[33mcommit 07273d5dda1853cff233c8b1882ef3a965daa1d2[m[33m ([1;36mHEAD[m[33m, [1;32mmikerecode[m[33m)[m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Fri Jun 21 23:20:36 2019 -0700

    fixed parser issues in jikeparse for multple policies

[33mcommit b141960484fffe4d6891f68f77cef76532ffc147[m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Fri Jun 21 22:50:59 2019 -0700

    recoding IKEv2 to handle multiple policies

[33mcommit efc4333e847a6e90d7667d00505acc877648a71f[m[33m ([m[1;36mHEAD -> [m[1;32mmaster[m[33m)[m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Fri May 31 01:08:26 2019 -0700

    added cpp for SAs

[33mcommit 1402318464550eee1edda19484d5131cefdcca9f[m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Fri May 31 01:06:08 2019 -0700

    fixed make file

[33mcommit 7a08adae4a0f0605aa5764539cb651bd5e68e49f[m[33m ([m[1;33mtag: release-3.0.0[m[33m, [m[1;31morigin/master[m[33m, [m[1;31morigin/HEAD[m[33m)[m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Thu May 30 12:32:26 2019 -0700

    Moved to Crypto++ 8.2.0 final version and fixed missing call to SA base class in four classes

[33mcommit 6cc4ec6b832dc347399228865bad6c7b2566cfe5[m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Thu May 30 12:27:02 2019 -0700

    Moved to Crypto++ 8.2.0 final version and fixed missing call to SA base class in four classes

[33mcommit de1479993f76233ada7e611fc4e5f84d8dfa95ad[m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Tue May 28 10:52:54 2019 -0700

    fixed time reporting in the testbench to report correctly across multiple days

[33mcommit 7977e061a2f6fe23cf0c09ca4733919de39ca327[m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Tue May 28 10:51:46 2019 -0700

    fixed time reporting in the testbench to report correctly across multiple days

  [33mcommit f0685462e4974ead442d4a0e2f852e865be628f3 [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sat May 4 16:11:37 2019 -0700

added switch for ETH_P_IP

[33mcommit 38792f6d94ac0f545967be31365aa1a8a0fd24e1   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sat May 4 08:45:02 2019 -0700

   updated drivers to handle routing headers and ICMP messages

[33mcommit 1d76eb841455f68e815fde6b99f1f0fb04a771fd   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sat May 4 08:31:41 2019 -0700

   updated drivers to look for destination on local network first

[33mcommit e789133abd401398acebeb16b5cd9d7253bf3dd7   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sat May 4 08:29:58 2019 -0700

   updated drivers to look for destination on local network first

[33mcommit f4bad1def826eb8b16baf64786f528fd2db2aca9   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sat May 4 08:28:11 2019 -0700

   updated drivers to look for destination on local network first

[33mcommit 481f97e7bb94e286da8bca91d3011fec689c474b   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Thu May 2 22:42:29 2019 -0700

   added licensing to executables

[33mcommit e4f8d15c430985fe032f769c861186531b3258af   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Tue Apr 30 17:03:46 2019 -0700

   Updated Makefile to fix Latex for overlapping objects

[33mcommit 8d91f3ed1f8c2fdcbb608a3a4db4c188f99518f4   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Tue Apr 30 14:25:38 2019 -0700

   fixed time logging to be cross-platform

[33mcommit 77dc31f549bb8b6432c70db980a035be734a94ff   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Tue Apr 30 13:44:17 2019 -0700

   fixed simulation time to be cross-platform compatible

[33mcommit ce3babd039d653f7a70529b773bda89eed42b1ab   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Apr 28 15:54:23 2019 -0700

fixed ICMP regeneration

   [33mcommit 2261ad6df017add3ffd713e4bf023920482035ef   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Apr 28 15:37:32 2019 -0700

   fixed ICMP regeneration

   [33mcommit e5e75702439e2faa0319827c6480abc64f217108   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Apr 24 20:59:57 2019 -0700

   removed get_prf and get_skseed() from ipsec now using jikeprf, added new parameters to Macsec (enreceive, entransmit, inuse, protectframes), documentation updates

   [33mcommit 5f26ff83e87e1b0ba92363e2c325518413ef185c   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Apr 24 20:23:25 2019 -0700

   removed get_prf and get_skseed() from ipsec now using jikeprf, added new parameters to Macsec (enreceive, entransmit, inuse, protectframes), documentation updates

   [33mcommit 0cfcd06af6ff865ef49277e0b22b8a8876a82d95   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Apr 24 17:49:34 2019 -0700

   removed get_prf and get_skseed() from ipsec now using jikeprf, added new parameters to Macsec (enreceive, entransmit, inuse, protectframes), documentation updates

   [33mcommit 1405d62c4c1e6e8e1e4bc8b999970031732449761   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Apr 24 15:39:43 2019 -0700

   bumped version, removed get_prf and get_skseed() from ipsec now using jikeprf, added new parameters to Macsec (enreceive, entransmit, inuse, protectframes), documentation updates

   [33mcommit 97206a685d53cd826f27e30d51091e6efe604e2b   [m   [33m ([m   [1;33mtag: release-2.5.6   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sat Mar 23 19:45:33 2019 -0700

   fixed memory leak in IKEv2

   [33mcommit e8d81e9b736175b464e9c6d1ba2daeabcfac738f   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Thu Mar 21 23:28:15 2019 -0700

   updated coverage

   [33mcommit 4885685fce6d66ff8e1ef6b341e1b2eb2a480174   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Thu Mar 21 18:52:09 2019 -0700

Updated Makefile

[33mcommit ef3d32dd953f82c79f700f652ad1b6c8065a1ace   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Mar 20 23:38:29 2019 -0700

    added images for IKEv2 payload formats

[33mcommit 4dba44a27130780d37aee8b1ae1dc1d2b07f0fa3   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Mar 20 23:33:38 2019 -0700

    Added conformance vectors for SM4 and POLY1305, coverage updates for corner cases

[33mcommit efb009765be5c47b1406c28a06f9909a25c94988   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Fri Mar 8 01:27:19 2019 -0700

    fixed retry and a parser bug for IKEv2

[33mcommit cc8ff03fea96f5ea9c7b3b43c3272038a1cac96e [m [33m ([m [1;33mtag: release-
2.5.5 [m [33m) [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Thu Feb 28 22:30:30 2019 -0700

    ********* Updated README *********

[33mcommit 21c57154a1e87cdaa559f5b05904c7c7afa69cee   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Thu Feb 28 22:27:18 2019 -0700

    moved to Crypto++ 8.2.0

[33mcommit 347cda39457d4722e83c1d66a22500a4ee0a2841   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sat Feb 16 12:45:33 2019 -0700

    updated protocol++ schema

[33mcommit c659bd5871fd09b1a0235e873bc419a9dc84e0b1   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Feb 4 23:50:21 2019 -0700

    updated to IKEv2, schema, documentation

[33mcommit 4865b8bab6137141ce8abd519bc75f9afe82b37e   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Jan 23 23:39:29 2019 -0700

    debugged jdsa, jrsa, and jecdsa, added them to jikev2

[33mcommit 5716eed703e54a6679f0144c531947fa7c27eede [m [33m ([m [1;32mdev [m [33m) [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Jan 21 21:05:52 2019 -0700

fixed math equations on signature documentation

    [33mcommit 9d19fb8646138423f07d7e8b22f9c40b6007f830   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Jan 21 00:24:59 2019 -0700

    added ECDSA signature protocol

    [33mcommit 4619f8c25d952ee4796c9ba90a1817579f017bd5   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Jan 20 23:12:13 2019 -0700

    bumped version, updated copyright, added signature protocols DSA, RSA

    [33mcommit e7a5a87e438bc873bc7faf6d7e2ebb1bbf35f306   [m [33m ([m [1;32mcheckme2 [m [33m) [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Jan 20 21:30:58 2019 -0700

    added signature classes

    [33mcommit 286a7ee86760e25da90eac5ee571c399c57114c1   [m [33m ([m [1;32mcheckme [m [33m) [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Jan 20 02:06:54 2019 -0700

    updated with set and get functions

    [33mcommit f8337cbc1b1131a21fc58c8af137f266d1cefeaf   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Jan 20 01:54:40 2019 -0700

    added Diffie-Hellman class

    [33mcommit a9614f3c56c1608f304db01169e6817195690fdb   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Jan 16 21:58:48 2019 -0700

    added configuration for privateinternetaccess, fixed delete vs free issue

    [33mcommit e3987e36b1817598df38edd6cf07c6d8b88773f6   [m   [33m ([m   [1;33mtag: release-
2.5.1 [m [33m) [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Jan 6 14:05:04 2019 -0700

    bumped version

    [33mcommit fa881b76c1b1f462d779c377309d1ca4338398ac   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Jan 6 12:45:27 2019 -0700

    moved to tinyxml2 v7.0.1

    [33mcommit 03c9744b889eb439f4103d05f0f7fd36a7f40ee1   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>

Date: Sun Jan 6 11:55:32 2019 -0700

    Moved to Crypto++ 8.0.0

    [33mcommit 8e6a47f636c4ce5546f8ddef1891d810e0cfdb6a   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sat Jan 5 00:49:49 2019 -0700

    fixed auth method in configuration, added notify for features

    [33mcommit 955f85c3ff421c8a9bd63104ccecf915c4d8dbcf   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Fri Jan 4 23:50:38 2019 -0700

    added support for all the authentication methods that are MUST or SHOULD

    [33mcommit 3c9acae8464177da29266e11ee8f3c051e8573a0   [m   [33m ([m   [1;33mtag: release-
2.5.0   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Dec 31 21:31:45 2018 -0700

    added documentation

    [33mcommit d209d84eaf785f69337c4d9a0fbe9bf43d94fe22   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Dec 31 21:20:39 2018 -0700

    updated README

    [33mcommit a955b5991fa15db2c496e8238931e11a4e42a85b   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Dec 31 21:16:29 2018 -0700

    bumped version

    [33mcommit 112418e5a89717c13481fa396a77c90b7f174a71   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Dec 31 21:15:03 2018 -0700

    fixed documentation

    [33mcommit d38285a7eedab1f6b19f0047ffcf1a6b102a35a1   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Dec 31 21:04:20 2018 -0700

    removed extra commands

    [33mcommit c79589eef4c8f8cc7c3b88098a39200b56cc9fd6   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Mon Dec 31 00:51:24 2018 -0700

    split out Diffie-Hellman functions as a separate class, debugged DECAPSULATION, CREATE_CHILD_SA,
beginnings of INFORMATIONAL

[33mcommit 0cb530e179137170ba2c3e174b358c16ae0300b4   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Dec 30 20:01:32 2018 -0700

    fixed direction issue, separated out DH functions, need to fix DECRYPT

[33mcommit 95149b1fd64ec4f925f799bdff9990a6f10c4789   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Thu Dec 27 23:21:16 2018 -0700

    factored out related functions to new classes in IKEv2 to improve modularity and upkeep

