MD5	AV-Class	Anti-VM	Anti-Debug
000318cf52807b454c44b93c4f28a080	sality	Yes	Yes
00046090d6a05739c07f9801bded95f0	sality	Yes	Yes
0006f17ca5fa88cb9e2591cad7938390	wapomi		Yes
001184ac029f54e21897bda45f565a60	flystudio		
005e88fd39e27b49e7e5ec0ad4166e82	spigot		Yes
005e8fdde67509bddfc6595cf5692790	flystudio		
005fb97ab09c129d10640c6ee80aa53f	recam		
005fb97ab09c129d10640c6ee80aa53f	recam		
00668f0deb99a2637b16440276129960	begseabug		
0072e39940a6fd49ca91de05c8ad34b0	pcclient		
0072e39940a6fd49ca91de05c8ad34b0	pcclient		
00739b20c0e2a5a08dcbb6857b723250	sality		
0077ed2c3f4cc7f11798c386b9e29eff	sality		Yes
008c10b943b651686c35c4225a2b51a0	sality		
009b6ced53a95010b944306cbd3e5a86	sality	Yes	
00aaa3ecf5e137c6cbc511a3d2e45306	sality	Yes	
00ce01f21dcfa9ca14287d673970d240	viking	Yes	
00f2a78eb8fbf78b91cad503e96b2dc0	multiplug		
0100d30fcc2aed5b1a999f3cf77e32e0	sality	Yes	
012121b8da03706bc2ea14adc22bc720	mydoom		
0156b5f626003c5b77c888e1e0a27420	darkkomet		
0156b5f626003c5b77c888e1e0a27420	darkkomet		
01794fa2df14fa008547c75928793b20	virlock		
0186ae22a9199841ea975f9dd29ecb90	ngrbot		
01ff297a1c0e983f9ab19d58494ca470	onlinegames		
0202ae73c7f35449863c01f8e92c8dd0	darkkomet		
0202ae73c7f35449863c01f8e92c8dd0	darkkomet		
020c261a89d0416b06c80d9db5153270	zbot	Yes	
022fd14d015b40fb0969866cc9fae140	ramnit		
0235a44837ad672b5db23a735ed12c30	virlock	Yes	
024c94a4f1c25fb8bf6ee03e5da55fc0	bettersurf		
0253623db0e6a708a6618775901f9140	autoit		Yes
02876da9ef67215bd0fb7a725a59a0e0	gamarue		
02b253a392b31ae6048c3b6dacba73c0	SINGLETON		
02b253a392b31ae6048c3b6dacba73c0	SINGLETON		
02c4ccda548605dd09b6d68992680060	berbew		
02deb2ce40efb2115ab84f3aed22f4a0	installerex	Yes	
032dbd148ad77c5a794bef7db555ca64	agen	Yes	Yes
033d51e3ee0e1810e556a04c590f8340	sality		

0358f71d35825c66f1b6c7ec29dea270	sality		
03a06a5277dab214a242745df23758e0	installerex	Yes	
03fe70b82ad65d88ab423a514f7659b0	autoit		
04329b18f35b248faa5aca0d48f69e10	wabot		
0465c61241591526f615b73dfc37ed20	begseabug		
04afae481a7ad877fd4d93380ae51620	dorkbot		
054b6624517c18930e9192a03e3271d0	neojit		
056d7672fa55f76b28cbdfc7cdc1e930	autoit		
05e996b9a36fe09abdb4a6290d480853	locky	Yes	
060980db74f80e02f0838cc1ec5b09a0	jyfi		
0612c8c7b0bdca959bc5ea3cce069f30	ramnit		
0655950ee55abafe31f22dfbc1141380	autoit		
0670425ca8341447ab10c8716536e0e0	luder	Yes	
0675dcc64e5ce368c01f26a2d380bd80	lamer		
068f2862087cc2628321e2be8da1f9c0	dorkbot	Yes	
068f2862087cc2628321e2be8da1f9c0	dorkbot	Yes	
068f2862087cc2628321e2be8da1f9c0	dorkbot	Yes	
06e403898d1f42aed42c42b89721fd90	SINGLETON		
0732098fdd454ccc301b8548b2b5cc40	sality		
0736144a4a61f61c556b8ab1bb6178c0	swisyn		
0758883524aaddf0b2f67ba1acda0710	virlock		
07ee6b9d444909b6b586b03696757530	yuner		
07f8c24da24d90a3460631be5abdac80	zzinfor		Yes
07f8c24da24d90a3460631be5abdac80	zzinfor		Yes
0851e69c7497775fd71d80902f891580	yuner		
085d21a9bd4e4f4c6c7f0eb899ba7150	begseabug		
0864575aea1aa07f8646266a21295980	hupigon		
08b7bc99a49d6a3df5db9ce3b9a337a0	sality	Yes	
093e0170a554d44ec759386f698bede0	viking		
0942c8d00f8f64c9da4af4f14ad6c100	gamarue		Yes
0942c8d00f8f64c9da4af4f14ad6c100	gamarue		Yes
095e976d40aa2ce56db094a2f6b73d90	autoit		
0992dc6c1badef44fa9463d8ce3965a6	SINGLETON		Yes
09ab05856c2bb356cf928a534101c160	mydoom		
09babefa095476738dac70ece2e86400	sality	Yes	
0a3a955755dd4e3151c7a211f670ab36	zlob		
0a7d33c909b5d8718b905e28a3a4f720	sality		
0a873346e86a5169c23ec4428ca6a160	zegost	Yes	
0a873346e86a5169c23ec4428ca6a160	zegost	Yes	
0aa7c068b4c55ee32d7aab7216fa3090	zusy		

0aae0450f5d18491c59b30d1278d0e30	jyfi		
0ab1bb515575820bfd3e224a864c5ca0	sality		
0b2b14a9e808ca1f51336b8259ea56b0	dorkbot	Yes	
0b36ea20902c8cf1c978e9086849cb84	renos	Yes	Yes
0b36ea20902c8cf1c978e9086849cb84	renos	Yes	Yes
0b44506f14e93f3d2625cffd802e3990	virlock		
0b450ac686d6fccc2288acabbaba2b20	multiplug		
0b6869da1bfe12434b450b94abfa1fdb	sality	Yes	
0b7305eecc2c95c2c64327ca52ba36a1	dorkbot	Yes	
0b7674ed360ebbde28c17e68ecc6beb0	sality	Yes	
0b989de2abfa3d64bb2c70c04ffb50e6	dorkbot	Yes	
0ba87b1741f6ea1ba2a7519af397ad00	gamarue		
0bce6f19fb17bc95883eaf01ed629f90	wabot		
0c3172f191808431f513a0c5bda1b0b0	virlock	Yes	
0c6631876b742c0edfe254c5eca280d0	SINGLETON		
0c6631876b742c0edfe254c5eca280d0	SINGLETON		
0c93484d3324820448a9f553bd540c90	sality	Yes	
0c948d578d5f2be3f442cbf45cb15cc0	ircbot		
0ce0328cf670dc8d291d36fc68d43400	virlock	Yes	
0ce29b95e15c98126e3532a479d58220	multiplug		
0d47d96bc44bc68d2ff2d2b0548212d0	ramnit		
0d5903c5f658b9a4e08b6ace41d23510	delf		
0d659de2643cc4adf422a59881072f20	SINGLETON		
0d879dc96b2062a9115b8d20750cf1e0	multiplug		
0df45d1638609ecafba19ad647ece2a0	bublik		
0e1d78c1c8f03a7b25f4bb182a879680	berbew		
0e69985ec0a6287980f854fb1ae65ed0	farfli		
0e7b32d23fbd6d62a593c234bafa2311	SINGLETON		Yes
0ee4c152a92a68c1c5d63a2ab562c5f0	vonteera		
0ee4c152a92a68c1c5d63a2ab562c5f0	vonteera		
0efec20fbd4151f87dd912cb51218ea0	mydoom		
0f459a9c48ed2fc967cda16f7284ecb0	gamarue		
0f532c1203e8808c4daff7d17b658fc0	softpulse		
0f795ff9fa465c2435b81b6b613fb320	berbew		
0f79cb32bc53117cdfdf437892181900	sality		
0f79cb32bc53117cdfdf437892181900	sality		
0f90752c47cfc44b584c0c0159463110	gamarue		
0f9a2912307e14f383c16b39affdb950	onlinegames		Yes
0fa16c74be0a03533acb9f63452b5e00	ircbot		
0fbc0b6d9c2f43f42d68a5e876178810	multiplug		

0fdad1467b9aabac0200790347145af0	zbot	Yes	
0fdad1467b9aabac0200790347145af0	zbot	Yes	
103da25eb80ac7e3667c22f0f65778c0	gamarue		
10bb4bf91b98a7aabbb0aa0c07922a30	autoit		
10bcfa008825e878a3e74e1975c89260	zbot	Yes	
10bcfa008825e878a3e74e1975c89260	zbot	Yes	
10bcfa008825e878a3e74e1975c89260	zbot	Yes	
10e37c88348738235b98a994a8247240	agentb		
10f30fb75d85661c6c4606e6840a1390	SINGLETON	Yes	
10f30fb75d85661c6c4606e6840a1390	SINGLETON	Yes	
10f30fb75d85661c6c4606e6840a1390	SINGLETON	Yes	
11062282cd098368233eeff2f900b860	autoit		
111d664afb4edd72599ea0bdcb8a9390	ramnit		
113bec105faf0c42d4134a40006deea0	jottix		
1144eeaebb15044fa64f4d9bb5670349	SINGLETON		
11b8617b8599fc58c18a47ba59b79980	ircbot		
11dc4c02d1217da78f3242f4bfcd58e0	teslacrypt	Yes	
11de201bbe6addfb8c65de5b5e070b50	autoit		
12038a69d139a93491b5d0af072ecab0	multiplug		
12217c48ced2a47f769c507d86d32350	virlock	Yes	
126bb30f6a21204c02c2119c13871180	virlock		
127733efe7a3b4f678bef47359507a10	gamarue		
13014e83151f5d205d7b8d02338d424d	eorezo	Yes	
132baff2052ad392ee4a2cd07edf16d0	gamarue		
1393ca1435d9db34e727f7a2bdaaf430	sillydc		
1398d096eead38e5932ccbd6fe7804a0	hupigon		Yes
13cf93aa4db5f4a1704a16722d29da60	virlock		
14eba698c1dedfee512156111ec6ba3b	locky	Yes	Yes
14eba698c1dedfee512156111ec6ba3b	locky	Yes	Yes
1508fa4f9bb2c5f9b6ba28adb4d7fa10	zegost		
151a09eee93a26c593ede1a540edce10	zbot		
15536dc3c8575622e497775f98db7640	virlock		
155fca23634510b6949f8bf4727be700	dorkbot	Yes	
155fca23634510b6949f8bf4727be700	dorkbot	Yes	
1576b970aea5ea8f21884895f8a26c60	ngrbot		
15810f3fe5bf85a988f273f38cc4e8e0	onlinegames		Yes
158272d31df2abc6ed89f610ee5fce80	onlinegames		
15d8d04cdd825bcc25c7602147b27490	berbew		
165c935661372acd437ed656730faaa0	zbot	Yes	
165c935661372acd437ed656730faaa0	zbot	Yes	

