

# Rogue Transmission

WriteUp by KxnZ

Challenge

1 Solve



# Rogue Transmission

## 500

baby

PETIR REGEN 2025

👍 0 👎 0

For years, the world has whispered about **ChronoCorp**, a shadowy conglomerate that controls **time-sensitive financial trades, classified research, and digital assets worth billions**. Their most valuable secrets are stored inside a vault so secure that **no thief, hacker, or nation-state has ever come close to breaching it**.

They call it **The Black Vault**—a **fortress of encryption**, built with state-of-the-art security protocols designed to withstand **brute force, quantum computing, and even time itself**.

last night, your team intercepted a **secret transmission** between a **rogue ChronoCorp employee** and a data broker. Who knows that this might be the key to breaching **The Black Vault**.

This is it. The **Grand Crypto Heist** begins now.

Author: chronopad

📄 intercepte...

📄 employee-...

Flag

Submit

After we look at the clues lets download the given files

Intercepted Communication Log  
From: Orion-X762 (Rogue Employee)  
To: ZeroTrace47 (Dark Web Data Broker)  
Timestamp: 03:17 AM UTC

Message Start

SH1tdWUtWdC2MjoKViBndnLigJ1iIHp0b2wgcWF0aCBnbHRpLiBLeMtodXNJZnJjIGx6IGxxdmJnbIB3dWR1Z2twcm8gdGJ64oCUenNzdnR1bHVrIG1ueGcgYwXrenIgcMfsZ2NsYm9sdyBnaWVh4oCZdyB6eXhoaGxsaCB6ZiBrYXJkIGVqZ25tLgoKR214Z1R1ZGppNDc6Ck9nIGhnLiBjeXogcG9oIG51c2UgbGF4IH15cnZz4oCUdnFtcyB0YWR4IGFsb2ogaWZx4oCZYsBqend4LgoKSH1tdWUtWdC2MjoKViBndnLigJ1iIGZ4eGsgcXV1ZWwuIEwgdW1tdiB4cWF2Z3R0dnJ1LiB1bWwZnggdnl6IGZmIGdrchcgXdsbCwgaHJqIFrigJ1seSBqcHptIHFobiB6c3N2dHVsdWsgdmcgGdsIGlyamUgdWR6LgoKR61qaE15ZW12NDc6CkRyc2xybGsgaGcgYwXrIG1heXhsLiBBcHNtIHR5aSBjd1B0bm9ybXZ5IHR1dn16PwoKRnJ2cnUtQjc2MjoKSWYgeHFhaXh1YXkgeW5dGwuIEh5bS1reHpkLiBBciB2am5hdmJocCB4dmNidWt3LiBReCBsaHRpdWV1IGpoeWkgYmfigKYgenRwciBndGNydnosIHHwd3IgCHZ5cnVu4oCZyBtYndiIH14bSBrcXpy4oCUdHVoZuKAmWgg3dtIGx2cWtraHxZbiBHCgpoZ3ZhdW1wIHBkdeKAmXggaXh5aHloIHpmIGxidmWuCGpEbWpOTX11aXY0NzoKU2J4dWhhIGRiZGwgZSbscm11YmF1dHcuIFBhbHx4oCZaib5Ynh5IHR6Z2h5PwoKVnZvZm4tSzc2MjoKTCBuc2IgYWdtdiB1IG1jYWZ2cGpxd3cgd2h4Z3NhZmggc2VhbCBnYm5se14gS2hyIGHleG1qZ3RzIHpnbgXnIGx6IHZtc2UuIFZvdnV1b1ByeXQga3N1ZxogbXogR3JibWxnYiBhdWxwaG9ybi4Kck1oeXNCanR2bDQ3OgpQdXRhZ2x2cj8K1dqYmh1LUI3NjI6Ck8gdGFh4oCZdyB6ZWcgYW0gaGJ4eHpdXcuIEFsbXEGZmh1bXpmciByeWx2Z2xhYnVrLiB1bHQgVuKAmX1sIHBteG0gbW9pIG1mb2VncHJpbHhsIG9tanV1YeKAlGh1Z3pxaW1saCwga2VjYmVsaCwgam1rYmXoIG91IHB5ZHB5IGFhemFhLiBDbWZigJ1seSBxbG1sIGxoIHVsIHDzcnJnIHd2IGpxZncgYmEuCGpEa21vR3VoZ200NzoKWGJnbC4gRmFriHlieCBpaWJseGsgb3N2diB5Ynh5IG12eGhrdGV6em9hIGx6IHd3ZGJ3LiB1aWlydWZoIHBqIGJ6YmWgcHcgZyBrcm5zLzCBmc2PigJlqeCBndnggen11IGJxc2Mgd2Z4IHBvc+KAmXJjIG5yaGsgZXYgd3FteWVp a21ic5K4C1Z2cWdnLVE3NjI6CkF2YwP0IHpoLiBQaibnZ24gemx4IG91LzCBdXV2cndVaGt3IGF1ZekAmXQgcnlsCiBzZmhwIGFsa3DigJ12ciB1bG12IGpodW1pauKAlGxuZ2xzIG1i4oCZayBtaHYgcGdrZS4gTHJi3B0IG90Z2EgeG56czogQ0hBTvp7M254S2ZYbjf1R19mVzR5eEFfbzFtQV9jMwtrZWV1M30