[33mcommit d93089137f0cb73ca5af849f0564d48aaa815724   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Dec 26 22:25:33 2018 -0700

    added Specifications

[33mcommit 84cbf44c6001cad5e0a04acc9ca2571050ea07c0   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Wed Dec 26 22:24:53 2018 -0700

    fixed cryptopp700 installation with missing data files

[33mcommit 54cf3bfa09b02a85fda5a4ebcd844b78afd76c83   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Tue Dec 25 00:04:09 2018 -0700

    added Latex images for PDF generation

[33mcommit 8eab332e2f2ee1df82db477b7d3625800627b3f5   [m   [33m ([m   [1;33mtag: release-
2.4.3   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Dec 23 21:39:15 2018 -0700

    updated README and release

[33mcommit 817ccd36c76aa335649c5412b16444b474913d2f   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Dec 23 21:35:17 2018 -0700

    updated documentation, bumped version

[33mcommit c3e7ce9072e717dbf057fd9563b494a849239815   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Dec 23 21:28:30 2018 -0700

    updated schema for IKE to include flags in ESP

[33mcommit 07589e2c22342d9d2d9f0dc55cd764215c26ef03   [m
Author: John Peter Greninger (JPGNetworks, LLC) <jgreninger@hotmail.com>
Date: Sun Dec 23 21:06:19 2018 -0700

    fixed issue with RDRAND

[33mcommit 97c1e453ba6c2418b4c85dbb949cbe52d27ef1d1   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 23 11:32:48 2018 -0700

    added separate salts for IKEv2 security association, added conformance vectors, debugged CCM, GCM, CTR in IKEv2 all are working

   [33mcommit a9090d2cd2587536c92cec3e64cf33ce54477357   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Dec 18 22:04:28 2018 -0700

    new curves to test

   [33mcommit bf4e27336d0eeeec86fa7d141a77b6701cb41e32   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 16 22:53:55 2018 -0700

    debugging of AEAD modes for IKEv2

   [33mcommit 842ea9f8cde7b24d50af6f29767b90f1f8768903   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Dec 15 17:13:46 2018 -0700

    added additional attributes to esp_proposal for TFCLEN, DF, DSCP, RANDIV, and ARWINDOW

   [33mcommit 6a5300fc746a322f2e6812a8039eb3527c001833   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Dec 13 23:24:25 2018 -0700

    split DH out into it's own class, added use_tfc for TFC padding support in IKEv2

   [33mcommit bb34caad615073df2ca4e5b35c060f7a060a6b8b   [m   [33m ([1;36mHEAD   [m   [33m,
   [1;31morigin/master   [m   [33m,   [1;31morigin/HEAD   [m   [33m,   [1;32mmaster   [m   [33m,
   [1;32mdev   [m   [33m)   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Dec 12 00:08:34 2018 -0700

    connection established, CHILD SA not created due to traffic proposal

   [33mcommit 61f30983a45a0852c2138d67ad68a9c54d544a03   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Dec 11 00:37:34 2018 -0700

    fixed some bugs in jmodes for HMAC key size, fixed authentication of packet after encryption, added TFCLEN to IKE configuration, debug

   [33mcommit a272bc9d6156e39cd53a66ffbde9634d3f26a450   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 9 11:59:41 2018 -0700

    working IKEv2 with AES-CBC_SHA256_MODP1024

   [33mcommit 58180af60293cce62dcbcc88613c3333ad2d60ad   [m

Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 2 20:43:36 2018 -0700

   added more iterations to IPSEC

   [33mcommit b62bd7ad6d88984411a7bd05070ce3197ec82b40   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 2 20:30:36 2018 -0700

   fixed CHACHA20

   [33mcommit 8d7081d9cf529e03ee3d121b5f10d4838990e15e   [m   [33m ([1;33mtag: release-
2.4.1   [m   [33m)   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 2 17:58:22 2018 -0700

   bumped version

   [33mcommit 305e7ae0531ca5e6799fc9c3a09d6a04245c40c6   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 2 17:57:09 2018 -0700

   added mudsums

   [33mcommit 2662d1673e8b5479a9688af14dea1b78e70e1daf   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 2 17:55:07 2018 -0700

   updated

   [33mcommit 9ada87950ef5c48528c2abb313cc46c9a3e25dde   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Nov 27 19:25:53 2018 -0700

   updated to lookup security association from key ring

   [33mcommit e4bb338eb00f32c0fb3dd4a5adf23615c8b5253b   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Nov 27 19:20:32 2018 -0700

   updated ring driver to include key ring in appropriate places

   [33mcommit 943aee3fc4a34e0a1d676f712e75ac3435a7ac52   [m   [33m ([1;33mtag: release-2.4.0   [m   [33m)   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Nov 26 22:13:39 2018 -0700

   fixed key ring issues

   [33mcommit 4872910ba73566f1b37e3201bfee0b5e05cb98c3   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Nov 25 03:47:18 2018 -0700

   updated to add back in the randomizer and keyring, kernel seems to be lagging

[33mcommit 98d4f8e5dc1de3f6c78993bad55dd02b8bec9051   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Nov 23 23:41:08 2018 -0700

    removed windows EFS files

[33mcommit ed56e51356d4c16ae303ae637ed432feb6d4312a   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Nov 23 23:37:02 2018 -0700

    added logo with copyright and trademark

[33mcommit 7b833dd09ee33d8c7f36c477360a21549e3818fc   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Nov 23 23:00:59 2018 -0700

    updated release notes

[33mcommit c1fb4fb0c520c786d855c283fedfc2566b8250ec   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Nov 23 22:55:59 2018 -0700

    updated documentation

[33mcommit 6072a0086751253b5a44c061bd519926cb2f79db   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Nov 23 22:33:28 2018 -0700

    Fixed keymat generation, added missing Nonce for AUTH payload, fixed shared secret for AUTH payload, updated
logging for levels

[33mcommit 4e276af3966aadb9d4ba3298660426ff7f230607   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Nov 23 15:51:25 2018 -0700

    added support for parsing all payloads found in RFC7296

[33mcommit 4b8d96597057013baeed56c54ba97571094dddfb   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Nov 23 12:56:22 2018 -0700

    added support for parsing all payloads found in RFC7296

[33mcommit 05a98e64db50ccc5dada3022f51ce86cc67e4792   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Nov 18 13:10:12 2018 -0700

    cleaned up some code

[33mcommit e2034bef77c5cc15c3c2a4bb384421afd507d275   [m   [33m ([1;33mtag:
Nov_18_2018_JPGNetworks   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Nov 18 00:29:34 2018 -0700

fixed a major bug, debugged packet parser in IKE to be more robust (still need a couple payload types)

[33mcommit ffe1851122718ba8ebc5756c1cbc1544c25d9e1c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Nov 13 23:57:41 2018 -0700

added the logger, fixed missing IV in encrypted packet, ICV is failing on remote (using strongswan on remote)

[33mcommit 9567ce88c074eb4421dfb4183214c731eca91c91   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Nov 13 00:11:25 2018 -0700

fixed typos, fixed parsing errors for protected subnets, fixed authentication when key is larger that auth key size, encrypting

[33mcommit fcdf4cd97493bdd97742739ccd979dff37d3b347   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Nov 11 22:19:16 2018 -0700

IKE SA negotiated and created

[33mcommit 13fbd6244e8253a1e450fcb48928e007c5336af5   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Nov 11 03:48:38 2018 -0700

removed unused receive socket

[33mcommit 283e19baac9e606629a250ad4adbcdcdf3b8ed11   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Nov 11 03:47:00 2018 -0700

parsed first received security association

[33mcommit dea79c299c00eea101444645d87fc3fdfd075e55   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Nov 5 22:42:11 2018 -0700

fixed some indentation issues with the XML output, fixed CAMELLIA key size bug after move to CrytpoPP 7.0

[33mcommit 82b090351d856671df75b62926907fbf636913f8   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Nov 1 23:24:38 2018 -0700

debugging of syntax issue in IKEv2

[33mcommit b4ced068487656d38fa6d5e3ffaac34225edd46a   [m   [33m ([1;33mtag: release-2.3.3   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Oct 30 19:02:06 2018 -0700

moved to CryptoPP 7.0 and std::thread, documentation updates

[33mcommit 2304e7bedb95883e277cb52a4d87231011b26bea   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Oct 30 02:44:28 2018 -0700

updates

  [33mcommit 2c5c3b690d531613cf15a61eb2143fbac747002a   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 28 20:41:06 2018 -0700

  updates for IKEv2

  [33mcommit be025ba40c0a7946da2857ccabb9cdd20aa1c08e   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 28 00:51:34 2018 -0700

  updated DH groups parameters

  [33mcommit 1034cffe2157401274784601696c3881c80178e8   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Oct 25 23:25:23 2018 -0700

  added CAMELLIA to IPsec, IKE functioning up to initial packet send, packets look good

  [33mcommit fbeb22a2f946618877316e9d9f1ee91741e74ec3   [m   [33m ([1;33mtag: release-2.3.2   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 21 19:02:35 2018 -0700

  added new images

  [33mcommit cb8521ee53f02ae30946970af254cb3cce3c0dcc   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 21 19:01:13 2018 -0700

  fix for key sizes

  [33mcommit c63ada7f6d25c55df174a82e8e6f594db5649b7e   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 21 00:19:23 2018 -0700

  fixed some compile issues

  [33mcommit bb8e0a59f2c31ab065d4ef90cd71c426b10bf4c5   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Oct 20 21:14:09 2018 -0700

  removed duplicate function

  [33mcommit ac6f403657fdb8ceb9aaee0785a949ec06eef2cc   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Oct 20 02:37:23 2018 -0700

  updated with key management

  [33mcommit c90f52f9e95d18310280a969c1eee3bb1833f173   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Oct 19 00:50:21 2018 -0700

updated version

[33mcommit e48e20b8afd566df9482cdc4bb82253e6c1620ec   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Oct 19 00:28:22 2018 -0700

   updated release notes

[33mcommit 4f9b5f3d3e0090f9bd99b8ed75206425cf0f5622   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Oct 19 00:23:38 2018 -0700

   compiled IKEv2 with support for all ENCR ciphers (including AEAD) and DH curves, updated documentation,
support for multiple connections

[33mcommit 0cede5355241b0388bbb867e881540eeec3a726c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Oct 18 21:26:15 2018 -0700

   updated

[33mcommit 339d0721914a062e310442892ad4a7167b2c07f6   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Oct 16 23:58:03 2018 -0700

   docs update

[33mcommit ec76b83117d1f2ad955f166f757216d1cb6fa15d   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Oct 16 23:56:57 2018 -0700

   debug

[33mcommit 2f6d481605d7ad3ea5deb51735f77c85649b33b9   [m [33m ([1;33mtag: ike_update2 [m [33m) [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Oct 16 01:02:07 2018 -0700

   debug

[33mcommit cbcfbf18f694b634023c129b2d04bac2c58f5143   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 14 23:13:52 2018 -0700

   updates

[33mcommit d0baf5f4071e00ece30f85253e6cce5679eb911b   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 14 21:10:11 2018 -0700

   update

[33mcommit 4055b5527e14e00e207146d8058625fe27b41cbb   [m [33m ([1;33mtag: ike_update [m [33m) [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>

Date: Sat Oct 13 22:53:33 2018 -0700

  updated

  [33mcommit e6ff231ff157857220d8053ae05bc3459fcd7fd4   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Oct 11 23:47:00 2018 -0700

  updated

  [33mcommit 49740f71116d8708f835b148ee879d037bc6bbf2   [m   [33m ([1;33mtag: release-
2.3.0   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 7 17:59:27 2018 -0700

  update

  [33mcommit 2e97862e00d434c6a60fec7198907911c234cf0d   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Oct 7 17:52:24 2018 -0700

  update

  [33mcommit 1c5764be90377a400a172cb3102413f0f60900c0   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Oct 2 22:22:30 2018 -0700

  updated

  [33mcommit a2245411269fd3cba84f7e070e51982c142654f9   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Oct 2 22:19:37 2018 -0700

  updated

  [33mcommit bcf7bb337233f04ce95c215049bf119991bab419   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Oct 1 22:49:11 2018 -0700

  update

  [33mcommit 5e671151f011c171af373445e518bd3e0bf46e35   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Sep 30 22:45:59 2018 -0700

  update

  [33mcommit 0e61c7235f281f6e1d8259307da3468fe65c026e   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Sep 29 21:23:17 2018 -0700