169d93f44a944afa6e7cdb1fc3da2570	begseabug	Yes	
16e077db625718a7c38477e95715c270	dorkbot	Yes	
16e077db625718a7c38477e95715c270	dorkbot	Yes	
16f678a84ce3f5543206cc5e282dc040	zusy		
16f7d991fce5de0b660606d5539c4c50	yuner		
171df8f75c7abf8622592d525bb8cb40	floder		
1736cdf48409734896508d57743a5230	sality	Yes	Yes
1736cdf48409734896508d57743a5230	sality	Yes	Yes
174cd7be14c3879348c66379512729d0	ramnit		
17508d9002630b87260b87d3c100d400	flystudio		
17be9945e9ec6d92a4e39e6e88945680	sality		
17d43459d2d0e4a452fbb6ca745b5b70	ramnit		
17df6d004e62ea102cf44e486cdb88a0	darkkomet		
180c888a628c1338848a167f19562b5f	mucc		
18201cb1def0f467caf3da6bdb48b870	hupigon		
183915e91cf29b327001186828ca5820	malex		
187e819c0185bf933521aaa756cfd2e0	zbot	Yes	
187e819c0185bf933521aaa756cfd2e0	zbot	Yes	
18aca26716993e9c13b36630d0c93220	sality		
18fefde5fbb9c1502e3511b186b9adf0	virlock	Yes	
190003ceb979423b7ee20c0aebbfa790	multiplug		
198365031504db65b507f2dadb917360	autoit		
198f9025d2b3a8ad7e8238fecab5d520	sality		
19a8759d0c5be5676283928610f1c3e0	dorkbot	Yes	
19a8759d0c5be5676283928610f1c3e0	dorkbot	Yes	
19bd53410147e80f22423fe317d78170	zbot	Yes	
19bd53410147e80f22423fe317d78170	zbot	Yes	
19cd10627207bcf7f7c41ee26cbdd174	adwind		
19ce28a9893837d979bccfaf00fbca30	sality		
1a31a8136fd8e303e80f13a2b9637af0	darkkomet		
1a5892cca071e54a288e8939c3373170	sality		
1a64fa4e7b7b9afc6760dc33b4f1f700	SINGLETON		
1a6614b7b0a8aa5f3e603891ac3ae2e0	gamarue		
1ac2cab8d50ff1aac29ac7acdc5a5740	begseabug		
1b3e2ebf01416b7aa60cf08f0295d260	darkkomet		
1b40cf4c3a587a28e8362a86ec148236	dorkbot	Yes	
1b4763ae3e51fc456ef5bf20304843a0	sality		
1b5e2025575fc25a4c53257e2bcb7810	gamarue	Yes	
1b5e2025575fc25a4c53257e2bcb7810	gamarue	Yes	
1b6493bc28af15b32cd9e81b25696d30	sality		

1b9714114ff735277c8981c84d4f2393	sagent		Yes
1bd51c66e95ec722fae4c26b2e81e850	zbot		
1c077bb7b78e6460ebc67c606ec77b80	ramnit		
1c234c7a5478c64e0815273a283c4de0	floder		
1c3845af3ebc25489819e83458cb6af0	vobfus		
1c6a0eb9ea71c1b1921e08bc7cb0e630	virlock	Yes	
1ca8637b641857bc05badd6eeb033df0	autoit		
1cc40025e1b271095d99bd9e1b85ab20	virlock	Yes	
1ce01ec960e893cb746a541169d2b7a3	dexter		Yes
1d20bccf031fbd317639b279332609e0	onlinegames		Yes
1d6db42e340d36c164909d41179d4380	jottix		
1db424d27bf47b9393d9baab6bf3a0f0	gamarue		
1dbbe651b8927ae87ace919635e0a9d0	lamer		
1dd660e79ebb52e36b4ea848f93bb0e0	zegost		
1e2128068a9eb2b41437a6d7cec385b0	swizzor		
1e3b7937e2761055d00b894ac58ec060	emold		
1e5a71c158d5731872b1098d3101f950	gamarue		
1e5e54e48cc389cd1df6a056397f1c60	mydoom		
1e663fe6ad5d867831428108ac441c99	darkkomet		
1ebf28e5a1b856318a3bc81d1e60b500	berbew		
1ec8ebf5f17da40ae684315f858a3500	multiplug		
1f12d18a2e0c34bf88cebf223e7b9f00	darkkomet		
1f29672008d04dea66dc663e37d76f50	somoto		
1f427958e09f03b6c2a5dd5b39002e60	ramnit	Yes	
1f709d5c4b239140cee72e822915d0f0	virlock		
1fa4b1fe5bbd6ab4314e6c7c944d18a0	ramnit		
1faf05147b387267e5631482cffc04c1	zbot	Yes	
1fb6b2e9728c81154c23a131cbc386a0	ursnif	Yes	
1fb6b2e9728c81154c23a131cbc386a0	ursnif	Yes	
1fc76171ac7ce6d60bd3cc421774c820	virlock	Yes	
202d8b572f0ea4d00662f8c1221ddf90	autoit		
202d8b572f0ea4d00662f8c1221ddf90	autoit		
203c05dd06004e6a14f3a457065c9f50	ramnit	Yes	Yes
203c05dd06004e6a14f3a457065c9f50	ramnit	Yes	Yes
20d617a58bf247f91d28bdc23004ea30	rbot		
20ff4c85a4eac7f904f1a227cd9d6e20	sality		
2137f38c32a0ae302f468392a8579540	darkkomet		
2137f38c32a0ae302f468392a8579540	darkkomet		
213e5f29a5011187d18a41be38897230	darkkomet		
214b5060efbc807066164735edd6a100	ponmocup	Yes	

219982f760e0a688a4605ed3cdbed260	begseabug		
21a16646e76adda455f43505f71613c0	zegost	Yes	
21a16646e76adda455f43505f71613c0	zegost	Yes	
21ba0cece8b83055a6f8c7f67322e250	sality		
224997ab90afe3d3148e81dd783d1920	darkkomet		
225df5592b2c4c20585f848515ba5550	qhost		Yes
22c79223cab449a0b44f64130119314b	SINGLETON		
22d1617fd34e8a994b352be88c4b6553	fareit	Yes	
22efb327d6555deaf21f30ed5fbbff90	begseabug	Yes	
22efb327d6555deaf21f30ed5fbbff90	begseabug	Yes	
2303816d639e999e5f076cd080eb03d0	darkkomet		
2303816d639e999e5f076cd080eb03d0	darkkomet		
2315706ad8de1e801ae40ec7425315a0	sality		
234bdf5f02b43af8d19d2183c7b65b40	neojit		
235468fde428dadc99a11ea21ef32d5a	reveton		
235df930d25fe0aff90fac878da54270	installerex	Yes	
2371e2e627c6a1b66ca07c2c1605c230	rodecap		
239348009945ad66490b53665c8f1820	gamarue		
23b387a1cc19cff02096ce01c9d1caa0	bettersurf		
23f47603d538d05bf388ace327e92800	zbot		
248aa71dfe8175b0c2910a28ac4e99d0	sality		
24d15105f825b9d186ffd3e4eae5a770	begseabug		
250ba8bc7516852791df2e346c9e7040	virlock		
250ba8bc7516852791df2e346c9e7040	virlock		
2511c9043e62d6026a6db0b9acef0f00	pophot		
252b988ee0c1e6ce6d9156a69491f6e0	cycbot		
25350d8973f6078f8fa2cf4919521e20	virlock		
257c546139ebb6c056e50169229c5482	dorkbot	Yes	
25b068cac32074510b4c3570f98cf405	browsefox		
271259be6aedb3c3319994d254e50d20	bettersurf		
274ca1ae1253c9075e2dc48e6c534d70	darkkomet		
274ca1ae1253c9075e2dc48e6c534d70	darkkomet		
2790910b716c116879386d7d3784a8a5	locky		
28215ec6029394161681e40c84d49cb0	ramnit	Yes	
28228135f1d4690a192114285b69fbf6	fareit	Yes	Yes
2845d59896de45cc6e77cc39db4b0710	zbot		
284c8425661ce4f77b548c6dbd3f4460	rebhip		
2851a57a04bdf25311045a2f77268590	gaxabu		
28c46ef65de888d5d9b2d9f19c4f1590	zbot		
28c58f4b1728b90a47d491afe0bb6530	sality		

28f7b52dc9d4080e54784672f2a8c450	ramnit		
2901706a20c4c560d7408af81beec9d0	begseabug	Yes	
294a81e5c63c585a46fa42ce9c5fbb80	prosti		
29d4a1b2e436d55264a39fd7ec28f7cb	eorezo	Yes	
2a2718a7e7a4039d5832be2dc7f4d8e0	vundo	Yes	
2a3f666d8595aacc4a226e6c57f01400	virlock		
2a3f666d8595aacc4a226e6c57f01400	virlock		
2a435f05fe720c9d66a61155c65d3080	ramnit		
2a8e1db8dfde580ed1db221ab52dbec0	virlock	Yes	
2a981fe7f2e4711ae0651d8b3768dc60	darkkomet		
2b1b25ae7eab4a160acdb047b53878f0	dorkbot		
2b1b6e5e974d09b36efd416479612710	darkkomet		
2be89fa32d9ad5e355aaab0ace365ef0	gamarue	Yes	
2be89fa32d9ad5e355aaab0ace365ef0	gamarue	Yes	
2be89fa32d9ad5e355aaab0ace365ef0	gamarue	Yes	
2c72d216c6d868ba85ffc48f87ed35a0	ramnit		
2c79178021172a4fb6ee65ba973a6640	ramnit		
2cdddf024e647be0cdac7cd106bb0dc0	kolab		
2cde787f665707ac67e70c02da64d740	bettersurf		
2cf0574952fb6c630670cd8f3474fe90	gamarue		
2cff967cd4e389b6a3638d8dec59fed0	sality		
2d139a54ff25b40d415a79e661cb59d0	citeary	Yes	
2e4bbc8be2ef98048205126dc72417a0	darkkomet		
2e4bbc8be2ef98048205126dc72417a0	darkkomet		
2e6fdb19772de1bf02246a3ab7557b67	ociyota		Yes
2ed8ca6fc2dffe83a70832b78dd73ba0	virut	Yes	
2f15504357fb34cc8503685d8ccf01e0	delf		
2f1a9bd8012f9817b11f691946258770	virut		Yes
2f2bc752d2561abebc9b890d9bc59910	autoit		
2f7239ad65511c9a76f5f22e41cc97a0	autoit		
2fc24270c2c0465ddd74a925ab09d180	darkkomet		
3001742640bef41aa6c9dd2e0adc7ad0	multiplug		
300b26c610580ddb2a32ba2ad51de5b0	zeroaccess		
302659fb30d7e711b85c5635ba5e08f0	gamarue		
3050f4eec19ed78d113a1b84010387f0	virlock		
30760f68188dd20f8350a85df72ce7ec	sality		
307747eee6048a1b92b3c8de82a3a780	sality	Yes	Yes
309ec3709bd1bf5ffccb17e65a063e70	darkkomet		
30aa136db456922ad9ff4bd3d8d4dbd3	buzus		Yes
30c2cf67743f6526d77f66aa728a9710	somoto		

