypt方法，我们看到了上方左边图片一对代码，decrypt就在其中不过全部被混淆了看不到，所以使用工具反混淆一下，看看到底是什么



对比一看原来是aes加密，并且使用得是cbc得模式，密钥我么都可以拿到了，接下来直接使用pytho得AES 解密方法直接解密就可以了，安装pycryptodomex模块，好了至此完成一波，逆向破解

```
import requests
import base64
from Crypto.Cipher import AES
import re
```

```
def get_encry_mp4(bvid):
    headers = {

        'User-Agent': 'Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_3) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/80.0.3987.116 Safari/537.36',

    }
    # bvid = "BV1qJ411c7pA"
    interface_ini = f"[https://www.bilibili.com/video/](https://www.bilibili.com/video/){bvid}"
    url = "[https://xbeibeix.com/api/bilibili/](https://xbeibeix.com/api/bilibili/)"
    data = {
        "bilibiliurl11081": interface_ini,
        "zengqiang": "true"
    }

    result = requests.post(url, data=data, verify=False, headers=headers)
```

```
try:
    encry_mp4_url = re.search('var hahaha = (.?);', result.text).group(1)
    return encry_mp4_url
except Exception as e:
    print(e)

# 密钥 (key) , 密斯偏移量 (vi) CBC模式加密
def AES_Decrypt(data):
    key = 'beibeidouyu12345'
    vi = 'beibei1234567890'
    data = data.encode('utf8')
    encodebytes = base64.decodebytes(data)
    # 将加密数据转换为bytes类型数据
    cipher = AES.new(key.encode('utf8'), AES.MODE_CBC, vi.encode('utf8'))
    text_decrypted = cipher.decrypt(encodebytes)
    text_decrypted = text_decrypted.rstrip(b'\0')
    # 去补位
    text_decrypted = text_decrypted.decode('utf8')
    return text_decrypted

if __name__ == '__main__':
    vid = 'BV16i4y1L7mw'
    encry_mp4_url = get_encry_mp4(vid)
    encry_mp4_url = mp4_decrypted = AES_Decrypt(encry_mp4_url).strip("\x0f")
    print(repr(mp4_decrypted))
```