  IKE configuration parser compiling

  [33mcommit 2b7ef2f173b521dd7a00768c0e65ccc3a807f6b9   [m

Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Sep 28 22:27:20 2018 -0700

   update

   [33mcommit f3d991e63f441bb25b9f930fe5ddc1926ee18fab   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Sep 28 20:56:52 2018 -0700

   updated DH parameters with all RFC values but group 31 and 32

   [33mcommit 353288fdfaed771780a4eed526faf620ac77123b   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Sep 26 23:36:28 2018 -0700

   work to parse parameter files

   [33mcommit e8982fe86417e3981c136392ccde26af3042b047   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Sep 26 01:31:01 2018 -0700

   fixes to accept broadcast and reject packets not for this interface

   [33mcommit 41a8d2b01bfe42ba811d9d9bf2ff1ca2b19b51da   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Sep 23 23:56:24 2018 -0700

   fixed gateway lookup of HWADDR

   [33mcommit 648f77c16c9edacebc4e6347ad342f94a3b577b6   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Sep 23 20:22:54 2018 -0700

   updated to included ETHERNET (no MACSEC)

   [33mcommit 0d5c1283f63be7cbaf8be74b534b8f90bb038e5c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Sep 23 19:52:30 2018 -0700

   cleanup

   [33mcommit 8bfadc4205646c040856c8f074825c317134cf6d   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Sep 23 19:40:47 2018 -0700

   removed old documentation

   [33mcommit 2cdf0f0c524a807bfd6a5bab89e8cab10498ca12   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Sep 23 19:39:18 2018 -0700

   updates to discard ethernet packets what are not for the HWADDR

   [33mcommit 4954e2f9a4252395d779f28d2819a48c447646c9   [m

Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Sep 21 00:05:53 2018 -0700

    parser for ikev2 configuration files

    [33mcommit 705b0f07cfb64227f0165c22ca3636a1e60b23d1   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Sep 18 21:49:20 2018 -0700

    fixed memory leak in resend queue of the ring and direct driver

    [33mcommit 1b174780e80512057b6e572e6e96ca1113e702f3   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Sep 17 22:33:06 2018 -0700

    updated drivers to lookup local gateway and additions to jikev2 to computer public keys and verify shared secrets

    [33mcommit b52f552ff53575e8a10a3fd66300d4109cce5b84   [m   [33m ([1;33mtag: release-2.2.0   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Sep 14 22:36:21 2018 -0700

    updated release notes for release-2.2.0

    [33mcommit 38013a79107d768d9e9d03cda494cc8527cbdca6   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Sep 14 22:21:23 2018 -0700

    working and valgrind clean ddriver

    [33mcommit 82d177e20916628d1de2a99af26e22b3427836c3   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Sep 13 22:23:58 2018 -0700

    updated to debug direct driver

    [33mcommit 4058fa85c1ed0f2c398f1506ad20029cb520e735   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Sep 13 00:21:40 2018 -0700

    updated documenation for interface change to ipsec

    [33mcommit 7eb094d821d14bdc9780e6a10c55a89d6a394634   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Sep 14 22:26:34 2018 -0700

    updated README

    [33mcommit 76aff43c786afaf4efcc6d01d508617377df22a7   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Sep 13 00:15:08 2018 -0700

    leak free ring driver, additional IKEv2 work

    [33mcommit 83e4acd907bd204157de4b40972d6e0e7d74162f   [m

Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Sep 8 20:17:25 2018 -0700

    fixed tabs with spaces

    [33mcommit 85fab2f17205715dd4bd7708033eb65478aba7a3   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Sep 8 19:55:59 2018 -0700

    separated SKEYSEED and key material generation in jipsec see documentation, although this is normally done in IKE

    [33mcommit aca2133d138b334ffb0c41a3146e79440389387d   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Sep 8 06:14:33 2018 -0700

    updates for IKEv2 implementation

    [33mcommit d6596012c6f42225053d461294475eae4a526b45   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Sep 4 23:32:32 2018 -0700

    added some work for generating IKEv2 requests

    [33mcommit bf6399d6f370079ab7f2a3f9a491ee12fbf52205   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Sep 3 19:43:33 2018 -0700

    updated documentation

    [33mcommit 575ef6e85dc7825664c4658bf7667d20655f6454   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Sep 2 20:54:09 2018 -0700

    added enums for IKEv2, cleaned up ringdriver, added code to lookup IP addresses and gateway MAC

    [33mcommit a592c631d9b270da2f5a80ab2cc0d155d4b1c22e   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Aug 31 22:56:49 2018 -0700

    removed old documentation

    [33mcommit 29b9ee02a69d159ac604c73201ba3e0156860e39   [m   [33m ([1;33mtag: release-2.1.0   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Aug 31 22:38:31 2018 -0700

    updated for release-2.1.0

    [33mcommit 9336a3c8c977f683a6200de4ee1bd7a89b7a06b7   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Aug 30 21:23:58 2018 -0700

    fixed memory leaks in rdriver and jlogger

[33mcommit f8b0e872ef641cb419163f116fea746edfc8570e   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Aug 28 23:09:19 2018 -0700

    fixes to allow passing both IP address and domain names for destination

[33mcommit 93b2c55bedbb375d543d0b53f7d676b996d9a687   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Aug 26 22:18:29 2018 -0700

    debug of directdrive

[33mcommit 6cbef5fe6d34ef61b88fccc62169f0a2ac02f4f6   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Aug 22 23:41:59 2018 -0700

    updated ringdriver to allow receive to catch up with send

[33mcommit d9d98660f6ef10e7804251c7fcf8571424b359b6   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Aug 19 12:47:45 2018 -0700

    updated with ability to change logging level from the command line in drivers and executables

[33mcommit 444ebecb25d7a9e9d1187a0088a2959ca1525195   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Aug 19 09:56:19 2018 -0700

    reduced logging, added new file_policy, added switches to print to std::cout

[33mcommit 6a2435f4ddfece5b4cd178e127f14f022457d283   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Aug 15 22:55:06 2018 -0700

    working direct driver

[33mcommit 132a69b568e1ef96abf5cc98d124ce4deb639289   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Aug 12 21:29:38 2018 -0700

    updated README and release notes

[33mcommit 39b389240befc19378e5636bba8b926eea4f4046   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Aug 12 21:18:00 2018 -0700

    removed lcov reports

[33mcommit 8387ae3f045ee76a5a476239438b6f95fab92b8d   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Aug 12 21:17:06 2018 -0700

    updates for directdriver

[33mcommit 7b94edeb02b6ba0333097aa26828cfa986e75102   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Aug 12 18:48:55 2018 -0700

   updated documentation

[33mcommit 4bc46447c0ad3d979e2b36647e0f6ee23dffa727   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Aug 12 18:46:06 2018 -0700

   bug fixes for the ring, testbench and responder

[33mcommit 18ab100f89f48b3d9387940326e4f966a24157c9   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Aug 11 01:05:21 2018 -0700

   updated status values

[33mcommit 4427ae799349c0315f68a3fabcae06e800f5e377   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Aug 11 00:30:00 2018 -0700

   working UDP packets in ring driver for both send and receive

[33mcommit 7bb43be465cc1dce3144b062b763071307e00871   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jul 29 23:50:23 2018 -0700

   added checking for socket, send error still

[33mcommit 175f7d5881dae64d961d2122f40539bee8f6e850   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jul 29 15:28:39 2018 -0700

   working send, debugging receive

[33mcommit 5e9c23e07fe0d6fc00fdc070a444a7da8845d102   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Jul 28 23:12:54 2018 -0700

   updates for ring driver, able to open socket with loopback address

[33mcommit a71e6cda7dd4165a7d0f17d5130885be0afabfdd   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Jul 27 22:13:36 2018 -0700

   added new copyright for version 2.0.0

[33mcommit 189a59c8a930910beee64420bf70b259a8bbb0f0   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jul 22 23:17:23 2018 -0700

   updated coverage

[33mcommit 8c2a4457b45c3af3bb47f902fdde52a5c5527967   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Jul 18 18:04:43 2018 -0700

    compiled directdriver

[33mcommit df22d741c7db5187bd0edb499177a277d904a1fd   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Jul 17 21:40:39 2018 -0700

    directdrive driver

[33mcommit 751b93bf6478ff880f6b7e0dd45d45420d951be2   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Jul 17 19:01:51 2018 -0700

    updated ring driver

[33mcommit 3371b408919f562d65501c72750d61d9b0b1abf7   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Jul 17 19:01:19 2018 -0700

    updated ring driver

[33mcommit a489c6e1d947e1bb35ce59c0dc32468312d902b0   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jul 8 13:31:51 2018 -0700

    documentation updates

[33mcommit bf527a33ef3dd04eda94c5c9db433a9117139e8c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Jul 7 16:32:28 2018 -0700

    updated documentation

[33mcommit 8ba6e1ff9d0cdd78853969d78dc0e977fae054ba   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Jun 15 23:46:45 2018 -0700

    added documentation for using template interface for new security associations, debugging new driver

[33mcommit 153b676ad915ade170b1608a8889b743c2cf9e12   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Jun 2 22:59:09 2018 -0700

    updated documentation

[33mcommit b27b05ba396de3f4c8388c67ceda3efc4b4652f1   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Jun 2 22:58:16 2018 -0700

    updated documentation

[33mcommit 42907612fd035b99011f68490ce7e635afef3938   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon May 28 23:52:42 2018 -0700

    fixed last valgrind issue with buffer overrun

[33mcommit 51e0a3a22699b05e8eda07e65d87cc556a801c3b   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon May 28 23:48:04 2018 -0700

    fixes for buffer overrun, last valgrind error in testbench

[33mcommit 33096a6945b7a6177d96ec4ae32c6f82b5c80c86   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat May 26 23:06:58 2018 -0700

    updated with new libraries for release-2.1.0

[33mcommit c6120115301482e1e8ddd42691988a115bd7d9a0   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri May 25 00:04:10 2018 -0700

    fixed missing returns in get_field

[33mcommit 6cbb42601ea961e43ce66fc5d97f6061282f77c2   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon May 21 22:05:43 2018 -0700

    update mudsums

[33mcommit 7767b17111359692bb85121e9c29befbc08e9d0a   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon May 21 21:42:42 2018 -0700

    added elapsed time for simulation, removed testbench memory leaks

[33mcommit 4718784fcf038975535813bfeea7d349b13c188a   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri May 18 07:37:20 2018 -0700

    updated README and mudsums

[33mcommit 76b1df9b1cb545ec44fde33d994409ee4d8ac925   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri May 18 07:33:27 2018 -0700

    updated with tinyxml2 v6.2.0, documentation updates

[33mcommit aeaa9398e78443138adb1d066955fc31a6a3facf   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri May 18 00:06:25 2018 -0700

    updated documentation to include DriverPP

[33mcommit b663effa478e6c3bd7ddc3f9a8577210e2bc76ac   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri May 18 00:01:09 2018 -0700

    updated documentation for tinyxml2 v6.2.0

[33mcommit 1d9adbbf7e536168f2baaa5c86dfb24a533c58c6   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu May 17 23:56:15 2018 -0700