30df2bd8353758870a8386bdc7a9a8c0	ngrbot		
30fc696b1e37aac3e0900f7463b51400	darkkomet		
3102b314518a03ffa44e0ac227c9f430	autoit		
318c41d63ee0f42c83182d22b59cb620	virlock		
31b38fbb4c1553c6c8f1482c78a8ce40	swizzor		Yes
31ba90d53264b98f075b9c9f09f45e2d	somoto		
325b9b876bfd6b181d08700c94629846	ursu		
325b9b876bfd6b181d08700c94629846	ursu		
326d7011c60e2b705f8b711b57f9de10	lolbot		
3273c225efbca0848b7a1dde38f84e20	virlock	Yes	
3273c225efbca0848b7a1dde38f84e20	virlock	Yes	
32d3da5e58d110131af562b01ad52d30	bettersurf		
32e046fe41a5fabade77bcbe47da3b20	darkkomet		
332b860de94eab38260654c5481a2740	dorkbot	Yes	
332b860de94eab38260654c5481a2740	dorkbot	Yes	
3336d14531a0b43fbeb43f23380da690	multiplug		
3349dc0ada49b21b6532282505cc8630	gamarue		
33df2aebc04c70195ff237a72da794d0	kasidet		
3434043eb55e6efcb0d7dd5de28818f0	installerex	Yes	
348279ebd7abe567a8db47ee898a482b	downloadshield		
3492e47d402d636982b2589294e74470	ramnit		
3506c72c161e5364f915907f1c815fa0	sality		Yes
352868b54d4dca6c0c922cc1b97fede1	sality		
354ffcc007314f5bd5bdc9c24786a6e0	ramnit		
354ffcc007314f5bd5bdc9c24786a6e0	ramnit		
355c6a6b38df38b601207d26efc07fd0	delf		
355c6a6b38df38b601207d26efc07fd0	delf		
35ac4323f2ba28cc314cc9cd8be87326	locky	Yes	
3634f5ba676364f3e7900005c44ae6a0	sality		
36606cf922ea0b4e1a986ab397ceabb0	bnot		
36606cf922ea0b4e1a986ab397ceabb0	bnot		
36792c161949b08ccc44dcc72d087470	virlock	Yes	
36792c161949b08ccc44dcc72d087470	virlock	Yes	
36b62e629447d102880c0a2078eb3710	ramnit		
36ca6141121c5730452c898e1d26cf80	gamarue		
36d161c5236be9445c523fee961236b0	gamarue		
37181c7a67410e96aa6bdb9c03550e70	neshta		
37609fb37085beeba42a73b337ce9410	autoit	Yes	Yes
3777feb265c4f1339d811f14b44b4ec0	sality		
3797345f2c0a2a23ac3e5135b4ee2860	ramnit		

37ddfd922065996da3b1f59db473a540	autoit		
37ddfd922065996da3b1f59db473a540	autoit		
380c5e0acdf0fd4517191a79ea027fc0	multiplug		
380f903ef98aa3facf96f5cb5175ad50	frethoq		
381b549e742e400fc175cbc5cd106920	sality		Yes
38324697fe68d305f99afe895c80da00	ramnit		
3837ef3c8785262ae9b9834bade167c0	tdss		
38658647357b8d8cc48f788963746fd0	fareit	Yes	
389a12ef5a423437c59fdbe17b470850	virlock	Yes	
389fc55eef2ccc94f88c562fa4ac7d20	somoto		
38a96d3af3ae2604ea0c9f01d556e350	multiplug		
38c7becb73636a37341b4d94c092ddd0	begseabug		
38e574c2fcfa7515207a23bd8184a690	somoto		
39234c56efbacab1b6d49f8973412360	xtrat		
3942ad477c63d3e3a0d814524f3753a0	sality		
394c862615fbbdbd6433df9f3d3881d0	begseabug		
395c1480a7b0264540689cfa38b3591a	reimage		
395c1480a7b0264540689cfa38b3591a	reimage		
39686380037e35788edb9fe6a43a67d4	buzus		Yes
39b408918e455896a372c97d8d96f3b0	virlock	Yes	
39be1adfa6d39954484c8d9f10e0a3d0	ngrbot		
39c9d3d0f7ae76110bbfb0e89a853aa0	jintor		Yes
3a1df750bdd9026bcb9a9d7ced8b20b8	buzus		
3a38b5c9db705eced93731f7dfddb9fe	fareit		
3a501f5ff7404ae83a11a05756d11db0	sality		
3a775ad105707cefda4c2a94afeea22c	vobfus		
3a7780a0e1c05915e2a13ac5451cad40	ramnit		
3a7a2ed968f8fabb16ebb1accadd9bc0	virlock	Yes	
3a92d3a52479ec3c140eacdf16a0840d	zbot		
3aa72aacd5b215b6003d6b408fc65b33	adnel		Yes
3b2c99976a3c83765727c979bda579d0	SINGLETON		Yes
3b5f89ddb8a79fd17fc8e69bb2ad8c90	installerex	Yes	
3b80d941b276d3963908d8064975aa50	ramnit		
3ba24ceca08bcb869f2ec1e3d9805200	ramnit		
3bd93033ff46283a0828f6f0d5972250	sality	Yes	Yes
3bd93b95c913819c03fbd85871c5bf30	sality	Yes	Yes
3c3b1b89165ade77af9c2c9205d07770	zusy		Yes
3c3b1b89165ade77af9c2c9205d07770	zusy		Yes
3c4203638f53be130fe6a078290bea00	delf		
3db28b2d119f90a99d8020c107250de0	darkkomet		

3dfa19897c95edfe9fad74ec86989bb0	autoit		
3e20e36305a551db9cf851da4beab8d9	sality		Yes
3ea556344976c9fd40bc597e7cdfe940	multiplug		
3ebd49f7168ff668d617a174b1e7c30a	SINGLETON		
3eff6aad2b8e8c1b1d4f5122fb7f9810	virlock		
3f741360050136ff28725a9b070455d9	high		Yes
3f741360050136ff28725a9b070455d9	high		Yes
3f8358e619d4e0157ac15c2c911d5d70	satan		Yes
4023385b9811ce9a443d7fc6bc879632	fareit		
409a719cf707fbf272a16af1390ca940	jyfi		
4125862533d13d736d35aba99a9a8190	ramnit		
41508c8aebdb9756f35cd1ba1ca52600	rebhip		
41a5cf42b3cb3edc4f2a41ac6ad52080	parite		
41b9dbaa3b88e31f61be81b941dee480	darkkomet		
41b9dbaa3b88e31f61be81b941dee480	darkkomet		
41de310288796e85d385f74df3acc320	ngrbot		
423ccfe01becb8cf6fdbeebca63461d0	onlinegames		Yes
435b83599677df11556b2642376e1260	multiplug		
436b283fc681adbe3050ea4fb68990e0	sality		
4391a9e85d58a5584f3893a8bf707740	autoit	Yes	Yes
43e071109008d46c1ca2dba702ea2d00	sality		
43e9190f8f18e52dc361f775cc02b2ce	locky	Yes	
443b390866ebd463864b04cd7f25b470	autoit		
446ded7d34242cbcff942bd53be91fd0	jeloge		
451ee2f786909377a7d71da4e4550980	virlock		
451ee2f786909377a7d71da4e4550980	virlock		
4559a24f32e9b13f5d562f7381147aa0	autoit		
458d2572738223b870a7bc783f5f43c0	begseabug		
459751d09190afa050949c0642b85f30	bublik		
45a02b0ae2e0b10773900a63adf3c980	onlinegames		Yes
45c87eb2c5dbd2e2eace0e1bfa8717a0	virlock		
45ec9bb6d70ee61c02ed37d106ca9c70	fareit		
46c4a755e80ee4df590c87c98115a5c7	pterodo		
486c8179b7138276aca6e9632260c310	onlinegames		
488b4f6ef333e78d76d82de65e632120	warezov		
48a54781e701f9794e1901f407b6e330	sality	Yes	Yes
48e178399253b570852ba83f15091750	virlock	Yes	
4a1f885f0cb4392ae2ad7ae06b05811e	adwind		
4a3b7eb4194d2dc502be58a8946aeaf0	ramnit		
4a93f76b55c9486f1f5a78cfc4f549e0	chir	Yes	Yes

4a93f76b55c9486f1f5a78cfc4f549e0	chir	Yes	Yes
4ad3e4cc76f7a525ddf6deedc5521540	onlinegames		Yes
4b79cd3a22dfe7126a5f194a6b2c4a20	darkkomet		
4b79cd3a22dfe7126a5f194a6b2c4a20	darkkomet		
4c2a7cb4e02b1a5d097982389a6822c0	autoit		
4d715897cde55d4c3ec550b0691d6d00	ursnif	Yes	
4d715897cde55d4c3ec550b0691d6d00	ursnif	Yes	
4d7ba3ce5c56ece68f75cef7e80319c8	eorezo	Yes	
4e0716b2992afd5218085526c20e23b0	wapomi		
4e110ebccc923bee1b71f8a6f9bb3c90	gamarue		
4e1205ff85a28b53966a0b71a6ba19b0	sality		
4e4a9cea6143598df20575a038c1ecf0	yuner	Yes	Yes
4eb82916b9fe35545f8f2a771a84bbb0	onlinegames		Yes
4efca8484666a25bdbbcc535a7db29e0	viking	Yes	
4ffc21df92e9c0648e401335703b95c0	multiplug		
50560ace5dc1df49d016ef33c23dbe00	ngrbot		
50e50d2cb077526764e9dd97ccda3900	autoit		
51963003ce31bb0106e20fa09920a240	sload		
51a1d863234d0787f7584ce06e230140	installerex	Yes	
5303bdb5b916ce41509c212db3c16f60	darkkomet		
5303bdb5b916ce41509c212db3c16f60	darkkomet		
5332568e7a8bf581978e815a98849470	virlock		
535335e6310cbdd1c8cdc7f2cc4d49c0	ursnif		
539565d2979b41656487e679b3a9aa20	virlock	Yes	
53a65d42e05203d0784b359601d81090	ursnif	Yes	
53d4274ce78bf7a64b54b6aa0d5f0390	yuner		
54a07f1d5941dca9ff80fa4b1dd44680	sality		
54e6fbd27e9fb5b7e5571d2b140ac7c0	ramnit		
562775b9e1e0b8085b94bd9e96633c30	ekstak	Yes	
56d830ed1a1f04c8d9db3f57761f070f	SINGLETON	Yes	
56d830ed1a1f04c8d9db3f57761f070f	SINGLETON	Yes	
56d830ed1a1f04c8d9db3f57761f070f	SINGLETON	Yes	
56e8a28bdbbf3050145e2835ae747d20	SINGLETON		
56f98e3ed00e48ff9cb89dea5f6e11c1	valyria		Yes
56f98e3ed00e48ff9cb89dea5f6e11c1	valyria		Yes
56f98e3ed00e48ff9cb89dea5f6e11c1	valyria		Yes
574d362669fa2475a108af789770abe0	sality		
5786e681a0bf2563ea0643f6daa4bfc0	autoit		
57e96b4349b7c90a5b0448c791bb4890	neshta		
57f1c5107a352f212473bda79445fd90	cycbot		