Message End

Intercepted-enc.txt

Here we got an Intercepted communication log from the “rogue employee” to the “Dark Web Data Broker”. The message seems to be encrypted, let's look at the other file, maybe we'll find another clue there



Employee-profile-picture.jpg

IDK who he is so Im gonna google it



There, so we found out that it's the Vignere Cipher. Lets try to decode our message

Recipe

Vigenère Decode

Key

Vigenère Encode

Key  
hfdt

From Base64

Alphabet  
A-Za-z0-9+/=

☒ Remove non-alphabet chars
 ☐ Strict mode

Input

SHltdWUtWdC2MjokViBndnLigJ1iIH0b2wgCWF0aCBnbHRpLiBLeMtodXNjZnJjIGx6IGxxdmJnb1B3d  
WRLZ2twcm8gdGJ64oCUenNzdnR1bHVRIG1ueGcgYwXrenIgcMFsZ2NsYm9sdyBnaVh4oCZdyB6eXhoaG  
xsaCB6Zi8rYXJkIGVqZ25tLgokR2l4ZlRlZGppNDc6Ck9nIGhnLiBjeXogcG9oIG5lc2UgbGF4IH15cnZ  
z4oCudnFtcyB0YWR4IGFsb2ogawZx4oCZYSBqend4LgokSHltdWUtWdC2MjokViBndnLigJ1iIGZ4eGsg  
cXVlZWwuIEWgdWltdiB4cWFZ23R0dnJ1LiB1bWwgZnggdnl6IGZmIGdrCHgdXdsbCwgaHJqIFrigJlse  
SBqCHptIHFobiB6c3N2dHVsdWsgdmcgaGdsIGlyamUgdWR6LgokRG1qaE15ZWl2NDc6CkRyc2xybGsgaG  
cgYwXrIG1eXhsLiB8CHntIHR5aSBjdiB0bm9ybXZSIHR1dn16PwokRnJ2cnUtQjc2MjokSWYgeHFhaXh  
lyXkgewh5dGwuIEh5bS1reHpKLiB8ciB2am5hdmJocCB4dmNidwt3LiBReCBsaHRpdwVlIGpoewkgYmfi  
gKYgenRwciBndGMydnosIHhwd3IgcHZ5cnVu4oCZzyBtyndiIH14b5BrZXpy4oCudHvoZuKAmWggb3dtI  
Gx2cWtraH2xbiB8cGpoZ3ZhdWlWlHBkdeKAmXggaXh5aHloIHpmIGxidmwuCGpEbWpOTX1laXY0NzokU2  
J4dWwhIGRiZGwgZS8scml1YmFldHcuIFBhbH4r4oCZaiB5Ynh5IHR6Z2h5PwokVnZvZm4tSzc2MjokTCB  
uc2IgYwdtdiB1IGljYVZ2cGpxd3cgd2h4Z3NhZmggc2VhbCBnYm5se14g52hyIGHleG1qZ3RzIHpnB6Xn  
IGx6IH2tc2UuIFZydnVlb1BieXQga3NlZGogXogR3JibWxvYiBhdWxwag9yb14KCK1oeXNCAnR2BDQ3O  
gpQdXRhZ2x2cj8KCldqYmhlLUI3NjI6Ck8gdGFh4oCZdyB6ZwcgYw0gaGJ4ehpndxcuIEFsbXEGZmhlbX  
pmciB8yewx2Z2xhYnVrLiBibHQgVuKAmX1sIH8teG0gbW9pIGlmb2VncHJpbHhsIG9tanVlYekAlGH1Z3p  
xaw1saCwga2VjYm5saCwgam1rYm5oIG9lIH85ZHB5IGFhemFhLiBDbDwizGJlSeSBxgbGlsIGxoIHVsIHdz  
cnJnIHd2IGpxZncgYmEuCGpEa2lvR3VoZ200NzokWGNbc4gRmFrIHlieCBpawJseGsgb3N2diB5Ynh5I  
G12eghrdG6vem9hIGx6IHd3ZGJ3LiB3awlydWZoIH8qIGJ6YmWgcHcgZyBrcm5zLCBmc2PigJlqcCBndn  
ggenl1IGJxc2Mgd2Z4IH8vc+KAmXJjIG5yaGsgZXYgd3FteWVpa2l1c54KCL2Z2cWdnLVE3NjI6CkF2YwP  
0IHpoLiB0aibnZ24gemx4IG9lLCBDDXV2cndVaGt3IGF1ZeKAmXQgcnc1scibzZmhwIGFsa3DigJl2ciB1  
bG12IGpodwlpauKAlGxuZ2xzIG1i4oCZayB8aHYgcGdrZS4gTHJ1J3B0IG90Z2EgeG56czog0hBTVp7M  
254S2ZybJfLR19mVZR5eEFbzFtQV9jMwtrZWlM30

Output

Frvru-B762:  
If xqaxeay yhytl. Hym-kxzd. Ar vjnavbhp xvcbukw. Qx lhtiuee jhyi bg... ztpr  
gtcrvz, xpwv pyvrun'g mbwb yxm kezr-tuhf'h owm lvqkxhvqn Gpjhgvguip pdu'x  
ixyhyh zf lbvl.  
  