    updated to tinyxml2 v6.2.0

[33mcommit 855675af778fb3aca320e64c0b839d9183c49508   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu May 17 21:27:04 2018 -0700

    fixed some documentation issues and added back CAAM/SEC support

[33mcommit 877569e4a49a3882c70c16cd5633b9d65c8842e8   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu May 17 21:26:37 2018 -0700

    fixed some documentation issues and added back CAAM/SEC support

[33mcommit 7288e37d7ae8b7fe4168d261fe990580dd50f130   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue May 15 01:46:16 2018 -0700

    updated mudsums

[33mcommit e5e43afa7478b3a81c14cd750d244fa62cbfb2ca   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue May 15 01:41:28 2018 -0700

    rebuild for release-2.0.0

[33mcommit 670c6e9f71846dee821e320008567b0df585d9e9   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue May 15 01:16:29 2018 -0700

    fixed post-processing for TLS and IPSEC

[33mcommit 5bdce7a40050e7149fda932d26195a4c1755fb63   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue May 8 03:05:41 2018 -0700

    updated tests

[33mcommit 2fddbc31bbaed86b8fcb310ba7ecfc78b8adde30   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun May 6 23:59:05 2018 -0700

    updated mudsums

[33mcommit fee9e9dae6dcfe071368b54cde5b94bba720817c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun May 6 23:56:09 2018 -0700

    fixed a type made while converting to new security associations

[33mcommit d3651ce11ab04c89465ec0e0f530946818496395   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun May 6 23:26:40 2018 -0700

    fixed typos introduced by conversion to new security associations

[33mcommit c1fc519089430643696b11fe764c8ab0edde5a91   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri May 4 01:11:29 2018 -0700

    updated mudsums

[33mcommit 57a8057db34ee0e4bff3b7c286741e946f09fd70   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri May 4 01:08:43 2018 -0700

    updated README

[33mcommit 6bcbb76ce72671d64d31fd8ae6fcfff5c11fcce7   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri May 4 01:07:15 2018 -0700

    debug and documentation updates for new security associations

[33mcommit 70ceea5be87012873a2079450ee262dc3ec19714   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed May 2 21:30:18 2018 -0700

    updates for new security associations

[33mcommit b5d79c64b79d45b3c644f7364092be060d898e7c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Apr 30 23:16:09 2018 -0700

    fixed some documentation and added back more cppunit tests

[33mcommit 4857dfd960c6b29318e0ac040e15527557e7c360   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Apr 29 23:42:56 2018 -0700

    debug of new secass classes

[33mcommit f94a6d6764f61847e10cb8248115dd3726b44a29   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Apr 26 07:20:44 2018 -0700

    continued debug

[33mcommit 17ed52111363304fe98600870760d123fad0acf4   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Apr 25 23:43:43 2018 -0700

    debug of classes for jsecass while updating cppuint test

[33mcommit a6f218ca7d2cdc5fc20b6dee746a0aac04c0e698   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Apr 23 23:01:15 2018 -0700

    continuing conversion

[33mcommit 63edfa0745c267f800e8e7e53ade834a05d907c4   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Apr 22 19:07:50 2018 -0700

    debug for new secass borecleaner tests

[33mcommit 08b4c67659732b65b68f36bbb23958b2e32779e5   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Apr 22 02:03:53 2018 -0700

    updated documentation

[33mcommit ece0ed16becdc370e1ddb0c7627854bd3776c10f   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Apr 22 02:03:24 2018 -0700

    debugging with new secass classes

[33mcommit 65850664fd3bbe04b42636776d1b2cb3da24cba4   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Apr 20 00:30:41 2018 -0700

    debugged except for last lines of wasp

[33mcommit 1fa57de8662db39472c73d509572f63faa0d9147   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Apr 17 22:40:54 2018 -0700

    fixes for documentation generation

[33mcommit 3366d984a28b84c2c054a24b95b01f632a379854   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Apr 17 22:06:11 2018 -0700

    finished converting to jsecass

[33mcommit 2eabc966bf92622bdc54a437002cbb1e358673e3   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Apr 16 23:08:05 2018 -0700

    updated with TLS secass

[33mcommit dc58c473656de6b7c79ee41968e50d4a6cf78d7c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Apr 15 22:24:05 2018 -0700

    updates for new jsecass and namespace

[33mcommit 0a86b434922312fb27c97880fb42e5b8547f7e24   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Apr 11 23:04:25 2018 -0700

    done converting jwifi

[33mcommit ff0f86f52c4c1f873e57d250d7a30c1a47104b32   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Apr 8 23:35:43 2018 -0700

    finished recoding WASP, updating SRTP

[33mcommit 37e8cef8d64ac6d014ad2556eef615c5df189640   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Apr 7 23:44:18 2018 -0700

    update to wasp.cpp for non-leaky security associations

[33mcommit f233697da56d1a948222662bad74b64b5ea93672   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Apr 4 22:44:16 2018 -0700

    updated responder for new secass

[33mcommit 167083e119b6ecfcc69783f345d61a25a59785d6   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Apr 1 22:12:25 2018 -0700

    finished converting JLTE

[33mcommit 5702779af68e76f63d5ec5e42c26143c58014580   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 31 20:10:19 2018 -0700

    more work on memory leaks

[33mcommit 55f79d5145b2452d381f9521579005800d7361ff   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Mar 26 00:32:10 2018 -0700

    more work on removing memory leaks

[33mcommit 371946302ae0a384a36620b6710114ee23215df2   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Mar 22 21:14:04 2018 -0700

    added jipsecsa

[33mcommit f4f87f331188fe3b7e02df5d6c7fd4bf979c88cb   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Mar 20 23:36:45 2018 -0700

    updated jip with jipsa class and functions

   [33mcommit ed2fa932f61d8d90a875d72782b056bd299f00bf   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Mar 20 23:36:21 2018 -0700

    updated jip with jipsa class and functions

   [33mcommit 2a4ac7346644caca31a068ff420b79e4d063fde2   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Mar 20 00:13:54 2018 -0700

    updates secass

   [33mcommit 4b9c4f57f7a9d65572d10129921101fe1c34f60c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Mar 18 22:08:53 2018 -0700

    adding new security association

   [33mcommit d888d7466a961111766cc19f59b4872460f4e9c3   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Mar 18 19:00:38 2018 -0700

    helper functions for new security association class

   [33mcommit 2442066add3244f4e64f62fd964dc1fd2fb725c8   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Mar 18 18:48:18 2018 -0700

    new base class

   [33mcommit 96682f70463fc2e7ff1875c76e55762289d2971c   [m   [33m ([1;33mtag: release-1.5.0   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 31 20:57:46 2018 -0700

    update for Windows compile

   [33mcommit 7f7dda91b7b7751d3ebf564449c06d591aa89b0f   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 31 20:41:13 2018 -0700

    fixed headers for Windows compile

   [33mcommit 8bd560ab8977f5c765beb9225581fc6d3dc289ec   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Mar 22 22:34:05 2018 -0700

    fix for new image

[33mcommit b45212ea1e7b0111a57b3e04ca7a982f5dad3aa2   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Mar 22 21:41:13 2018 -0700

    updated documentation

[33mcommit 60bd60d2f8600c5c80ca179946cd970cef773b59   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Mar 22 21:39:01 2018 -0700

    fixed version in Doxygen

[33mcommit a4f834dca7fd35e7b72e32501e6fda5bd08f5033   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Mar 22 21:37:16 2018 -0700

    updated release 1.5.0

[33mcommit ae40243232a6cabd67e60fd4890e293d953f644b   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Mar 18 18:00:28 2018 -0700

    added back config.h

[33mcommit a5be703d83e42662d1118c1b7965da98b3f71478   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Mar 18 17:58:28 2018 -0700

    updated version

[33mcommit 1ab1e9fb801c6a23957ec925984ba78c6be6b68f   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 17 18:30:10 2018 -0700

    working namespaces ProtocolPP, InterfacePP, DriverPP, PlatformPP

[33mcommit a828717ce5cf3fb6b59fcf64a7956baba8e54802   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 17 18:26:28 2018 -0700

    working namespaces ProtocolPP, InterfacePP, DriverPP

[33mcommit 0bbe06792400a834201bccdf5f6070f124e5f1a0   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Mar 16 00:27:46 2018 -0700

    namespace debug

[33mcommit 4b3f46d132951025a70ee1696ce69e553e1e3d2a   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Mar 14 23:39:36 2018 -0700

    namespace work, library compiles, test and jbuilder do not

[33mcommit 6aff2a15ace78a04fb03d00da3b7c61c8c9cada6   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Mar 14 19:22:13 2018 -0700

  namespace file

   [33mcommit 54a75d0b2dbaf129457993438e9a25dbd6ce1b7e   [m   [33m ([1;33mtag: release-
1.4.2   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Mar 14 19:18:10 2018 -0700

  removed

   [33mcommit 5c0b244693036c2b1ac6c33803e44d1de5408093   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 3 06:49:14 2018 -0700

  updated mudsums

   [33mcommit 47a7fb04c4ccb73af6d714e6bf3d56cb6079cadf   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 3 06:46:49 2018 -0700

  updated examples

   [33mcommit c9eeeed9a470fb76947306dbffb828e69ee1fa12   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 3 06:39:46 2018 -0700

  updated with static libgcc and libstdc++ builds

   [33mcommit e65c79ccd55fcfa0cadb295dadbece22622383b2   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 3 06:23:02 2018 -0700

  updated with static-link of libgcc and libstdc++

   [33mcommit 8bcaec1233c35b2e53048e97e8741e2218ab9929   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Mar 3 06:22:02 2018 -0700

  updated with static-link of libgcc and libstdc++

   [33mcommit a40782909fd421fd69ce906be39a26811d19a663   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Mar 2 23:29:51 2018 -0700

  compiled with static libc and libc++

   [33mcommit 57186d34a266698e365e3dbdbcde5150d5165cef   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Feb 17 19:13:55 2018 -0700

added missing images

   [33mcommit 124ae7fed0a7b000461c56289955b4377f3b010f   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Feb 17 19:07:05 2018 -0700

   update driver and documentation

   [33mcommit f7df8d8b8bcf91b6da790c138125c1e209a65948   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Feb 12 23:45:00 2018 -0700

   recompile for cryptopp565

   [33mcommit b15f65353bce20cfdf9f3628178d93be8604e2a5   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Feb 9 20:17:28 2018 -0700