Hash	Name		
57f277a99642cc1246a3b3d4d383d9c0	lolbot		
58c41d654668b6358f68004deda90bf0	autoit		
591095bb52467eef75f8203aeba97068	zeroaccess		
593bd4e16b63462b5e854100f91c26d0	xtrat		
5a779fe3ee3b3552f5a81e7058a503c0	multiplug		
5ae651166e7401ad38bf39489d6fa100	zbot		
5aeef93c549f72de4ce778c49dfad820	delf	Yes	
5aeef93c549f72de4ce778c49dfad820	delf	Yes	
5b5d5ae561aa84732a365d73d0268b3e	primarypass		Yes
5b79f794cfc6a3996fe221da4ea2f110	llac		
5ba29fd028ae40f6dbcef63438c3fa80	gamarue		
5ba9c36307d950ad4e2f6aee3e780640	begseabug		
5bde727b96847d5d50578bc1c7b35180	sality		
5dfa2779fc1105f729022ae8590b3b60	bettersurf		
5e0da9aa1eaaae3ddd989cac70931b95	buzus		
5e7b6719d4f9c50d3fdde053816050d0	yakes		
5eb11dbaac61ca69cd56b3b1f22c0210	geral		
5f53e6c4ae274f905389fc5d3a8a7390	darkkomet		
5f97c5ea28c0401abc093069a50aa1f8	w2000m	Yes	Yes
6038ae4be179c11d1885375ac0734eb0	multiplug		
603f286cd96893ff1681e385953a81a0	bifrose		
60bb66046631d4529c7e9559c4ee1ea0	ngrbot		
610f3c869c5e2224fef28aad4a58cb0e	sality	Yes	Yes
610f3c869c5e2224fef28aad4a58cb0e	sality	Yes	Yes
614875cf37898562aa115a64f17b0117	w2000m		
614ede6b18a50c52d965ede1c21b40c0	bettersurf		
61c12df7ac7f4cd360af234e2db95870	darkkomet		
61d2f70344385e018ab5b9a0d709fd10	autoit		
61e75f49052b1e6f932794ab5bec8bc0	virlock	Yes	
6271d18b2c4ac640012443f722191900	autoit		
62a1be1a3c8a1a85dbcfab53fd3ddae0	delf		
62d169f53414aa1b47e0068fa5142640	darkkomet		
62f78ae887bcb364d62318a7a435c610	installerex	Yes	
63e9f1702872eecb72fd4d574e33fe60	satan		Yes
646783ea9f2aec2d39613d01025fe23c	darkkomet		
6583bdd7622cf848be60fc64532b4a20	darkkomet		
658c30fcd1508a65df8b9b9b397a9459	zonidel	Yes	
65aa1ec968d2ca300c9901359aad1040	darkkomet		
65aa1ec968d2ca300c9901359aad1040	darkkomet		
66e94e7978765c45f9f190ffc6fb4fa0	high	Yes	

66e94e7978765c45f9f190ffc6fb4fa0	high	Yes	
678e01aacc99779c502e9473876548e0	bitman	Yes	
679deaf7dee1099e68f806a653859d30	installerex	Yes	
67a3ba5919d0159e0a4b58f46e326a50	bettersurf		
67b51eae9c5258300585d96b916fe6f0	darkkomet		
69449aca6f2ec801fdbd6cd731356150	zusy		
6b5472130c019278bc95130b43ed4200	gamarue	Yes	
6be909d968659a6bc4929af79ca77870	rbot		
6beb2a0e5fca99e36039caf21f758d30	tinba		
6c611830dfc9b68273a406520f5f9370	virlock	Yes	
6d215a29e44b8062287cf81d881d2d30	sasfis		
6d3e68d2aa41a12e260f7cfea0f8d180	dalexis		
6d69241b9251c13cb923b25611b495d0	zbot		
6ea9f19082ff45bbce5dc247239d04a0	mydoom		
6f182568b036db62c171ff3bfe774ea0	darkkomet		
6ff0f850f43c0a55b1749da266cc3f60	yuner		
6ff0f850f43c0a55b1749da266cc3f60	yuner		
7011c1db9b31a7100bd7a3cb3093f300	kovter	Yes	
70162476205496513fd88e9069372e53	SINGLETON	Yes	Yes
70700d8850dc7cd1cdb6720d701e16df	zbot		Yes
709d9dba5e57b90c07c1f3fa73930210	ngrbot		
709fc14da8788e02d300a4d68ad44520	ngrbot		
70a58792400d3eb55f27ed19c6c395a0	buzus		Yes
7108b5ec62ec3cfe23c021feb7c81e60	gamarue		
7133a866a2ec8a18ff873886f151e4c0	yuner		Yes
7133fa7ace434e0cedbd1ff0d10b8dd0	dalexis		
715eaed29a186700be4a002dd08690b0	bitman	Yes	
7168717073916751e1f6537b2f99f0f0	ramnit		
72028e9d7da7d3217863a9cd5a391f40	virut	Yes	Yes
72028e9d7da7d3217863a9cd5a391f40	virut	Yes	Yes
7232594f02bafc80877525b5523e2450	siscos		
7244b05e4fedfb908dc0ed6713636689	SINGLETON		
727f829ad22fd62397454d337cdd6a00	neshta		
72be9349420ff4f872b5547add187550	ramnit		
7332202a7b48916486d3cc2cd53b31f0	nitol	Yes	
73429d0adad80af171b002d78b1d05f0	virlock	Yes	
73908ec1b4b7af2e587f14a7968b2530	hlux	Yes	
739b1b0bab2b40b82777c625a9a4f560	dorkbot	Yes	Yes
73d30724385dafb7271b26277d7e25c0	ircbot		
73ee845465400b1f49ba666d95c79b10	installerex	Yes	

7477cb0959fe2e42ece73b5f54a1cd30	somoto		
755310c4d86b2333f86d360ae5717380	autoit	Yes	Yes
756164f120be4ee9d2120c84091c1af0	begseabug		
75a6c266f6b9f4dd8421a391b7296353	vobfus		
75d262da14b2973e310b1ebe28c6d654	zusy		Yes
760d19ff3416724646c54d8bf4bee3e0	spigot		Yes
764484c2b991cea88aac11474d7d3290	sality	Yes	Yes
767e8692e55287d1440c4ab5f55f53a0	virlock		
772faedafbdf54e8adb84cff0497bb7a	high		Yes
778ce44a9cd311f077db5ac01004f42d	poison	Yes	Yes
77b3e9b09af0e7c1e440627ef38edb24	locky	Yes	
77eeba5860ef8a4e0ce2086133f2b190	neshta		
78961748c83a1bce74351b1b365f77e0	autoit		
791289a1347b2b7c22f3c33840ed4b40	nivdort		
7917a1ed4a819f162c587f432877e650	rebhip		
7963813e58da5a8a76216e726376fa20	deliric		Yes
7985ac287408e292ea64663af22b9440	vdldpk		
79960bfb9300c85f9198beb817879890	ruskill		
79a179b98f92ec49a4955e6f3f9d1460	sality	Yes	
79be5cdd8e351055048934ec0a334c30	dalexis		
79d697060f7cdd638f2905fb5d957700	cosmu	Yes	
79db2cf3be7ef627858f6d4fa0c9fbc0	yuner		
7a33e20a67a55db524961b2f22eb4c89	shiz		Yes
7a413227d61a4884bc1efa45aab31550	yuner		
7a5781cb0dda2a04b5289f6efa656650	darkkomet		
7a6f92ac732dcf8cf5c7c53e06e89a57	vonteera	Yes	Yes
7a6f92ac732dcf8cf5c7c53e06e89a57	vonteera	Yes	Yes
7a798e983dcd57dc6d30d522ba98d202	buzus		
7a7c3c25c152257ca7daa819a5fbcdd0	buzus		
7a883a795d92098417e24801149f9e20	sality	Yes	Yes
7a883a795d92098417e24801149f9e20	sality	Yes	Yes
7b145b815279d90db5b8e1dabb389c20	zusy	Yes	
7c2c1875dc3cd2af39e93682ff52de30	mydoom		
7c97a08b98cfa97156a0a01e6a9adb40	virlock		
7d285dac428c778ab0541528a4b44c50	yuner		
7d4fbadc67855bfece4e6dd5f07ee7f6	fareit		
7daa9999ef8357f6b0b412dda74f9310	mydoom		
7dce2f6a276772084f81b15c9676c2e0	cycbot		
7eaa6a0149cc5e0748c36f449d0efbf0	autoit		
8066889e4ad9e34136f355fc938aa260	poxters		

81e7cf66f39a3aacc65753aea1fe51fd	fareit	Yes	
81ed8053dcb1dc514169894d6c5a3b40	outbrowse		
8260f91754bb4cd9bbacbb5121da3080	mydoom		
82aafec25f63651a64897bc190aefee0	bublik		
8398f9cca733b1b97589ee626ea19bb0	dorkbot		
8421345f86c31959c7ed40a0f16d9420	autoit		
84a27c8dd0e0c604e47b827c8b3868f0	darkkomet		
84a27c8dd0e0c604e47b827c8b3868f0	darkkomet		
84bac97fdea101a126627f5085bf1040	autoit		
84c14898a5e3538a51641489d97764b0	autoit		
85965f7ce5e44f1836ebcaff4a8aef31	donoff		
85deffdd13c35d7e9a1bbbbbbe81ab50	buzus		
860dfa0935496bcb6946e509d3006350	xtrat		
861c84dfb5abc839bdd3890db86be210	dorkbot		
864e97ad6978fe96c8af4b282765d8c0	buzus		
86dca0bd3bb77ad051d41e68cb138640	pophot		
87432c8202f7fbef4879cdb3b21c1350	nitol		
876a30de81c1250b343ad0aa5447d7a0	begseabug	Yes	
87a76624c16cdbdcfa48c865ffa71190	sality	Yes	Yes
87a76624c16cdbdcfa48c865ffa71190	sality	Yes	Yes
87fa57743ca782554ad92db0e3b02cd0	virlock	Yes	
88b4c23ce35e7ad7fd01157fe2b14720	prosti		
899ba682505dcbbecaa42f5bbd7ea639	locky	Yes	
89d424a3e886d5e23c5db2bc63dd95d0	dapta	Yes	Yes
89d424a3e886d5e23c5db2bc63dd95d0	dapta	Yes	Yes
8b0a6716c870cabd3ecfc72e27c8a3b0	mydoom		
8b351876548c82b39a49b1fdf4f406a0	cycbot		
8b6f6bdefdc6b42abf9f372123152ab2	SINGLETON		
8b807c969cb9860bedaaad49e1b0400b	razy	Yes	Yes
8b8d6ddb163507a2751db7b6014c6580	yuner		
8bfeb24f5f2fd10ffa6d46ac613ceff0	darkkomet		
8cc32b75905b337b0f4e99eb42250e90	virlock	Yes	
8d5e564ff07e79b003350f644c11adb0	dalexis		
8d6cb86b50cd260171fc8d388ce445e0	berbew		
8ddf99c74271b449690dad5e47e7fec0	virlock		
8e29de5457123f4735885d2245911540	virlock		
8e4954a6ac19b58b7f990a7aff6beac7	spigot		Yes
8e7df0717f7d035bac4cd1bfbc730b30	outbrowse		
8eaeb04a5b6f57fc8d325e39b8bc6ec0	yakes		
8ef68d2b3ad866443a1d296de34ccdc0	xtrat		