DmjhMyeiv47:  
Sbxuha dbdl e lriebaetw. Palvk'j ybxy tzghy?  
  
Vvofn-K762:  
L nsb agmv e icaFvpjqww whxgsafh seal gbnlz. Khr hexmjgts zgllg lz vmse.  
VovueoPryt kseez mz Grbm1gb Gulphorn.  
  
MhysBjtv147:  
Putaglv?  
  
Wjbhu-B762:  
O taa'w zeg am hbxxzguw. Almq fhumzfr rylvglabuk. Hlt v'yl pmxm moi ifoegprilxl  
omjuea-hugzqimlh, kecbglh, jmkblh oe pydpr aazaa. Cul'ly qlil lh ul wsrng wv  
jqfw ba.  
  
DkioGuhgm47:  
Xbgl. Fak ybx iiblxk osvv ybxy mvxhktezsoa lz wwdbw. Iiirufh pj bzbl pw g krns,  
fsc'jx gvz yze bqsc wfx pos'rc nrhk ev wqmyeikibq.  
  
Vvagg-Q762:  
Avajt zh. Pj ggn zlx oe, CuuvrwUhwk aue't rylr sfhp alpk'vr eliv jhuiij-Ingl  
mb'k mhw pgke. Lrb'pt otga xnzS: CHAMZ{3nxKfXn1eG\_fw4yx8\_o1mA\_c1kkee3}

STEP

BAKE!

Auto Bake

With CyberChef I was able to find that its encrypted in Base64. Lets try the Vigenere now

Recipe

Vigenère Decode

Key

TheGrandHeist

Vigenère Encode

Key

TheGreatestHeist

From Base64

Alphabet

A-Za-z0-9+/=

☒ Remove non-alphabet chars
☐ Strict mode

Input

Frvru-B762:  
If xqaixeay yhytl. Hym-kxzd. Ar vjnavbhp xvcbukw. Qx lhtiuee jhyi bgâ. ztpg  
gtcrvz, xpwr pvyrunâ.g mbwb yxm kezrâ.tuhfâ.h owm lvqkhhvqn Gpjhgvguip pduâ.  
x ixhyh zf lbvl.  
|  
DmjhMyeiv47:  
Sbxuha dbdl e lriebaetw. Palvkâ.j ybxy tzghy?  
  
Vvofn-K762:  
L nsb agmv e icafrvpjqww whxgsafh seal gbnlz. Khr hexmjgts zgllg lz vmse.  
VovueoPryt kseez mz GrbmIgb Gulphorn.  
  
MhysBjtv147:  
Putaglvr?  
  
Wjbhu-B762:  
O taaâ.w zeg am hbxxzguw. Almq fhumzfr rylvglabuk. Hlt Vâ.yl pmxm moi  
ifoeqprilxl omjueaâ.hugzqimlh, kecbglh, jmkblh oe pydpr aazaa. Culâ.ly qlil  
lh ul wsrng ww jqfw ba.  
  
DkioGuhgm47:  
Xbgl. Fak ybx iiblxk osvv ybxy mvxhktezsoa lz wwdbw. Iiirufh pj bzbl pw g knrs,  
fscâ.jx gvz zye bqsc wfx posâ.rc nrhk ev wqmyeikibq.  
  
Vvqgg-Q762:  
Avajt zh. Pj ggn zlx oe, Cuuvrwuhkw aueâ.t rylr sfhp alkpâ.vr eliv jhuiijâ.  
lngls mbâ.k mhv pgke. Lrb'pt otga xnz: CHAMZ{3nxkFXn1eG\_fw4yxA\_o1mA\_c1kkee3}

Output

Orion-X762:  
An external vault. Off-grid. No official records. If someone were to gain  
access, they wouldn't just get data—they'd get something ChronoCorp can't  
afford to lose.  
  
ZeroTrace47:  
Sounds like a fairytale. Where's your proof?  
  
Orion-X762:  
I got into a classified database last night. The external vault is real.  
ChronoCorp calls it Project Obsidian.  
  
ZeroTrace47:  
Location?  
  
Orion-X762:  
I can't say it outright. They monitor everything. But I've left the coordinates  
hidden—encrypted, encoded, buried in plain sight. You'll need to be smart to  
find it.  
  
ZeroTrace47:  
Fine. But you better hope your information is solid. Because if this is a trap,  
you're not the only one who'll need an extraction.  
  
Orion-X762:  
Trust me. If you get in, ChronoCorp won't even know they've been robbed—until  
it's too late. You'll want this: PETIR{3veRyTh1nG\_sT4rtS\_w1tH\_v1gener3}

STEP

BAKE!

Auto Bake

After countless trying the highlighted words, try to chop the words, and tried to assamble words, I finnaly got the flag

PETIR{3veRyTh1nG\_sT4rtS\_w1tH\_v1gener3}