   Crypto++ 5.6.5

   [33mcommit 16e59922b2103d8d07f5c97faf38ceedad8a668a   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Feb 7 19:40:12 2018 -0700

   fixed issue in aria where variable names were masking each other

   [33mcommit 5c173e6f78040b9230c13d5028e88a73f4f7b685   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Feb 4 22:53:12 2018 -0700

   changed version

   [33mcommit 2f7e06ed4837f814a0ba054813c40c8855730450   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Feb 4 21:47:10 2018 -0700

   release update

   [33mcommit e3db8ec071f6ed9e1b7867e4473d8e669de62c62   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Feb 4 21:34:25 2018 -0700

   added library paths for different distros

   [33mcommit b67afb2970df48d44985a0c24dc0ca9c9a78087a   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Feb 3 22:37:20 2018 -0700

   update

   [33mcommit ff01176be45d0a2ea6dc7c267e41fba7846921f7   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Feb 3 22:33:39 2018 -0700

moved to Crypto++ 6.0

[33mcommit 3ce286863ce129fa05bf7e590039f7953d814435   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Feb 3 22:31:40 2018 -0700

  reduced code bloat

[33mcommit 4ac7f8cfdd35b09c09aaed0b1941d54eb971e914   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Jan 29 00:31:16 2018 -0700

  mudsum update

[33mcommit 773b30219496cf6829e5510580d9508e5e34a435   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Jan 29 00:30:27 2018 -0700

  rebuild with LTE and RLC debug, copyright updates

[33mcommit 06a7a0969584949f5c72b911b04f7d3b01a2bd1c   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jan 28 22:29:05 2018 -0700

  added second copyright

[33mcommit 1baf3aa180b4c4f44f11e6797c9c68eb4800832d   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jan 28 21:54:34 2018 -0700

  update for 2018 copyright

[33mcommit 135e8f1f77accd52409a6a74b3ab6af68b0e2a28   [m [33m ([1;33mtag: release-1.4.0   [m [33m) [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jan 28 21:12:41 2018 -0700

  i686 and x64 fix in test.cpp

[33mcommit 3ad0c32a72c77bb43ffa5eddd3de5f44a830eb41   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jan 28 18:19:02 2018 -0700

  update for 2018 copyright

[33mcommit a0ebe72cd44ab0ac3fedcea1198bd24003630ba2   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jan 28 18:15:43 2018 -0700

  updated copyright and RLC control plane debug

[33mcommit 62b272f8816fd016038a309fa8697eedb0449abe   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jan 28 18:12:56 2018 -0700

updates for copyright, debug of RLC and LTE for control packets

[33mcommit 24cdbc3fd69ab6dfb5f88369d5da326fce8039fa   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jan 21 23:39:15 2018 -0700

  debug for LTE, still need RLC and ICMP

[33mcommit 3d4be42abf0cac6e411dc3125c43b63c4eca25f8   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sun Jan 21 04:21:43 2018 -0700

  updates for Windows compile

[33mcommit b1c55e08bbafc64d8cf456660aa9fe5056e42a50   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Fri Jan 19 23:20:10 2018 -0700

  added Phantom theme

[33mcommit 76a2fa234c6403d76366fff5a7db1254bc6333a5   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Jan 15 22:09:25 2018 -0700

  coverage updates

[33mcommit ba4aa47277c12dbcda2b3322ced7f3a9e795d478   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Jan 15 12:40:36 2018 -0700

  updates for coverage

[33mcommit 70dbf248f2703cecfc6686e4e89961c160cf77c7   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Jan 15 01:50:08 2018 -0700

  new files for coverage

[33mcommit 9d3f8583451b2215cbd13ae4bc60ad9e549a10af   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Jan 15 01:46:18 2018 -0700

  improved coverage

[33mcommit 1937c965503aa509c5578ca3d49b64a0a2750ccb   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Jan 9 22:20:35 2018 -0700

  updated examples

[33mcommit f29184c10c48d6890e87785cd956d5832c0015e3   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Jan 9 22:17:35 2018 -0700

added mudsums

[33mcommit e3e293c27ed30e3872985bb3ba9eafcd333c9264   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Tue Jan 9 21:57:18 2018 -0700

  debugged issues, now running both random and from generated files

[33mcommit d33a4ff62bcaf5024e7406a519d0fc5dc50a5237   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Jan 4 23:10:53 2018 -0700

  new build

[33mcommit 18df28b6fe945d7781ba12bbba9d05dad6d5c389   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Jan 4 23:06:59 2018 -0700

  fixed some parser issues when writing out the XML file

[33mcommit 20ef5d88a5af85ea4f4263ef388a66a5da37ac1e   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Jan 4 02:50:56 2018 -0700

  updated version

[33mcommit 0d3091148cea11ac5e6164210e7a5982d3588d4a   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Jan 4 02:47:51 2018 -0700

  fixed several parser bugs, overrun in the responder

[33mcommit b5d2688f9fbf97787922098211ba7239959b1736   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Jan 3 06:41:55 2018 -0700

  fix for improperly constrained randomization for IPSec/IP payloads

[33mcommit 7fabab2adfcaf60f4c6571de8568e504517e82c4   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Mon Jan 1 16:37:51 2018 -0700

  fixed several segmentation faults for next header processing and zero length data

[33mcommit a2a0d0eba04de035821c163fbc5d5c354f45dc38   [m   [33m ([1;33mtag: release-1.3.1   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Dec 23 11:10:19 2017 -0700

  updated readme

[33mcommit f5af59d971206da575d2f23f08824adf126ddcd9   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Dec 23 11:07:57 2017 -0700

added libraries

   [33mcommit a4dd4992fda149611a7c5aa3b0b8770ad494fdb9   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Dec 23 11:07:24 2017 -0700

   updated examples, added mudsums file

   [33mcommit 8f17ad1b7332d3492f2662a7f635a7363621df60   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Sat Dec 23 10:50:29 2017 -0700

   updated copyright

   [33mcommit 52e351385c88a09851c5c788381149950301be36   [m   [33m ([1;33mtag: release-
1.3.0   [m   [33m)   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Thu Nov 30 00:08:31 2017 -0700

   update

   [33mcommit 724ce3a3ec9560f59de1b7ceda6ee30883b06c12   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Nov 29 23:50:50 2017 -0700

   updates for bugs

   [33mcommit 56e35b8a91ab11ec673fc78f5f2eec9553da99af   [m
Author: John Peter Greninger (JPGNetworks) <jgreninger@hotmail.com>
Date: Wed Nov 29 23:22:10 2017 -0700

   smaller compile

   [33mcommit 6ce8e90d42d45e8987d0d2ac92547cf2fc99c642   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Nov 29 23:15:02 2017 -0700

   fixes

   [33mcommit fbc308ca6b35be9b128f62f47c611a66a3548fce   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Nov 28 00:23:20 2017 -0700

   fixes for jresponder

   [33mcommit 91ffb6f5a1fe79cca643a8539bb50d253542bd50   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Nov 27 23:35:27 2017 -0700

   fixed status issue for IPV6_NONXT in IP

   [33mcommit 38b06c6fc1040d01aa770c68edc6ebae560340f1   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Nov 27 00:51:22 2017 -0700

documentation updates

   [33mcommit e4b4aed6e1b0356a867276a3088b002431ee2e81   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Nov 27 00:50:51 2017 -0700

   added coverage report

   [33mcommit 50c078da55ca8016074049d336a1ff9f26719c97   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Nov 26 23:40:12 2017 -0700

   doxygen updates for NH processing

   [33mcommit 4320c01dc958812cd52eb0c5ac467c817cbb202b   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Nov 26 23:36:52 2017 -0700

   updates for release-1.3.0

   [33mcommit 776c2762fcaf86e6d15aedeb61d5066f54f7d5fe   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Nov 26 23:14:38 2017 -0700

   updates and fixes for release-1.3.0

   [33mcommit 09f0bdecc4f7e970ad839a4109bf4ed59b457669   [m   [33m ([1;33mtag: release-1.2.7   [m   [33m)   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Oct 27 20:38:49 2017 -0700

   fixed parser bug when reading in *.protpp files that have SRTP

   [33mcommit eb0838fcd6b5e6ab68fec7b3247ea99d030b00ea   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Oct 27 20:18:16 2017 -0700

   fixed parser bug when reading in *.protpp files that have SRTP

   [33mcommit 72341bcfbf8c7cae7c425147c13c451bbb90dadc   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Oct 24 23:10:32 2017 -0700

   fixed parsing error when *.protopp file is read in

   [33mcommit 486e8869acdf814d6aea7d847bef26608bb2833b   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Oct 23 01:21:23 2017 -0700

   added specifications

   [33mcommit b127d6def62a0f05f7d9c70b390ac78dad6e4064   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Oct 23 01:12:39 2017 -0700

fixed various memory leaks, shadow variables

   [33mcommit c8e263b55d04806cdfbac21f10b0164a3f720100   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Sep 20 22:01:24 2017 -0700

    updates for release-1.2.7

   [33mcommit 9ae58a9dea83ebac963255d516da34c742b5ab38   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Sep 20 22:01:05 2017 -0700

    removed --native compile option, re-enabled SFMT randomizer

   [33mcommit 3b9e6c0fcd4bf11c90027c594884fd9d5cc3f114   [m   [33m ([1;33mtag: release-1.2.6   [m   [33m)   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Sep 16 19:56:44 2017 -0700

    fixed AES-CCM PRF generation, removed shared objects for release-1.2.6

   [33mcommit b85f8145b6ecb2fd05057891c5330d44b9cf34a9   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Sep 16 19:53:38 2017 -0700

    fixed AES-CCM PRF generation, removed shared objects for release-1.2.6

[33mcommit 99ece2fafca822a97e4e2825584a9e14ebeaa444[m[33m ([1;33mtag: release-1.2.5[m[33m)[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Sep 14 22:28:19 2017 -0700

    updates

[33mcommit 6797b9ae9c0bf984333a750408f28ef83ab6beb4[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Sep 14 20:55:36 2017 -0700

    updates for release-1.2.5

[33mcommit 2ae6f7dd9765688716412e04bf60d4a7a857bdd1[m[33m ([1;33mtag: release-1.2.4[m[33m)[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Sep 14 20:51:00 2017 -0700

    updates for release-1.2.4

[33mcommit 1fdf84ac695c94fd84747fe52012cda0fb508829[m[33m ([1;33mtag: release-1.2.3[m[33m)[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Aug 27 11:49:09 2017 -0700

    updates for release-1.2.3

[33mcommit 23907f1a576e65dda3bdbd2d5f0953fa79c0c77b[m[33m ([1;33mtag: release-1.2.2[m[33m)[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jul 29 16:15:55 2017 -0700

Linux debug of Windows port

[33mcommit 6a14ad614a5c2502275ef1cde4e0a0215ce5cd71[m[33m ([1;33mtag: release-1.1.1[m[33m)[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jul 22 03:12:49 2017 -0700

    updates examples

[33mcommit 58b74800f6ebca9af49c3d7d97cbce7bee871cb2[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jul 22 03:11:36 2017 -0700

    updates for release-1.1.1

[33mcommit 5d6da4d4aee5a12d33f93bbf73a60fd0006f44bf[m[33m ([1;33mtag: beta-2.6[m[33m)[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Jul 6 23:31:11 2017 -0700

    new examples

[33mcommit f16526ecf4834834a679bc2e58a7aa852485eeed[m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Jul 6 23:30:14 2017 -0700

    added support to pass in address for input and output ring for SEC

  [33mcommit 612cdc059d9fdaab6ef4b80848df1fd3651fdb32   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Jul 6 00:33:38 2017 -0700

    updates for SEC

  [33mcommit 986424123ecb9c360499e39f7d6059595bb110ed   [m   [33m ([1;33mtag: beta-2.5   [m   [33m)   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jul 2 22:38:00 2017 -0700

    updates

  [33mcommit 1afda7fceea75d6f997460b631daa80530f54f16   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jul 2 22:34:14 2017 -0700

    updates

  [33mcommit fa24e9b0e3f001b583c662488ec3ca46adcec6b6   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jul 2 22:28:37 2017 -0700

    added SEC updates, doxygen updates

  [33mcommit 3e82a595286a4e6fac8a89ae41e5b12344c3282c   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jul 2 22:24:58 2017 -0700

updates for SEC platform

[33mcommit fb37a05845d4d8bdfbb3288c2f410cf98a71d2d0 [m [33m ([1;33mtag: beta-2.3 [m [33m) [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jun 28 20:55:27 2017 -0700