8f332056bca6b3d8b9b89be80adc0b90	begseabug		
8f42f431b9f0d155c6275b55fd0f9740	autoit	Yes	Yes
8fba722570b2a92d038a10957c3d77e9	locky	Yes	
902e4fcd69d2440d2da00c6fa0ceb000	yuner	Yes	Yes
90734c4fcf66b54be3572f9b10769b60	SINGLETON		
90b336cb2d8ba4fa353f1b994c2ee820	virlock		
90b8bfc3b1c4bce785380fd013c60170	autoit		
9187b42f91df7f5871d660bb0432c7bf	yodaprotector		
92597a199c87af2357e177860caaaaf0	csdimonetize	Yes	Yes
929bd68a9c631ceee4543b5c2d5dea3e	buzus		
9310d62a901d5dd9327762c9a5a0fafe	sality	Yes	Yes
93b0e194aa25dc84ab968a68e2002130	darkkomet	Yes	
93b0e194aa25dc84ab968a68e2002130	darkkomet	Yes	
93b0e194aa25dc84ab968a68e2002130	darkkomet	Yes	
943200d757e02cb5bc38ecc240fcff90	dalexis		
945d61b44426bfae2cfeae4151bbd2bf	cerber	Yes	
94d48324f71958f399570a92e766f9b0	gamarue		
95dc6ba65f7236e3f26b70b446404980	gamarue		
963486b7fd2c31087b67395d6b662580	autoit		
9669c3f38b343b6fccf0ac973f95df28	fareit		
96ae0af621c8e654a8c9cffcc0e4191b	spigot		Yes
975303597f2eb9a1ead9a29429a34757	squarenet	Yes	
97c99018a141bc2bb783300c4822b542	buzus		
981cd598362f20b07fa1ef3322015070	begseabug		
9851f923213c74747f6b5365fd4abc70	installerex	Yes	
9889f0df0b735a2c598bc28915f859b0	virlock	Yes	
98daa9d71744a34725fccb710c987e10	zbot		
98e7703e6342fd9c1c4d747e1ef9e080	darkkomet		
98e7703e6342fd9c1c4d747e1ef9e080	darkkomet		
99260dde02eed21cac5a26a1d2604260	dalexis		
99643c210ae60f0fc38121ede4a30690	multiplug		
99e819ee597fedea06f230675dd8ab00	darkkomet		
99e819ee597fedea06f230675dd8ab00	darkkomet		
9a7799604d27f55eef6beac63df46524	emotet	Yes	
9bdab1da8166ef76a6848a539d693040	virlock		
9c437e8bd03205d89e32fed47f8c9960	gamarue		
9d0d5d336ff9a16efe8e6f453c4310c0	installerex	Yes	
9d1e75a4e5057f3080c51f607f9b12e0	darkkomet		
9d44bdef0ea2b6daae1bdb8326b1a6b0	darkkomet		
9dad07b7598c219772a0466aadd10320	dorkbot		

9e628f46fd9e973d3e4fa454ec791050	buzus		
9ea1d104d0e0359172258b476c1bbb2b	fareit	Yes	
9f0d37c6e6a72c591cafc24d57fc5d80	multiplug		
a00ae556a61907d43332449169c88844	SINGLETON		Yes
a03432a24213347920244e91361665c0	autoit		
a08b76332b15c1b77f0c7b3bbcc43160	zbot		Yes
a0f9127e63a41f73d81dbc7ba30ad630	autoit		
a107ca8bcdc7f092619ce0d90ef2d4c0	bitmin		
a1f22d80be82d1df84bf8e95464e3660	ramnit		
a1fc84f24f715d88c388810f52672783	gamarue		Yes
a2007556daf5d617cd8b82a3a604ed30	ramnit		
a2084de3c0b64ee4727b2446ef035c35	buzus		
a2bfcbbd5e3dc30fc90ec51c70930c70	darkkomet		
a3f8e86d755281c26b57be06287aaf20	agen	Yes	
a3f8e86d755281c26b57be06287aaf20	agen	Yes	
a46843046c11fe73ad1f54663c5e9aa0	berbew		
a4d0f2787bcf1eedb71869fe2709cbf0	bettersurf		
a5564c20c26707a47dba15466bc9dc00	virlock		
a5564c20c26707a47dba15466bc9dc00	virlock		
a5795783d738cd4b3895852b7c908a20	lethic		
a6a66e084109e38cbf7addf6916f7590	autoit	Yes	Yes
a6bc6f1acec3b88bba214d48675af720	autoit	Yes	Yes
a6c1b6dbaafeaa97dc456c3082b6b830	installerex	Yes	
a6da8fe9a89ff004cf383964cc38ebc0	suurch		
a73a2b5bde3ba2835dfcf3775ac27fa0	virlock		
a88941e53b06d4b07260f4b123613000	ramnit		
a8f6cded9ecc579af36d4747fda867a0	swizzor		
a911b8e143a4346eb76e75d3abfcc6f0	gamarue		
a94444302e4d5b59654d9478d4c8808b	emotet	Yes	
a9557278eeab5e43186a132d3a45f8e0	gamarue		
a9a234ecb4d2774de1bf99a947dd8770	simbot		
a9f3b01b412e6cc506ca9d8aa0dbf200	mydoom		
aa3ea252a7c6ca422af5dcb406f1f860	mydoom		
aa7c2bc6f158b89c2a2f433810b3b800	ramnit		
aa920ad881b0683fe3c1435a99305c70	zbot		
aaa1072c16eaadf927d476bee8a20ab0	darkkomet		
aae583eba6ff41559a01369993e88b80	virlock	Yes	
ab2cf2f2ae452454c961c8acfbd8d330	SINGLETON		
ab35e60e0d2f5be18cd24580317c2a60	ramnit		
ab937b3a0ed4f4882491d7348f1e2a00	autoit		

abc40380343f0a2f76063c4410ec0424	zbot		Yes
ac44ae1bac44c70fde31a836967159c0	ramnit		
ac705bebe6aa4b7421a7b116801c6be0	cosmu		
acafc0b30cff340b5009a27682837736	agen		
ad1b0385cdaeffb5f11aa3431ad0b910	autoit	Yes	Yes
ad24bbc1186a8f71231e018a0bbbc1e0	multiplug		
ad30987a53b1b0264d806805ce1a2561	donoff	Yes	Yes
ad44d32c907764a295e2f3020920bfd0	autoit	Yes	Yes
ad5a6ee323a760348f1f60b161078840	autoit		
ad6a7dddc4f47bd8561fb8ff2957d5c0	virlock		
adbdb7e07fd008a03e511f0c0f4ec7c2	razy		
ae01dff42c8d89f546c5f6846c5be3b0	autoit		
ae06047e04d96be9b9d6d97f12476f14	xkit		
ae0f3e998e8cbbc5707407f515f9bc0d	eorezo	Yes	
ae11f21415b3fdedff0f8a96c6e14d80	autoit		
ae189011a92f987b7bdbb8b402aab740	autoit		
ae6ac659d5e0cda78f47dd59de70fee0	ruskill		
af0e6a8c22213da726cee10841c6cc60	autoit		
af813168402e60cfdf7c78a0d70d86e9	goldeneye		
afc129d68fdbcad10d0e23be3ab36860	yuner		
b013489f185b7b421b34bd938a727a10	darkkomet		Yes
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b047b23af4bc4480eb886b87f7d7a015	sality		
b05b4d4e3b5912b31723864014b54c30	virlock		
b0703adec8af1da110401becfbbbbf40	sality		Yes
b07f96a3a8b8132dc3e35db8f4fbfaa0	hupigon		
b08cdf79e5a5b2fec63baa6aa4f58160	virlock	Yes	
b0a625d1d717588074f831b3ea8ef6d0	virlock		
b0bf5ba40203602220b2a5cb62095550	ngrbot		
b0d884574d95b0900816b106f545cb21	fakesysdef	Yes	
b0fec68163f69bb765fc9caf75eba9c7	sality		
b19b043f46f57b66c51ca6a240715340	gamarue		
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b1eca989f2fd420ee2e3d407c3a227c0	sality		
b1f1cd60e17e580ea1591a181f5e1160	installerex	Yes	
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b34ca581b92c39e54b3b6846e3d23aa0	autoit		
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b3dafd00e7dfe9c4450b7da6872ecb40	darkkomet		Yes
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b3ecac48c1a07d548ff6125c0a74d8d0	cosmu		
b3fb37175074e8bdc1a4d910add38fc1	sality	Yes	Yes
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b49cf604f2bd06dc9d636772f7f09810	pophot		
b4b4971fc972b84393c92f2a8dbe6b40	somoto		
b4ceae91a05006f979ff593555974b60	darkkomet		
b4e4ea9bde23d2c290b0c5f05ddc8590	zusy		
b506c7b7752ae5ff2ee3703ae5e84f80	autoit	Yes	Yes
b52ad1fc961a52364c276adb8aca84d0	lolbot		
b530c67b8e31c9f542dc17b06aca6790	dalexis		
b58e9d0166113e1c03866bdcae8eae30	autoit		
b5a90f4be2ac6ee2dff53f1b558e5510	nsismod	Yes	
b5b005e8381405234d149aa6638e05c0	ganelp		
b5ce479285d3a938653d6ecd6481a190	virlock		
b5d16fb4e559406844b97b0da9d80f40	sality	Yes	Yes
b5e208af4e73867eb0fd562c45303e70	virlock		
b642e9a0df963edbdacf9463395895c0	somoto		
b6640d451245656f63c50090678885e0	virut		Yes
b6679024fb4d447ab76cf9dd81822a20	wapomi		
b6d52b887b42d4699f1ac03af9889e80	tescrypt	Yes	
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b7bb3e7e3175f243e48f639276b2ffd4	lynx		Yes
b7cca65c0989a701cfc15bd07f8d1090	sality	Yes	Yes
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b8181d43e0231d5a12038e16ece15329	fareit	Yes	Yes
b82fd40fbe1cb10457ebb8c4d1199590	sality		Yes
b84c250471980ba372fca77d00c93dd0	sality	Yes	Yes
b84c2c974098e5739e40a6c0315efb30	dalexis		
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b8a180bfe02996d5a31653702c2e4b30	sality	Yes	Yes
b8a840306cb17e730114995c3ead3ff0	virlock		
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b8b865973c038f423cd2889b601112e5	sality	Yes	Yes
b901926ee990d24324632ee9778b6e45	sality	Yes	Yes
b91dc98df5b89bf9a75225f39a3e8296	vobfus		
b922e8aaf3fa7e6791e8060fcef53460	virlock		
b9320082bf133907c1ddc26b198c48ed	lolbot		
b9332297e9b152b753e60949abcf0ad0	dalexis		
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b97d6db15167dc57b11068b511b74c90	virlock		
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ba11582365fac3d23ecf56486c72f6c0	autoit		Yes
ba22d4ca9e98ef6178d65603916f92b0	virlock	Yes	
ba2ff16908f057a107fc7def3689a9c3	vobfus		
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ba970eabe3b0315bcba6a01deb1564c0	virlock		
bab5f1da5528ed0fbb5adc7274a940a0	sasfis		Yes
bb01223a363b70e45933e55e70f63490	sality	Yes	Yes
bb08da20d0e8c8efb25823e2319ca650	virlock		
bb09f7ac5fc97666ddb8bc86edb26d40	sality	Yes	Yes
bb0db3a63adb55bc5bdc8c798f207e50	autoit	Yes	Yes
bb1a91bcaf93aa9bd7bb915676122090	ramnit	Yes	Yes
bb2860f2d9d2cc404d6f0eab0a5f4b90	jottix		
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bb4e22a5e0dc325be9f1bde156486077	sality	Yes	Yes
bb6111764c051bdd78ada4d1c49baa00	somoto		
bb7249b9cf6e1764c90038fcada6d930	virut	Yes	Yes
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bc3e69c4a291b144e9eaff64e392dbb9	vobfus		
bc5a9564b41c144e45ef30c4170f1c40	virlock		
bc5b40b1add1604aca3c33a0c4433ed0	sality	Yes	Yes
bc5e90a1d5e441a3b20ff927ead39640	dorkbot	Yes	Yes
bc5efb55cb050c41543d90b60f9a5b40	adkubru		
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bea1bd28c2f6a94efb27514282fef4a0	autoit	Yes	Yes
bec3be73271074317c1b3f39806ba2c0	virlock		
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bf15088b673b087eb6d0a3f64ad446e0	malex		
bf1bd6609b621cf3ba77ec00996644cc	fakesysdef	Yes	
bf2edc2ab7acc1b168964ffc95741bd0	ramnit		
c0a4db485d6759fdaab0175157909e23	locky	Yes	
c0d5e0a4b3b598350b2a26d7103b82b0	wajam		
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c126725866e87cdaca7cbffc1327f770	virlock	Yes	
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c3efdf1a47eac2113a282f370e9a6250	installerex	Yes	
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c8b66a9f04353550e6625c059cf7db2e	gamarue	Yes	
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c9a13f838125a0d3d35ba3ec561388e0	autoit		
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c9ead1510ce04cdfe12e944b444f4811	sality		Yes
c9f2163db6d18b0f0045f1fc676e97e9	sality		Yes
c9fbc46d7cdc5a20ac1d39b9cd9fcae0	virlock	Yes	
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ca639a9f344b54fa0448f5eb3f1de830	sality	Yes	Yes
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cc530c25b02626c2e0d5d72780cfdda0	explorerhijack		Yes
cc597a1dbc3c4edf3345d4bc34429d80	virlock		
cc597a1dbc3c4edf3345d4bc34429d80	virlock		

