

# ChessMaster Makes its Move: A Look into the Campaign's Cyberespionage Arsenal

## Appendix



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## Hashes Related to ChessMaster (SHA-256):

SHA-256	Detection
ae6b45a92384f6e43672e617c53a44225e29 44d66c1ffb074694526386074145	BKDR_CHCHES.NAK
2c71eb5c781daa43047fa6e3d85d51a061aa 1dfa41feb338e0d4139a6dfd6910	BKDR_CHCHES.NAM
e7c617e162c2ae173c3581b4e08d752dc421 336e1e55d879642717b75745d49c	BKDR_CHCHES.NAO
6605b27e95f5c3c8012e4a75d1861786fb749 b9a712a5f4871adbad81addb59e	BKDR_CHCHES.SM2
c885a4f5c066b00e9d4de8cc0f5463f27ce49 869519db8cfdc7a9ae19cdce4f0	BKDR_CHCHES.SM2
efa0b414a831cbf724d1c67808b7483dec22a 981ae670947793d114048f88057	BKDR_CHCHES.SM2
fadf362a52dcf884f0d41ce3df9eaa9bb30227 afda50c0e0657c096baff501f0	BKDR_CHCHES.SM2
4ff6a97d06e2e843755be8697f3324be36e1e beb280bb45724962ce4b6710297	BKDR_CHCHES.SMZJEA-A
75ef6ea0265d2629c920a6a1c0d1dd91d3c0 eda86445c7d67ebb9b30e35a2a9f	BKDR_CHCHES.SMZJEA-A
590d5e0858893951e22e392a7dad76b30765 c8fd139ca288efeed9b86836237	BKDR_CHCHES.SMZKDJ-B
2965c1b6ab9d1601752cb4aa26d64a444b0a 535b1a190a70d5ce935be3f91699	BKDR_CHCHES.SMZKDJ-C
4521a74337a8b454f9b80c7d9e57b4c95805 67f84e513d9a3ce763275c55e691	BKDR_CHCHES.SMZKDJ-C
c21eaadf9ffc62ca4673e27e06c16447f103c0 cf7acd8db6ac5c8bd17805e39d	BKDR_CHCHES.SMZKDJ-C
cb0c8681a407a76f8c0fd2512197aafad8120 aa62e5c871c29d1fd2a102bc628	BKDR_CHCHES.SMZKDJ-C
d26dae0d8e5c23ec35e8b9cf126cded45b80 96fc07560ad1c06585357921eed	BKDR_CHCHES.SMZKDJ-C
e6ecb146f469d243945ad8a5451ba1129c5b 190f7d50c64580dbad4b8246f88e	BKDR_CHCHES.SMZKDJ-C
94813a9097833ca793a02a33d06cf78ff2555 8e516527aa8cfde7b7f62cdc9d9	BKDR_CHCHES.SMZLEC-A
ae30e854a2fb49da770666df78db3983cd3a8 3774a0fe19d0f98a9ca450d1bd3	BKDR_CHCHES.SMZLEC-A
2933bd208993fb7ec76ae3f55d2e7959c0a79 d89f134430c6a798e82ebd94636	BKDR_CHCHES.YO
316e89d866d5c710530c2103f183d86c31e9 a90d55e2ebc2dda94f112f3bdb6d	BKDR_CHCHES.ZJDK-A
e90064884190b14a6621c18d1f9719a37b9e 5f98506e28ff0636438e3282098b	BKDR_CHCHES.ZJDK-A

SHA-256	Detection
72d7bcc54520a7d8929eec78e2b2297a9094fa001483f86cddb7cf1b81704ff	BKDR_CHCHES.ZJEH
e88f5bf4be37e0dc90ba1a06a2d47faaeea9047fec07c17c2a76f9f7ab98acf0	BKDR_CHCHES.ZLDK-B
759e405351e6de779757695cc6fb1bce3cc6e3bb3ee4d24778d0cb2070091681	BKDR_PLUGX.BHS
2ddcb1dc466e22388485118bcf3089014348881c4d315aca452c6bb44b6c7bee	BKDR_PLUGX.JKK
f6ba0007038805fdc9e92ccbfed5f4cc681723bb548cc83a4b34f754f3356974	BKDR_PLUGX.ZKEG-A
1ac2134ef1ca208b3d236b387a8d3256ce6fc cc0419947b77a9b671b6eba52bf	BKDR_REDFLOWER.ZBEE-A
c082d5bc76eb8375a90b622474da760bd499ae8371c16cc31085be2940b0bafb	BKDR_REDFLOWER.ZBEE-A
f9f2b38e11402b56fe05127bf0e688d74bb6e 55834b93b7a0f6c61174670177a	BKDR_TINYX.ZKEG
5961861d2b9f50d05055814e6bfd1c6291b3 0719f8a4d02d4cf80c2e87753fa1	TROJ_BLOCKER.ASK
9a6692690c03ec33c758cb5648be1ed886ff0 39e6b72f1c43b23fdb9c342ce8c	TROJ_FAKEMS.USPO
58a7670111087243516b601c5f070f7de0db5 411febe0a878783fdc17c969a59	TROJ_INJECTR.ZJDK-A
b20ce00a6864225f05de6407fac80ddb83cd0 aec00ada438c1e354cdd0d7d5df	TROJ_INJECTR.ZJDK-C
f251485a62e104dfd8629dc4d2dfd572ebd0a b554602d682a28682876a47e773	TROJ_INJECTR.ZJDK-D
19aa5019f3c00211182b2a80dd9675721dac 7cfb31d174436d3b8ec9f97d898b	TROJ_INJECTR.ZKDJ-A
5c6c2370090d68d2d3120cec62984767ae0f c93766939d159a2f4c482f58ae5b	TROJ_INJECTR.ZKDJ-B
312dc69dd6ea16842d6e58cd7fd98ba4d28e efeb4fd4c4d198fac4eee76f93c3	TROJ_INJECTR.ZKDJ-C
bc2f07066c624663b0a6f71cb965009d4d9b 480213de51809cdc454ca55f1a91	TROJ_INJECTR.ZLDK-A
fd6a956a7708708cdff78c8505c7db73d7c4 e961da8a3c00cc5a51171a92b7b	TROJ_PASTEAL.JV
73794263b657632805c8c3907e2f20a9743d 8c9b83aa3e21629ecc5de02b1ca	TROJ_PASTEAL.JV
45d804f35266b26bf63e3d616715fc593931e 33aa07feba5ad6875609692efa2	TROJ_PLUGX.DUKPT

## Command and Control (C&C) Servers Related to ChessMaster:

Domains
area[.]wthelpdesk[.]com
dick[.]ccfchrist[.]com
fiveavmersi[.]websegoo[.]net
fukuoka[.]cloud-maste[.]com
kawasaki[.]cloud-maste[.]com
kawasaki[.]junhamj[.]com
messagea[.]emailfound[.]info
sakai[.]junhamj[.]com
scorpion[.]poulsenv[.]com
shrimp[.]bdoncloud[.]com
trout[.]belowto[.]com
whale[.]toshste[.]com
zebra[.]wthelpdesk[.]com



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