    updates

[33mcommit f478ba866bc7ebc11ca1d15c6ea9affe3a38b225 [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jun 28 20:54:13 2017 -0700

    updated examples

[33mcommit feb44c1e24e6c9e0831070d5d28f12ca769e98e2 [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jun 28 20:48:18 2017 -0700

    updates

[33mcommit 72ab0922c0192bb0df17488dcbb462a7aeca56a4 [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jun 28 20:43:47 2017 -0700

    updates

[33mcommit 8b2d3f2ffb57e9001be978abcc4b244a0af1308e [m [33m ([1;33mtag: beta-2.1 [m [33m) [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 19 23:14:25 2017 -0700

    doxygen updates

[33mcommit 317dc4f67d3e94f6056c87c7d237c7f84cd9a54f [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 19 23:07:10 2017 -0700

    updates

[33mcommit e48fee3e3d15be852391d28e5f4b9886e740afc7 [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 19 22:59:52 2017 -0700

    removed submodules

[33mcommit 0f01df78f1ea73ca21884dd63afa27fe0f1d1bd2 [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 19 22:56:34 2017 -0700

    updates

[33mcommit 45ce149102b8d4083bcdbd8ef8cb4b6f4aec3ea1 [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 19 22:53:19 2017 -0700

updates

[33mcommit 2ac2e9f8af897c1e659643b438f83e883da0c08b   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 19 22:50:10 2017 -0700

   updates

[33mcommit af4beb099c52101e19e7fbcfd110033a2e0e5608   [m   [33m ([1;33mtag: beta-2.0   [m   [33m)   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jun 14 11:12:30 2017 -0700

   updates

[33mcommit 2c286eb2b90e9e5f9aeb95244b717c0641fdba6b   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jun 14 09:56:32 2017 -0700

   doxygen updates

[33mcommit 893e7fb558113c7b0e48b096b722f9ae7d43a2b9   [m
Author: John Peter Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jun 14 09:45:06 2017 -0700

   updates to print packet name when there's an error

[33mcommit e7631a3db62d726ee24749162e7113c3580179bc   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Jun 13 10:00:01 2017 -0700

   fixed randomizer to randomize protocol for each pass when a <protocol> object is present

[33mcommit fb427ef87ca8c66ff56c3d927b98485767568aa6   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 12 08:58:56 2017 -0700

   doxygen updates

[33mcommit 43ebbd0eecc8947349b0a03b35547d55be015015   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 12 08:47:50 2017 -0700

   doxygen updates

[33mcommit 3f9008fec367915d1deb8eec9df96b03087a15b9   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jun 12 08:32:03 2017 -0700

   fixed ICMP headers and decap

[33mcommit 8400c04ac1fc5a9179454ce72b9761b08a59b285   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jun 11 23:53:21 2017 -0700

fix for IPv6 extension header parsing in decap

[33mcommit e54a086b66368d67f70c5d4c5fcfa9318599630b [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jun 11 23:44:44 2017 -0700

  updated

[33mcommit 41e474d72b9b5ee8ca8172b4a2beb45758e60ccc [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jun 11 23:44:14 2017 -0700

  fixed decap with extended headers

[33mcommit 53efa18c4761d6a4ea929eecd561c263775ca6a7 [m [33m ([1;33mtag: build-beta-
1.0 [m [33m) [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jun 10 12:30:08 2017 -0700

  updates

[33mcommit 1bfba2bf263716caf1cb38a196f800e73b358756 [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jun 10 12:01:45 2017 -0700

  moved to src

[33mcommit 3149c56abad0a7138d71932700eef7f3ed8b5742 [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jun 10 10:39:00 2017 -0700

  updates for make

[33mcommit bba2ac7c113d0ad45d7129112a03e2398bf49d5a [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Jun 9 12:36:33 2017 -0700

  doxygen updates

[33mcommit 1ad9fb924d5dbb6147977e28df9cdbb5dea95f6e [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Jun 9 12:33:33 2017 -0700

  fixed TLS and WIMAX anti-replay

[33mcommit 7531d008fa29c2d40080af37a466e3f8c36d9a05 [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Jun 9 03:19:48 2017 -0700

  added new window when only arlen is supplied

[33mcommit 71b59e264938717dd21af8f1b1110f8212487b90 [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Fri Jun 9 02:59:06 2017 -0700

    removed some debug code

    [33mcommit 6b521eaebccfcd108f484597923a22a69a5c70de   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Jun 9 00:11:04 2017 -0700

    fixed MACsec decap

    [33mcommit b11bc64e78ecfeef3c211333a77347a69bf92f9b   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Jun 8 15:28:36 2017 -0700

    added this back

    [33mcommit 0434b5a518fee89a75ea9d27f5b342e8b939c70f   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Jun 8 15:23:35 2017 -0700

    fix to allow constructors to make empty replay window, doxygen updates, wasp updates, LTE decap debug

    [33mcommit 3553bd645de34ef2129289201ae5432a2748e544   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jun 4 15:19:36 2017 -0700

    added copyright

    [33mcommit 37524efaeea8f0f4d6242f455f0d48179d895025   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jun 4 15:18:03 2017 -0700

    missing file

    [33mcommit 9f21346c3292de3a3afabb83d76a3a8267076965   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jun 4 15:15:50 2017 -0700

    fixes for headers for control plane in LTE

    [33mcommit ccd02cd7299c173b496198ada87e45947e3fc161   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Jun 2 22:27:41 2017 -0700

    doxygen updates

    [33mcommit a903af5b85b5f56c02542d7e1a4c8833bd023c7e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Jun 2 13:41:26 2017 -0700

    added guard banding to extended header parsing

    [33mcommit bb4e1ad60fb9ef56140005ec864f1142bb876213   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Fri Jun 2 08:39:10 2017 -0700

    code cleanup, JUMBOGRAM format error updates

    [33mcommit a695c2fd560c0f61584540758b59573f68475e4c   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Jun 1 23:16:19 2017 -0700

    doxygen updates

    [33mcommit 901137934a2d9d9a50f06fa748d6d395c60a28d8   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Jun 1 22:57:41 2017 -0700

    doxygen updates

    [33mcommit 32c7963cb1ac70bdd3175a6008fdbc89cc8eec8e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Jun 1 22:54:11 2017 -0700

    added TRANSPORT, debugged RANDIV and TFC PAD in encap to support postprocessing in IPSEC

    [33mcommit 977f5f9b96f54eb88fa317b9aa31da2f8c51e864   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed May 31 12:16:03 2017 -0700

    added copyright notices to *.cpp files

    [33mcommit 9d1f4b4f94c7c76be9d08d9b33f9f3b76065687b   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue May 30 00:20:10 2017 -0700

    updates for unified fields, fix for IPSEC when NH is TCP UDP ICMP or IP to correctly make a valid payload

    [33mcommit 0373b0d2410c096e8379b93934e6b12dd4d24d85   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 28 21:54:35 2017 -0700

    fixes for TCP/UDP checksum after decap in IPSEC

    [33mcommit bff3ced5a8d45dd5ed8dc8cbd8cba6a8077fd12c   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 28 10:30:52 2017 -0700

    updated copyright verbage

    [33mcommit 454a05b367defb918229bad26d74f8773eda3858   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat May 27 19:15:19 2017 -0700

    doxygen updates

    [33mcommit 283466e4b39ef1cbe15e192d7d66f59394bea09e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Sat May 27 18:48:15 2017 -0700

    tightened randomizer for TLS, fixed NULL_CIPHER and NULL_AUTH in TLS

    [33mcommit 2a04b1ef37392e378532fd729ae336063116d0af   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 21 12:21:49 2017 -0700

    fixed jwifi for NULL_CIPHER

    [33mcommit 9d34b78764fd6545e0cfb367990b3e015c6cc466   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat May 20 00:37:29 2017 -0700

    constrained randomization for WIFI a little better

    [33mcommit c4d2c81b6bb4ab5307bc60948c363fa40315f188   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed May 17 18:19:04 2017 -0700

    fixes for SRTP decap nonce construction in CTR mode

    [33mcommit fb2105d13fb8e58cd898a400add79e3809279c50   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue May 16 23:53:58 2017 -0700

    fix

    [33mcommit 56547b3fd617fa3fd102b6c5c6ba4c020a2875a8   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue May 16 23:49:47 2017 -0700

    doxygen updates

    [33mcommit d41974c9693e51d5ffd985a73ecabb63fb20ab95   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue May 16 23:48:26 2017 -0700

    forgot missing initial values

    [33mcommit d612e4003d893f0de105ae763295082ffa861cce   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue May 16 23:45:25 2017 -0700

    additional cleanup

    [33mcommit c1897d7915b0492dcb0b1b91472788c98dde0f81   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue May 16 11:12:40 2017 -0700

    added other extension header formatting

    [33mcommit 77973f9d4be201cf76161ce3568a92e6763dcde5   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Tue May 16 00:38:47 2017 -0700

    updates for next header processing

    [33mcommit 8aa026b4c843e413effcbbd4f5fa981e3d38b6fc   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon May 15 22:14:44 2017 -0700

    fixed small decap bug

    [33mcommit 1ab83368ca8b1ce0577a3cbf4b22401e2206f732   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon May 15 00:24:40 2017 -0700

    doxygen updates

    [33mcommit 6a04a7e755ca2dda44e63b4158438fbd4cbcb0fb   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon May 15 00:23:50 2017 -0700

    fixes for decap in SRTP, fixed missing extension header

    [33mcommit f225e214e3c85c0b48f5999360a4d98f457f1502   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 14 20:19:06 2017 -0700

    fix for srtp

    [33mcommit 38bf58a331fe357e30ceaefa0408c27617d4425d   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 14 18:39:11 2017 -0700

    fixed some randomization issues

    [33mcommit 17bbf775c02cd0aa047ab1acbf98c763eea87c68   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 14 18:37:31 2017 -0700

    updates for testbench

    [33mcommit 6abf259733f0d4a6b918a855ced6df113c4c467d   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 14 18:35:39 2017 -0700

    guard banding

    [33mcommit cdf019b574ed53dafa35721f1e96716b96725864   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu May 11 22:47:17 2017 -0700

    fixes to to_xml() for decap

    [33mcommit 6617922b56dac7f11ecb3ceb2971a2f70b70e643   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Mon May 8 23:50:19 2017 -0700

    additions

    [33mcommit 462873b0b0ae4eb0ed62025339b2e6cc640f8ffe   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon May 8 23:49:52 2017 -0700

    name change

    [33mcommit 5b2b0c570ac0a98cf2030fd04c08b507b86bd3c0   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon May 8 23:46:28 2017 -0700

    updates

    [33mcommit 4ca01e482a9620d49294b04376690831991a50a1   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon May 8 20:51:09 2017 -0700

    added PLATFORM command line option

    [33mcommit b71e36c768c6f52d9c835ea94b4912be4c9d7d18   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 7 23:17:56 2017 -0700

    doxygen updates

    [33mcommit f97c0c5fd0532127c850de6fddad00247a54fb47   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 7 23:17:28 2017 -0700

    updates for TCP decap

    [33mcommit 3253d3dd0bde08bda533a232565c89da2b44edaf   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun May 7 19:44:40 2017 -0700

    updates to logger and remove extra header files

    [33mcommit 4e8e959f8ce795c808fd32dcf30ef2197615e8ac   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon May 1 23:43:04 2017 -0700

    fix to WiMax counter modes

    [33mcommit c8ab9776e62851d484ab0a9e3d2e33235506bf65   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Apr 30 18:18:58 2017 -0700