cc88034d225ef671b3c227854a93beed	nitol	Yes	
cc8ce308d919f772614b6372ef88a5c0	virlock		
ccb4ba7042fa02a3caf8728bb7c44170	SINGLETON	Yes	Yes
ccb7da6b407eab2d0831f4b460ec1a10	yuner		
ccd5b1609e65fa3386e82b1737cb0390	pincav		Yes
cd25268eab7ef930a78c7d8a466779e1	vobfus		Yes
cd3589c984fa0ef490898cbef4db6fc0	sality	Yes	Yes
cd37d405b42c52fb0d6b6cde1cc92ec0	virlock		
cd37d405b42c52fb0d6b6cde1cc92ec0	virlock		
cd791e49bb2058159da61c4013b66960	ngrbot		
cd9d4bb94e90e6565023497e6f5ae670	virlock		
cdb4f144d70f173420a772fa2d3a1f35	sality		Yes
ce2d402f055937b59f6621300c23c8b0	SINGLETON		
ce410d4f66c4ec96a3cfc7afe0476e60	autoit		
ce4193f7e9c10578ed77f4668352c0c0	jyfi		Yes
ce71dd35b8f1fd638f242543e60b76e0	virlock		
ce730f9e3167fe5666d33f55e22622d6	installmonster	Yes	
cec78d1b6c118aa1b9bcc80af464fb90	sality		
cefbeb70df34e2a13a9e71508be41040	virlock		
cf04dfa57b97ee20a4470371934c5554	wajam		
cf1708cce5f381541b3ba24ea49340e0	somoto		
cf38473c0d2c59b44bc4532aae9b8f50	virlock		
cf4b501d33c4ec7de7676b3ae9f4ef01	microfake		
cf5b84ec9077babf904254e79cc12dc0	virlock		
cf6b8b0d1c742f8c8aefe1e46c5991d0	wabot	Yes	
cf701f4041ea72b59daf96717ca33220	virlock		
cf73dacfaf91851451d03426e5f8c8e0	dorkbot	Yes	Yes
cf93f5fd036fe3852f21e36def497094	shiz		Yes
cfadf6ec566831e528a13515fec73600	shodi		
cfbbbb6bdf9f928bc650f84b0c411bd0	bladabindi		Yes
cfbcb798d61e509ee95e075057afefb0	malex		
cfda79cb0138b126c3352a1b3172ad8f	knigsfot		Yes
cfda79cb0138b126c3352a1b3172ad8f	knigsfot		Yes
cffd237142835f69deb5e01a700bd2a0	zbot		
d0d6d160b1300db18029bf77e1508a80	sality		
d0dc66406deab7f031bca70adc91eef8	installmonster	Yes	
d125819b4b3236e17e6403f6f55e1ce0	virlock		
d1c811c9c8719b8e894a08acd10f579c	zbot		
d1cbafe7ad6a2d68913d043effc9a682	vobfus		
d1d2f82a3990bb901eff96db84f18f00	lamer		

d21b7daafc33cef54a4e5eaada694550	bettersurf		
d221ab599418bbc890cf3f515babb287	adnel		
d2968c190d294c1c8a76f2041e3eb6e0	virlock		
d30e5e58a74cb768bce132480b3895e0	chir	Yes	Yes
d30e5e58a74cb768bce132480b3895e0	chir	Yes	Yes
d3345d21c795aec2ccc8955f04fedfc0	autoit		
d36992c58cd7a07ce8d88611d795e050	autoit		
d39e670cf126817b9264b72f3b08b290	wapomi		
d3e635b95ccbd9d852e7ffef364a6be0	autoit		
d41b51fb46fdafa6e5d07e185661f3e0	yuner		
d4c438f374c2075911ee8aeae01c14d0	swisyn		
d60739d7ae280cb1da2fbd120abf8c80	yuner		
d62949698ee9764b53b33bb2f97ae850	ircbot		
d673c7e475f07f8ac361a293158a9050	virlock	Yes	
d69dee6640d1f2f123f032994cd22dc0	zbot		
d899796d6347bcd246a00d3c7b3b82df	SINGLETON	Yes	Yes
d899796d6347bcd246a00d3c7b3b82df	SINGLETON	Yes	Yes
d8f1fc4de4c3bf1e398d4dc4fde834f0	gamarue		
d9204f6d1cba31c8931e36cec3767c70	autoit		
d93c3ae86d083de63628df258542c0b0	autoit		
d97604cf0ec42a29d020bcbe44fef7e0	sality	Yes	Yes
d98655beb6141d07ad2a13cae31dc6d0	zbot		
d98655beb6141d07ad2a13cae31dc6d0	zbot		
d98bbb8d6fbd0479c7129abfb9b0dc40	ganelp		
da2e3d088fedb21b8a00200232b06680	somoto		
da64b7eeea836bcb1635fc3a944337a5	SINGLETON	Yes	
da64b7eeea836bcb1635fc3a944337a5	SINGLETON	Yes	
da64b7eeea836bcb1635fc3a944337a5	SINGLETON	Yes	
da689a2eb85126dc11e4a0b7d29f3432	azbreg		Yes
da77d0da6a2f6da09c5ce219befeeda0	virlock	Yes	
da9d2a5b730c5bc051e9df0d83b4969b	sality	Yes	Yes
daa17e9cf2cf746874b2739a7f601f70	multiplug		
daa4b0d231b58f8a86dd349bd742ad55	zusy		Yes
dabe4d454d63c0dc5bd49563945e23b0	zbot		
db24d81565181297bfc6a0b02343f260	virlock		
db24d81565181297bfc6a0b02343f260	virlock		
db4aef0e0c81882297d9d687ff578ec0	installerex	Yes	
db5023bbd8073d9bb75800f6d4429370	wabot	Yes	
db6735f807783708f36939baafc8e260	SINGLETON		
dba9a470298aa70b99fb0ddccfea8560	multiplug	Yes	

dbd2647aa39f1094165376fd4939fb13	sality	Yes	Yes
dbd2647aa39f1094165376fd4939fb13	sality	Yes	Yes
dbdc16168f884877fc4d82b0d6201401	sality		Yes
dbdc16168f884877fc4d82b0d6201401	sality		Yes
dbee1bc0f70a9092512b107d92758140	bublik		
dc0ffa1d1df50a8365d90f8af0d75a0d	razy		Yes
dc218412f81d8785e09484b289c9e233	haed		Yes
dc56f9c1683cb79cf18e862b4b6249f0	ramnit		
dc66f62dea7e8aa9fc49ac122c5b0400	multiplug		
dc7e849b6001c0d0015682e2fc492020	virut		Yes
dc84c44b890748843828a24994bd14c0	bublik		
dc892d52295d49804e4200dae502df70	virlock	Yes	
dc8bec83c7f6d5c495fdafade90f6080	ganelp		
dc97c12921239670087838b171e9f480	ganelp		
dca429a5463e412df43f6b1d506e366c	neshta	Yes	Yes
dcd5de53de68c8b6f7b03e88439e4610	domaiq		Yes
dcf57f2f678fa66c75f17a4044f41720	virlock		
dd000aaa0b0aef03f3015229266dc580	virlock		
dd000aaa0b0aef03f3015229266dc580	virlock		
dda37961870ce079defbf185eeeef905	locky	Yes	
dda37961870ce079defbf185eeeef905	locky	Yes	
ddb7b9406ac37cb6bdd42de74acbb9d0	virlock		
ddb7b9406ac37cb6bdd42de74acbb9d0	virlock		
ddb7b9406ac37cb6bdd42de74acbb9d0	virlock		
ddcbe50b0d29836a4b528975e7067c10	unruy	Yes	Yes
ddcecfa502694c5b513df8dca76acf82	SINGLETON	Yes	
ddcecfa502694c5b513df8dca76acf82	SINGLETON	Yes	
ddcecfa502694c5b513df8dca76acf82	SINGLETON	Yes	
de207a9847c813ebbce4a825aadd01c0	jyfi		
de96a669fd9cc54bc450647570053700	virlock	Yes	
de9f758b518ccfea527c2cfd75b4be04	SINGLETON	Yes	
de9f758b518ccfea527c2cfd75b4be04	SINGLETON	Yes	
de9f758b518ccfea527c2cfd75b4be04	SINGLETON	Yes	
deec3d1ce1fb393b85a2d94309305c05	vobfus		
df135351cfbfb85e6b5afdaa657eab60	virlock		
df4a44da9ab985373316944b8ef55e50	autoit		
df6098fc8984dbb2ec910fbf598ccb90	shiz		Yes
df631302097c1cdb51ef30c6285ef4c0	sality		Yes
df73ca4323dca5346638ce259839b7df	renos	Yes	
df73ca4323dca5346638ce259839b7df	renos	Yes	