    guardbanding for SA copy constructor to avoid seg faults

    [33mcommit 8adf4b6fe7d75ad5bc14924df8e2e420865c10cb   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Sun Apr 30 09:44:15 2017 -0700

    fix for copy constructor in jsrtp

    [33mcommit 8e220c855693f4018fa2977935491aaaa4c79bc6   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Apr 30 01:12:21 2017 -0700

    fixed SA copy constructors to make copies of data pointed to by shared pointers

    [33mcommit 605724bfad304077af57bdea1aa8bb6b9ed69634   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Apr 29 22:55:59 2017 -0700

    added postprocessing infrastructor for random IVs and TFC padding

    [33mcommit 3ab5e8b4841cf70142c64fafa748ac59b9810a92   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Apr 29 16:42:42 2017 -0700

    updates for parsing, doxygen, logging

    [33mcommit b08e8d25a5eb290602635cd65338b9c469f80f7e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Apr 28 15:32:23 2017 -0700

    parsing debug for IP, fixed double free for WASP

    [33mcommit 981c3b079952b5f2adff233aec9ec587c7fd15e2   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Apr 26 11:44:17 2017 -0700

    options parsing added for command line

    [33mcommit c589bf46b7170a9dee167686b6a14417a5e0d669   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Apr 23 16:01:42 2017 -0700

    updates for schema

    [33mcommit 96b54adb5d56a5e9d30be23420aa010eda553477   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Apr 22 21:51:28 2017 -0700

    testbench updates

    [33mcommit 2387f40c7f865ed0497b26d2f9b83b8da3fc7f01   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Apr 20 00:25:32 2017 -0700

    copy constructors for security associations

    [33mcommit 13b1a6ef42f42de394df0099a7cf4e176d15ec80   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Fri Apr 14 00:27:15 2017 -0700

updates for testbench

[33mcommit 4ee2485795f5ed567e243b294e99f237704f91af   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Apr 12 22:59:31 2017 -0700

random packets for IPsec have well formed NH packets for IP, TCP, UDP, ICMP

[33mcommit 9193b1e9a14ebf824875b781f787f5d1c193e60e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Apr 8 02:00:22 2017 -0700

doxygen updates, debug of testbench and responder

[33mcommit 4439040aeea74f701f4f8edea2e08e0c3041c96b   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Apr 3 23:22:13 2017 -0700

doxygen update

[33mcommit 29edb458fe554e8ba73820da3c75abdc08d2ebfd   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Apr 3 20:58:34 2017 -0700

added back ivlen in IPsec

[33mcommit 7c9311a1c19b4835319f6cce0a67005a55011329   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Apr 2 21:18:54 2017 -0700

fixed some set/get parameters in Wifi

[33mcommit 459493a32d077924000ec781731c1756d5df5638   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Apr 1 13:38:33 2017 -0700

debug of reading *.ppp *.protpp and generation of packets and flows

[33mcommit b224df2f280c243ec6821fea5472e5a85cba15f6   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Mar 31 19:19:40 2017 -0700

additional full randomization debug

[33mcommit 04e8f71b0c8796a38060517cc802d7b24c398078   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Mar 31 00:32:39 2017 -0700

debug for randomizer after turning on full randomization

[33mcommit 2e715f29b06610a48044c86aa6e85082c0748027   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Wed Mar 29 15:26:28 2017 -0700

    fixes for NULL_CIPHER in JTLS and WASP, doxygen updates

    [33mcommit 1f15a50df6af087ae6000f0083c18e79b2397c26   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 26 19:10:16 2017 -0700

    doxygen updates

    [33mcommit 85f92cd79abdb1a10788e602ec7fe83b51323cf8   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 26 19:04:39 2017 -0700

    refactored m_pkts to use a map to map packets to their associated flow

    [33mcommit cf97519852456f792692a1557cd5105f8ebb8a29   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 26 18:50:59 2017 -0700

    refactored m_pkts to use a map to map packets to their associated flow

    [33mcommit d5f01c8359aa90ed86cedb5d6b9ab918be209ca7   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Mar 25 16:31:22 2017 -0700

    fixed a missing initializer

    [33mcommit 8fb3b5d20d42933ae0b3dc96d112f6b7907c7da0   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Mar 23 16:48:18 2017 -0700

    debugging of testbench and it's components

    [33mcommit 90da027aa24d85bcbf5ed44f5dbd53144e479786   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Mar 23 00:56:58 2017 -0700

    updates

    [33mcommit 540340d9d60b193f14c13758efedb12a285b13ca   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Mar 23 00:27:52 2017 -0700

    fixed an bug, still working on AH

    [33mcommit 022ed9df08e34d0c1c5223fc6443c962fb474f54   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Mar 21 22:53:56 2017 -0700

    doxygen updates, fix to sm3 pointer arithmetic

    [33mcommit 356b3c97e14d31cb5a83697bc75bc8db935cb4ec   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Mon Mar 20 21:25:03 2017 -0700

    doxygen updates

    [33mcommit 7ff014d8fd7216e4e7dc249815f391b9ca05efe0   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Mar 20 21:13:38 2017 -0700

    doxygen updates

    [33mcommit b97f210482852ab5e33bd5c1152da2ef15320246   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Mar 20 21:07:21 2017 -0700

    sm3 conformance debug

    [33mcommit 3ff86a6a39374290b83ea132bc95d81e67d47615   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Mar 20 01:05:29 2017 -0700

    debugged SM3

    [33mcommit 55be531af0af89ca3a6a9e525a17dcafff15bfd0   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Mar 18 19:17:51 2017 -0700

    SM3 code and doxygen update, needs debug

    [33mcommit 8d39155bbbe981680c7363f18b980ea289c5a4b1   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Mar 18 00:30:36 2017 -0700

    Fixed a bug in 15-bit LTE-AES

    [33mcommit bf723743f8ceb630bd581686a37ed42f37e404e4   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Mar 17 13:35:59 2017 -0700

    doxygen updates

    [33mcommit a209ac43afedadbeb68aacbd6d2a4d13d9e634c4   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Mar 17 13:13:06 2017 -0700

    working LTE/RLC debugged and wasp working

    [33mcommit 9e05195484b5cbfe4ced9302751244b8742334ac   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Mar 14 18:11:25 2017 -0700

    doxygen updates

    [33mcommit 525777534288bf67ebed5de5f61ba12cece48a1b   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Tue Mar 14 18:04:12 2017 -0700

    added RLC mode to jlte

    [33mcommit 2de661dcf295dd922badbf2ea3ace2039e7cb20d   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Mar 14 00:17:21 2017 -0700

    working AES-CTR and AES-CMAC for LTE

    [33mcommit 8274aca640cea53f906e10535eb81adb3dea5654   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 12 00:13:33 2017 -0700

    working LTE with doxygen updates

    [33mcommit 32fed761e0b9eee79a563f0277d2b8a5bb06970d   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Mar 9 00:25:36 2017 -0700

    added LTE

    [33mcommit 5c318e1fdefb15d4e8bc60f289bae2fa2c5c30ee   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Mar 7 15:26:04 2017 -0700

    updates for LTE

    [33mcommit b8baa9c40aa00ca838e2913c81346fdd6e304e4d   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Mar 7 10:43:22 2017 -0700

    updated to remove copy constructors

    [33mcommit 7dcc8162b81500f596c019ae477f310c7403b861   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 5 20:47:15 2017 -0700

    fixes for zuc and snow3g to use raw pointers and process the byte inputs directly

    [33mcommit 91cf6b54c11a371ec6069402b05ca965a98b5828   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 5 20:41:42 2017 -0700

    fixes for zuc and snow3g to use raw pointers and process the byte inputs directly

    [33mcommit 857715b051d754bc2905022000319a6bf92516c4   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 5 17:45:38 2017 -0700

    reconfigure zuc and snow3g SBOX and constants

    [33mcommit d374248617a355283e8c2be70e526cfde8b3eaf1   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Sun Mar 5 15:54:25 2017 -0700

    jdata class to hold create data for testbench or driver

    [33mcommit 6dbd1d2c49dc0027ede91afc84c871dadf373fcc   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 5 15:47:03 2017 -0700

    reconfigured chacha20 to remove the structure

    [33mcommit 39c9a58afa6d8cc35ec52cf854ca08ba83114bbf   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Mar 5 12:15:05 2017 -0700

    fixed ARIA for chunking

    [33mcommit 636aa32e49338541c8fa1570ce58ac25f29fa705   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Mar 4 14:53:18 2017 -0700

    updated poly1305 to be able to chunk data

    [33mcommit 32cb996e405e15f245c8f26a06393de79b94b9eb   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Mar 3 22:44:34 2017 -0700

    cleanup and addition of testbench items

    [33mcommit 17769cc158c195c06f4632bb4be87d2e43431e37   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Mar 2 20:24:06 2017 -0700

    cleanup to simplify and remove duplicate code

    [33mcommit e8f9b7f18a6bf0472f7d8dc4d5dc38c90661e428   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Mar 1 15:11:13 2017 -0700

    updated AEAD mode to remove vectors and use byte arrays with raw pointers to improve performance

    [33mcommit a3b63504fda5d2273ed5b83c1b44563f164e9aab   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Mar 1 00:02:25 2017 -0700

    moved aead_chacha20_poly1305 into jmodes

    [33mcommit 9ec93aa6b7cea92fb778f2ee3a7ab56052245eb3   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Feb 24 21:29:13 2017 -0700

    new images for macsec

    [33mcommit 8a58ddc7c78bb8adefb82f3e2f21a40bfc6b9e30   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Fri Feb 24 21:28:32 2017 -0700

    fixed some TLS1.3 bugs

    [33mcommit ad0a5ddf6b952a9b585ea7d37297c24c88da0b26   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Feb 20 22:17:52 2017 -0700

    added method to retrieve roundkeys from aria

    [33mcommit 706d9235a0294548eae03c4972aaec54c166e165   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Feb 20 21:30:08 2017 -0700

    added SM4 cipher

    [33mcommit c65413d8594aa9478d01362d4b3c3a6ef0e93523   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Feb 7 00:46:57 2017 -0700

    doxygen updates

    [33mcommit 78ef92a7d3eb4026144971df909e7c1f70bd3934   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Feb 6 00:55:29 2017 -0700

    doxygen updates

    [33mcommit b6c5a020c2c8cdbe45956021cf492b8bc0160944   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Feb 6 00:45:43 2017 -0700

    updates for reading protpp files and running packets

    [33mcommit 3f6ac9fe88c0119484518b6bc18469c0fa53add8   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Feb 4 00:57:40 2017 -0700

    updates for wasp to print correct direction for protpp files

    [33mcommit 5a20eff9cd5a120197a406e6ddebc029fab1149f   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Feb 1 17:21:15 2017 -0700

    updates for CryptoPP 5.6.5

    [33mcommit b2296dfa937aeb207fc56f615031bb3a9d1bfed2   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jan 30 01:13:58 2017 -0700

    new logo, updated jreplay with function to return seqnum based on type and window

    [33mcommit 07f9b68361d08cf19d9ed34c9d459baaacfdb55e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Sat Jan 28 21:14:38 2017 -0700

    added range interfaces for jrand

    [33mcommit d805b251d3d077da1b83a60d13aceff8eea25fdf   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jan 28 20:44:14 2017 -0700

    updated jwifi to use homegrown GCM/CCM modes

    [33mcommit 0c99a15487b76782e8ca034313fd4f03fda0d310   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jan 28 19:54:16 2017 -0700