df905ae608c89303d5d14b0570e0451f	mirc		
dfb9feeb6b3947a1282ec73d2cda9710	dorkbot	Yes	Yes
dffb17c14272a3024c22beda4ad76082	shodi	Yes	Yes
dffb17c14272a3024c22beda4ad76082	shodi	Yes	Yes
dffda49e01f5bc711853b12eac553019	tdgf	Yes	
dffda49e01f5bc711853b12eac553019	tdgf	Yes	
e02c2b435ebc85c161664454c45f83a0	jyfi		Yes
e08dd9cd6214e4bf16fa891589695610	virlock		
e08dd9cd6214e4bf16fa891589695610	virlock		
e1152f0253fa2eeb91dccfb13aaf8194	mufanom		Yes
e1249e45169563a5d8e499e61063e9e0	ganelp		
e13684c9043ed01bb5a51a860ddda7f0	virlock		
e1f01d363390eb50331bf856b2586f90	autoit	Yes	Yes
e2039d6b650f044088bcf7e9cb85fe10	virlock		
e20ea9b8ba1c1c7f84b96fef2a9440f0	bitman	Yes	
e21565029f3646508d8ce82c0ee16e90	autoit	Yes	Yes
e2210fd5ff32b446883cc16d1b2669bb	vobfus		
e22c2fc844ed4a22f4904f9e5924ea81	kabymj		Yes
e22c2fc844ed4a22f4904f9e5924ea81	kabymj		Yes
e24ac7a16fcb774b543bf27a18f5b5a0	sality	Yes	Yes
e2553429b2cdac0a9a7d37de9e17e980	virlock		
e261bf63b9891cd9832275aa04e0a200	sality		Yes
e277b716a68e47a3f0781b99149199e0	dorkbot		Yes
e28d8ca099eb0c78ca8d76427aa40580	mydoom		
e2a41ca5c5dbe3f5fd1552588059d1f2	SINGLETON	Yes	
e2a41ca5c5dbe3f5fd1552588059d1f2	SINGLETON	Yes	
e2a41ca5c5dbe3f5fd1552588059d1f2	SINGLETON	Yes	
e2a995d722528cc119434a808581dbe0	multiplug		
e2b2a76813e01dee43f22bb1a71eecdc	disfa	Yes	Yes
e2bbfc0e0149a693f7d033c6f8bf0a34	expiro	Yes	
e340ab1fd02187151f51d5cd5d5d2a00	darkkomet		
e340ab1fd02187151f51d5cd5d5d2a00	darkkomet		
e3450ec8a5f3f9b32ca364f2eaecfeb2	hesv		Yes
e3450ec8a5f3f9b32ca364f2eaecfeb2	hesv		Yes
e352ff7916716acabd8c6b3290b7133e	crytex		
e380ac7858ad1a64c77f5b7445506d67	sality		
e39250c2829d1ede69f2458288b3903e	SINGLETON	Yes	
e39250c2829d1ede69f2458288b3903e	SINGLETON	Yes	
e39250c2829d1ede69f2458288b3903e	SINGLETON	Yes	
e3b1741456f4df1adcb4001a155b5b85	sality	Yes	Yes

e3bfc72b0b4ba7c3505001b7983dbf50	sality	Yes	Yes
e3c4f5088c9069f7d0acc0ca261e42c0	conjar	Yes	
e43244db36895d6a28850d3408d80f45	locky	Yes	
e447d3fa0d220045bdc94d5d30f64edb	lolbot		
e4b033b203e4f3c00bb1ba469bae2968	lolbot		
e4b68f1829c70f7633fa0749f87aba30	autoit		
e4c4114aeb2eb41d9b336fee1cba85bc	SINGLETON	Yes	
e4c4114aeb2eb41d9b336fee1cba85bc	SINGLETON	Yes	
e4c4114aeb2eb41d9b336fee1cba85bc	SINGLETON	Yes	
e4ef931d4e359f8e84a255d808e506dc	zegost	Yes	Yes
e513222cc01fcddd993bd41741c789b5	geral	Yes	
e54082965c8ec8b52330533acd0ce9fd	fareit	Yes	
e555ac5596476bd5d9f593e5dca13983	zeroaccess		
e56d2993c8597c5201b006d9a1341a20	virlock		
e5d8262055706f965c585379a8d0b140	autoit		Yes
e62f28e77c3dc38c0f1460cfac040d50	nitol	Yes	
e6360be5a004ceae1ebdd544401db45e	killproc	Yes	
e6360be5a004ceae1ebdd544401db45e	killproc	Yes	
e63f624b8430e677f99947f0d10fbd5c	sality		Yes
e63f624b8430e677f99947f0d10fbd5c	sality		Yes
e6ace3b0cad4737c982f50832cb20f40	sasfis		Yes
e6ace3b0cad4737c982f50832cb20f40	sasfis		Yes
e6cad79db123104b5a4ffd24056fd4d8	SINGLETON	Yes	
e6cad79db123104b5a4ffd24056fd4d8	SINGLETON	Yes	
e6cad79db123104b5a4ffd24056fd4d8	SINGLETON	Yes	
e6cf42c95ec35ccad95e32bfade21be0	virlock		
e6cf42c95ec35ccad95e32bfade21be0	virlock		
e6d27f24580499c6c4e9e3351739e195	virut	Yes	Yes
e7797d14530990e04bc9b787eeb12060	virlock		
e7797d14530990e04bc9b787eeb12060	virlock		
e78e0965ebb434e82046d8ac7c3e1910	autoit		
e78e0965ebb434e82046d8ac7c3e1910	autoit		
e7c3f76525c475ffb3fd8f641dfc380b	sality	Yes	Yes
e8292a917a45ff03e3991bd013925600	autoit		
e83d0e83d2eb7ecca3c8cbc92503f5f7	dnschanger		Yes
e87a9ba9b302c5b6a1a0fcb04e78be50	multiplug		
e894a9f96cce67d088ea4f05a5fd7eb0	virlock		
e894a9f96cce67d088ea4f05a5fd7eb0	virlock		
e8a5583f8e174e884523ce2668d1b376	fareit		
e8ab45500811d6d7301f8bce362d8700	zeroaccess	Yes	

e8f14db8db526aafa5732a86917524e2	sality		Yes
e9325a7d5398f65c6aac51c59cfdac0c	fareit		
e95c3f8d298f00dff210189e3ac0279e	fareit		
e979176314a49a4d46954aa0bbc5e7f5	fareit		
e9d071c6b437f65df84dfa78c3b5df80	ngrbot		
e9d071c6b437f65df84dfa78c3b5df80	ngrbot		
e9d56a760e6300acf7b12636e5fcc6d0	sality	Yes	Yes
ea25e0423ab7f7534abb6114b43a9b33	sality	Yes	Yes
ea25e0423ab7f7534abb6114b43a9b33	sality	Yes	Yes
ea3bb4c5ff95ec773003c950ca40945f	fareit		
ea3c3e7a724cbd0247850c10ebdd1eb0	virlock	Yes	
ea58031f795e6089c80fa9574fff1bc9	mufanom		Yes
ea8f33c56ac5accf7878d7535a30f90f	vobfus		
eab90c0a9bc633ba988eb4d2db4afe3b	razy	Yes	Yes
eacbac4e23fd838eb80f732afd47fde0	virlock		
eacbac4e23fd838eb80f732afd47fde0	virlock		
ead1104f5935d3112a433277452c5a7a	black	Yes	Yes
eb0399f2ae9e0eaffec544b3a9765221	fareit		
eb04a76d74bf5b1427b3b3b7f551ffe0	cosmu		
ebad029e8e100b60abe951518481f1a0	zbot		Yes
ebad029e8e100b60abe951518481f1a0	zbot		Yes
ebae928bc0051c735d6facdc347511cb	locky	Yes	
ebc17a7fe5a7bfe9bc63242f6ad3c395	downloadshield		
ebc17a7fe5a7bfe9bc63242f6ad3c395	downloadshield		
ebe2ce5209605801f6c6ae5652f91406	delf	Yes	
ebeaf00af21d9c67277c3a31986552e0	sality	Yes	Yes
ec18d3fbcae8106fad7bca375f9ebea0	gamarue	Yes	
ec357f6014dd97ada0b2e56b1ec926b4	SINGLETON	Yes	
ec357f6014dd97ada0b2e56b1ec926b4	SINGLETON	Yes	
ec357f6014dd97ada0b2e56b1ec926b4	SINGLETON	Yes	
ec365e50b533cd725e54c3af95b79170	virlock		
ec37c21bee0dac0192cc5abf61fbe240	virlock	Yes	
ec37c21bee0dac0192cc5abf61fbe240	virlock	Yes	
ecae874ad492a81e5db1fa9438ef6920	gamarue		Yes
ecccd46ed721ca53e7e6b6adc1adc8e5	sality	Yes	Yes
ecd688dd9e434471f800d06347cb2039	fareit		
ecdc4263655497209812de76f9f1837a	zeroaccess		
ecf497a2f84d172c816beebcde071d20	somoto		
ed7e9167141cb289b6a4739d6b8dea26	fareit		
ed8c36d43c3c6a68bc38f58fa5b6f1cf	startsurf		

ee13037d3ed42c559d35039f74285d80	shaosmine		Yes
ee1af63b875db1222280f9d5d557b5d0	cerber	Yes	
ee1af63b875db1222280f9d5d557b5d0	cerber	Yes	
ee4c36ae0b3603abcb84ec2957fe1ee5	sality	Yes	Yes
ee54db84d66536201f01b520bc1c6e00	virlock		
ee6169f88deabbe4e53320a35397a67a	fareit		
ee6eaabcd1882deab34f9e953d4d6ea0	bicololo	Yes	
ee7c77c5be396d7b79816915c8f5d2b3	vobfus		
eeaf0f472cfd1164995449e86af26adb	somoto		
eeb3a91bc9659aa92b50040534215b7a	fareit		
eeb58968d378e119397c8a073e8d39a0	virlock		
eec1bed26097926549ee4153a181ab20	virlock		
eec1bed26097926549ee4153a181ab20	virlock		
eec3b40b88b8fe014a3cf23114f93830	virlock		
eec98087a955fc2acb5dec57d816bc00	ganelp		
eeeddeb7625050fbc68611514361cc20	sality		
ef06ebdd5116bc58cfdf93b854f399c0	virlock		
ef10f7f6f539b03ac5d432a271ab132c	fareit		
ef130ce500fc06ac4ca5c7dc1a8c7a40	somoto		
ef729949be59bafda6cb1872e26de02c	fareit		
ef79b5b018a451cc9b149078186fbfc4	SINGLETON	Yes	
ef98b53ac499b8f77a05cd2d16c1630c	emotet		
ef98b53ac499b8f77a05cd2d16c1630c	emotet		
efbc099ab48c760627f337f958206bf9	fareit	Yes	Yes
efd4458c6074d609aa323146b5aea22d	prepscram		
efe1392c0eddbd64d3fd09bcb9a71052	ramnit		
f07ff40db776afec61c7a48717e85800	autoit	Yes	Yes
f080cf4ad2eeafabc9867138b7884290	fareit		
f081fd8b83dbeb43c82a655ce9de3ce0	sality		Yes
f081fd8b83dbeb43c82a655ce9de3ce0	sality		Yes
f0883add62e3586f4934e26fac533ea0	darkkomet		
f0883add62e3586f4934e26fac533ea0	darkkomet		
f0ae632bb3ebe87d2cd199b0b44442d0	virlock		
f0afe015739cc81bd299c1bcd7628b80	virlock	Yes	
f0b32f642e5e5cef1c223816f777e5b0	virlock		
f0b32f642e5e5cef1c223816f777e5b0	virlock		
f0b7176f7f8bfcc5f4b67b24345011b0	autoit		
f0b7176f7f8bfcc5f4b67b24345011b0	autoit		
f1213938248d0107e124fb42b9785e30	bettersurf		
f151578fac8f8f36a676e52ea0249f50	darkkomet		

f1a406fc9dce3bdb74b78f7bc8eea716	ganelp		
f1ae794f50be84f8bfaeba6a452ae932	sality	Yes	Yes
f2158ae773ca73faf628aa63af3888f0	zbot		
f23bcffa1eb85e402b6f2f6699c194b0	somoto		
f27ff9368110ade443518a2826fb1840	virlock		
f2a2fd67b853e1c0f715f0f03ac4d3e0	dorkbot		Yes
f2f5c3c9d1457777b269d09823490180	virlock		
f332f9b4df4f295c9f489dd3993411b2	fujacks	Yes	Yes
f33f88f6f27429f3b603d67039f9f1df	vobfus		
f3ac8bbdc97873bc7e22c8ead603f980	virlock		
f3d6c1e7133ba9997eacc8d5ead70d20	alman	Yes	
f3f90bc73d78d1f18c349a5692e94ec0	virlock		
f417ffa13749710b39f283b22b028ab0	virut	Yes	Yes
f417ffa13749710b39f283b22b028ab0	virut	Yes	Yes
f435a7c4a2b1615c49f3db91381145bc	SINGLETON	Yes	Yes
f448b9c64e7cff8411b729e4450e1210	virlock		
f4574bc60588d6d6bb8bd74b46ed2320	virlock		
f4574bc60588d6d6bb8bd74b46ed2320	virlock		
f46d2daa482ccaeffe66511471d9f5c7	locky	Yes	Yes
f47218308ceeaaa0790d5cab6273b000	virlock		
f47218308ceeaaa0790d5cab6273b000	virlock		
f49d24139a640ff49c287308ec977de0	viking		
f4ad5ea5e364e97f5fd6cd0c1d2f3ef0	snocry	Yes	
f4cbd19338f58cd6e9e1bde50e018022	sality		Yes
f4ee892c27401a91ac1f2483b9bdff59	reconyc		Yes
f562ab9655ac4711a1cf96afb00da740	somoto		
f56bcc177c511f6186d1c568f0a43940	sality	Yes	Yes
f57452ff7df0a5fffbe486ebc0bf8873	delf		
f61ee7cdc517951723e204919200ee50	virlock		
f62bad622ac1db5b97139a9cf236cec0	darkkomet		Yes
f648300a0a5341ff489afde783d8abc0	virlock		
f667dfc942da3efbfc40d2c4765233d0	dalexis		
f69a227119bb17cf27b4acddb3eb0b6a	sality	Yes	Yes
f69a227119bb17cf27b4acddb3eb0b6a	sality	Yes	Yes
f7454faa85c5be57ca25bff31da21590	sality	Yes	Yes
f7535ee39ccaa9bba8c38772d1e99ffc	sality	Yes	Yes
f7535ee39ccaa9bba8c38772d1e99ffc	sality	Yes	Yes
f757e60f08c65e4bbdfc9ac9768ac8a0	installerex	Yes	
f826002d1d939ac19e2ff16cc601a92d	vobfus		
f84f7e9f08e92cd914a0316916351857	buzus		Yes

f8726140dab4bd4644b7971a4251c7dc	ramnit	Yes	Yes
f8726140dab4bd4644b7971a4251c7dc	ramnit	Yes	Yes
f8726140dab4bd4644b7971a4251c7dc	ramnit	Yes	Yes
f8ad836bbb6fa36f1e8083612f7c6a00	bicololo	Yes	
f8b646b1029950a1a5a0f9bec0c0058f	autoit		
f8c52ebfd108bd8abac216657bcf6cd0	ramnit	Yes	Yes
f8c52ebfd108bd8abac216657bcf6cd0	ramnit	Yes	Yes
f8db6448cac00cc85548d3dbf662f700	virlock		
f905d3cc6fe556351d58275cb3161e60	autoit		
f925795332dff4c675665f6577edef90	virlock		
f925795332dff4c675665f6577edef90	virlock		
f92686d48449dd85ae1debea3f237db0	virlock		
f92686d48449dd85ae1debea3f237db0	virlock		
f938b63032d86fc391cd982f4840d090	sality		Yes
f938b63032d86fc391cd982f4840d090	sality		Yes
f94573e8205591e0b5d88c703db3b898	lolbot		
f955877318da030c8846899e12d912c0	multiplug		
f9abf321c64d3049dad7fb0cc7bec300	autoit		
f9af49c3068c969e83594e1c4e26a24d	SINGLETON	Yes	
f9be350182b7f86b3733e13889e5e930	darkkomet		
fa0dce8e65ec13e87326c26745e73e4a	delf	Yes	
fa282f5127e0f3a56ca369bb925adf6b	SINGLETON	Yes	
fa282f5127e0f3a56ca369bb925adf6b	SINGLETON	Yes	
fa282f5127e0f3a56ca369bb925adf6b	SINGLETON	Yes	
fa3d64c8ee21be2b465f0f1592a8efb0	virlock		
fa3eaf4f35757cc67ccb0c59dfae02d0	sality	Yes	Yes
fa75e8461f1debe245175d61eeb9d563	virut	Yes	Yes
fa87e71362257c52bb8b4046357a9b00	virlock		
fa87e71362257c52bb8b4046357a9b00	virlock		
fa8c294f2b55132ce2abe273daa6462e	delf		Yes
faa5bf2b87cf872d3f759e7444c0d4f0	sality	Yes	Yes
facb3ca4372d53b000969b99707895c0	virlock		
faea27d50c6eab6423acf4cca9837050	hilgild	Yes	
faea27d50c6eab6423acf4cca9837050	hilgild	Yes	
fb24aeac6b1f0c772e9d4ab8adde8740	virlock		
fb24aeac6b1f0c772e9d4ab8adde8740	virlock		
fb2841e253bf4913e61fd575b5bbe3c0	virlock		
fb2841e253bf4913e61fd575b5bbe3c0	virlock		
fb295bd6699d5c633636e86b41d351d0	sality	Yes	Yes
fb555062b4ac695109eefd0c86ae73b0	sality		Yes

fb64fe9c63785e5f348f69ba05d24897	vobfus		
fb6645b7323160103b48b74aded01ba0	virlock		
fb6645b7323160103b48b74aded01ba0	virlock		
fb877071aa8666eeaf8706c2dc0e3050	somoto		
fbb5773faec4ce9ff2e9e51b3c27d16f	SINGLETON	Yes	
fbb5773faec4ce9ff2e9e51b3c27d16f	SINGLETON	Yes	
fbb5773faec4ce9ff2e9e51b3c27d16f	SINGLETON	Yes	
fbbd7faff5a602f519105e26fb7acfa0	dalexis		
fbbdc39af1139aebba4da004475e8839	badrabbit	Yes	
fbd998197ae5121d4ce302d4aee9b910	virlock		
fbf2972b1031b307a050559bab1855e0	sality	Yes	Yes
fbf2c65490c57f15ee79e4e998278eb1	mufanom		Yes
fc0790781df8b8f55a4b814898dece80	sality		Yes
fc11d0517b428c4c24688839080fc420	virlock		
fc169d9b952b7cfa04f8836183763ff0	darkkomet		
fc75e81bcd64fe2b182e7e142cac48e3	lethic		Yes
fc890f979b77dcd0decfbb344d55d7d0	autoit	Yes	Yes
fd155cf9f22b2818983d7a2059866330	virlock		
fd1838548f82955ba34b85dd845620a0	virlock		
fd2a6489883bad5b980bade3357abc80	SINGLETON		Yes
fd2ca0aa3d85d8142b2f5ccf214268f0	virlock		
fd54f3f182b4e2e4b312c1fdfdfc82e0	virlock		
fd54f3f182b4e2e4b312c1fdfdfc82e0	virlock		
fd7b1f606a64aa00e6a7291e16211530	dorkbot	Yes	Yes
fd7b1f606a64aa00e6a7291e16211530	dorkbot	Yes	Yes
fd7b1f606a64aa00e6a7291e16211530	dorkbot	Yes	Yes
fda116ce580b4a32622817bbb479f6f0	virlock		
fe105f00fb941ef42d0856d5740d5383	dnschanger	Yes	Yes
fe105f00fb941ef42d0856d5740d5383	dnschanger	Yes	Yes
fe105f00fb941ef42d0856d5740d5383	dnschanger	Yes	Yes
fe2d1caa2d52000efcd19ea1ea31d254	sload		Yes
fe5c4d6bb78e170abf5cf3741868ea4c	SINGLETON		
feaf9c4aac44591feadeb6b22cb5f5f0	virut		Yes
feaf9c4aac44591feadeb6b22cb5f5f0	virut		Yes
ff10027aa1566e9cd524830dedc35fc0	darkkomet		
ff10027aa1566e9cd524830dedc35fc0	darkkomet		
ff20a5a77ef63aeb9c3ba44bc1849360	opencandy		
ff3af38564c85ccc683858bed81e7300	pcclient		
ff3af38564c85ccc683858bed81e7300	pcclient		
ff427b3558aff46663508d614294a564	barys		Yes

ff48eb1d4d4af76e77cf720d1e05d830	sality	Yes	Yes
ff7bb81150941a11c888d17ac9e87cf0	dycler		
ff851ebcf7f3c43c378708115437f299	vobfus		
ff8e9c668d9bb0460029eaaca75fd498	retefe		
ffb3a77f0944359c884bf15c1cfd7220	darkshell		
ffb4eb8b87745f19309f1649f6252fd0	virlock		
ffbb48a892e555efdc7f28f455272203	popwin		Yes
ffbb48a892e555efdc7f28f455272203	popwin		Yes
ffc48ebf4ef31f2ecc0ec999d70d7890	virlock		
ffd86f4be80eab78e12e4277039992b0	fareit	Yes	