    Documentation updates

    [33mcommit 2f95508beeb9c2b1758d637a4751ae5a06b08190   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jan 15 03:02:54 2017 -0700

    updated jrand to use std::mt19937 when compiler is C++11, test updates

    [33mcommit 47b6c5325140f13a376dc07902759beaceca1e50   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jan 8 23:05:27 2017 -0700

    changes m_flows to map to lookup by name

    [33mcommit 76d2166474f2c3b378ea20e5f4ef4c83bea23385   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jan 2 00:18:55 2017 -0700

    added testout directory, GCOV output

    [33mcommit 2a92292b2119880821d3a8a056b1db33403d3adf   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Jan 2 00:15:02 2017 -0700

    fixed parser to support security associations for all protocols

    [33mcommit d33a0c9c9b742a1a217d214cafc2d524c48d5753   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jan 1 00:50:24 2017 -0700

    updates for code coverage

    [33mcommit 9e7343b3b6145e10d6658d2b97d2ba45ff4d6a8e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Dec 24 22:42:38 2016 -0700

    finally got back to macsec, fixed IV creation, added extended packet numbers, added new support to WASP

    [33mcommit 4284ee5d54d84f3bb9981171851fda87d534cd0b   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Sat Dec 24 00:15:43 2016 -0700

   fixed bug when mkidata is not present

   [33mcommit 34dc53b354b46755cef5c0901ca4ff22339829c9   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Dec 4 13:25:36 2016 -0700

   updated TLS with original jmode code with CryptoPP ECB core

   [33mcommit 47783f8e468993fc86f637ac9b6a11e95ca6568d   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Dec 3 21:10:24 2016 -0700

   updates to cppunit test, parsing, sequencing

   [33mcommit 7434162c962cc9c044596e63ea558109b69f23e2   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Nov 15 16:44:14 2016 -0700

   added parsing exception to wasp

   [33mcommit 8037e86ece26722bcfd3ea33c6f8d313a38a3214   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Nov 3 11:36:10 2016 -0700

   doxygen updates, randomization updates

   [33mcommit 508752a50c26ecba507c1d7e2e3c06741a01d26a   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Nov 3 01:31:27 2016 -0700

   removed debug code

   [33mcommit df4a066f92ad2228abffe2804c2380c5f06c22c3   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Nov 3 01:22:50 2016 -0700

   updates for parsing errors due to ENUM conversion

   [33mcommit e4ac0a46285acfcd38f078abfc0e5f97e3d51d92   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Nov 2 01:38:41 2016 -0700

   added security associations for UDP, ICMP, TCP, IP

   [33mcommit 867e99482758e7b867451f7ef647be676eff3d80   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Oct 31 23:29:19 2016 -0700

   still a bug in void pointer of engine

   [33mcommit 8c58fefb4ece5b9c4db7cb82e63f02939fb4bc6e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Mon Oct 31 20:26:28 2016 -0700

    revamp to eliminate m_engines

    [33mcommit d25ba6bd9cd839a51cf3be1333ebbfd5263ff1dd   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Oct 31 14:09:23 2016 -0700

    wasp random test files

    [33mcommit a0a04602ebbef0bd17f420ceff304d4093240388   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Oct 30 19:04:38 2016 -0700

    doxygen updates

    [33mcommit 88c213d8ff66876321f9cf127b48518d4aa1089d   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Oct 30 18:59:47 2016 -0700

    doxygen updates

    [33mcommit a1a7ebc69ee394b88335f0d93db74cc0a8a8a217   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Oct 30 18:57:18 2016 -0700

    doxygen updates and images

    [33mcommit 6c511b6847aeaae1a823601f20a968fefd2d6716   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Oct 30 18:56:06 2016 -0700

    debug of CMAC mode, added random tests for parser

    [33mcommit b62d792104fa0cebbd669a2406057c3631504f48   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Oct 29 23:35:50 2016 -0700

    cleanup

    [33mcommit 69c8852d3230e1223b8fddeca3d19f63ceb33c17   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Oct 29 23:33:20 2016 -0700

    coverage updates

    [33mcommit 0473fe4b4e5b0f07bb91be936a305240acf76e18   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Oct 29 20:29:37 2016 -0700

    updated to reflect standardization of src and dst across all protocols

    [33mcommit 20947bfc1641abbeb29a526b0e9514178825cb6d   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>

Date: Sat Oct 29 20:16:49 2016 -0700

    added schema checking to parser, cleaned up some code

    [33mcommit 7d4a8716a9abe28a233625031821e2a3c77f70db [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Oct 27 01:55:40 2016 -0700

    doxygen updates

    [33mcommit f0f7b5657d2d2b7e5d88884f7d5282b3e37dedc1 [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Oct 25 23:09:04 2016 -0700

    added support for WiGig, fixed bit ordering issues in Wifi, moved all init routines to *.cpp files

    [33mcommit 1d7f932313ebdc66fd35f2084499e6323bd43ba4 [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Oct 20 21:06:26 2016 -0700

    fixed SALT values to be independent of the cipherkey, added AES-CTR with CMAC for Wifi, randomization fixes
for default values in wasp

    [33mcommit 6e9ac97964743c14159fa596520a821b3f3d30ed [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Oct 14 23:59:26 2016 -0700

    added stream class, worked on randomization and parsing as well as testbench interface

    [33mcommit e19977fd7c7b5262699c4de530a052fc817c936a [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Oct 13 23:19:28 2016 -0700

    fixed stream issue during descriptor generation

    [33mcommit 346fb73511babe6e54ba43dc804f06d5d6c1810d [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Oct 8 22:40:19 2016 -0700

    finishing touches to W.A.S.P

    [33mcommit a03d0e8970f4958aaedb6bf24aa68514c47ab7e8 [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Sep 29 20:17:08 2016 -0700

    parser debugged for all protocols with output, needs debug for different modes

    [33mcommit 02b6261251e94c475078e30d8a3671b14591ca02 [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Sep 29 02:12:39 2016 -0700

    parser debug for SRTP

    [33mcommit f04319a8081ea68fda13e77e6c48d5b9abde233a [m

Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Sep 26 02:35:45 2016 -0700

   working parser and generator, needs a little more debug

   [33mcommit c2817c5992974ced96daddbd3ba3dfac5a96dd8b   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Sep 25 21:59:23 2016 -0700

   fixed formatting

   [33mcommit 126f0612082d68115e4bce7f68392fbe48a066d4   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Sep 25 21:57:43 2016 -0700

   added jpacket, added regex to jarray to strip out underscores and whitespace, parser debugging

   [33mcommit 287d10651fa34c0cbeed39433aa76cb29da71a2b   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Sep 23 17:56:20 2016 -0700

   fix for doxygen

   [33mcommit 374bd20bb8762f949920cbc913b398ccf5bb2ee1   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Sep 23 17:44:59 2016 -0700

   updates for front end and doxygen

   [33mcommit 79a2c0a3d361bd0cc5cc3fba285b275d35a607ec   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Sep 13 00:59:12 2016 -0700

   second pass debug front end

   [33mcommit 66e4a066ccb6b7a62f10312ae935a3100aee8506   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Sep 11 22:52:33 2016 -0700

   first pass debug on front end

   [33mcommit 7f5c97f9104b7253c22ba2188433711990ee33f5   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Sep 11 18:14:39 2016 -0700

   updates for front end

   [33mcommit 5fca907c24469c7d34416f41a874e8de9be6b7bb   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Sep 5 21:38:09 2016 -0700

   updates for protocopp interface to use base class for all pointers, doxygen updates, XML parser beginnings

   [33mcommit 78b54998b5bb705097a202ced842da0013a25766   [m

Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Aug 27 20:26:37 2016 -0700

    doxygen updates

    [33mcommit 58095114ce09d91d695f00b3d7dd7576e8cec525   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Aug 27 19:05:23 2016 -0700

    fix for replay, removed multiple copies of HEX

    [33mcommit 4b25fbb40868a9772393610954669aec0921e110   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Aug 27 17:46:30 2016 -0700

    updates to schema for all protocols, enum to randomly choose a value, replay to fix masking issue

    [33mcommit fc4e40e1913d7de64f205235645f659607561ec8   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Aug 24 20:39:41 2016 -0700

    updates for anti-replay

    [33mcommit b12491a3d5ce47d8202134bcfe1d4ffcf6011613   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Aug 23 23:54:15 2016 -0700

    update for replay window

    [33mcommit ed742c1177a1e079d5a4e370163369747a5a7540   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Aug 25 21:13:24 2016 -0700

    doxygen updates

    [33mcommit c1aafd6473b3168f867f89d8e089520af0c70a7e   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Aug 20 15:43:54 2016 -0700

    updated TCP to include the TCP state diagram for setting up sessions

    [33mcommit 4e93566bef4a9453aae5fc55e3dbfaff019c04c2   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Aug 16 23:28:12 2016 -0700

    fixed some memory leaks

    [33mcommit 1792246935769ce1b6dc208135ad14c3d4d1dbdb   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Aug 15 19:29:47 2016 -0700

    fix for anti-replay

    [33mcommit 307e1d386d5c1d810f95e7c8cae14b34b3b0cb09   [m

Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Aug 14 23:47:59 2016 -0700

    added ICMP protocol, fixed documentation, added TTL detection

    [33mcommit f0a7adb9d355d881fbf08040767279f73b989639   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Aug 13 23:22:56 2016 -0700

    update

    [33mcommit 4e642d5dbe74fd40e4d0ac0f2171c943295fc9c3   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Aug 13 23:11:37 2016 -0700

    updated coverage reports

    [33mcommit ce0a39cfe902829707ef0f002d22d0fa6bc10895   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Aug 13 23:06:09 2016 -0700

    added missing images

    [33mcommit efc44f05189697ffcb765222a319a83f5a62acfc   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Aug 13 22:59:18 2016 -0700

    added ICMP protocol support for extension header processing in IPsec, doxygen updates

    [33mcommit 03d42d1fad8fdd6ec6c72c7e143811e02136e9ab   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Aug 12 20:09:37 2016 -0700

    added NAT-T UDP encapsulation

    [33mcommit 6b801a6c61836525b6bbfc03a9da58f70cdf8796   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Aug 12 15:58:05 2016 -0700

    fixes for SRTP header bits

    [33mcommit b6ebed802d23e1ab965a49728f6c3f57cec26be1   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Aug 12 00:23:19 2016 -0700

    added constructors for security associations

    [33mcommit 9d5961ee5c718e8ac661c2795a0f7f1205c94608   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Aug 8 23:13:46 2016 -0700

    doxygen updates, fix to CHACHA20

    [33mcommit 1ab4eed68d2324d1d6aa00f7cba92ae904a7d0cc   [m

Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Aug 4 23:47:11 2016 -0700

    added JUMBOGRAMS, merged some modes, added format checking for IPv6, new audit mode 'FORMAT'

    [33mcommit 1ca783b509f5fbb25057f748c468136c5da9a8e2   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Thu Aug 4 18:56:23 2016 -0700

    not sure but it's a bug

    [33mcommit 055fb2e44d67fdf682592adbce77f77905a48a32   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Aug 3 22:35:05 2016 -0700

    updates for CCM

    [33mcommit 9fd1b2b47af1b1eb2542ee753e748fc0eef25916   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Tue Aug 2 21:54:21 2016 -0700

    updates to add SEED Korean cipher to TLS

    [33mcommit 1e43ed5295676ac409d8afb493ae9a88ac0827f9   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Aug 1 21:10:46 2016 -0700

    doxygen updates

    [33mcommit 4eb0c252eb6df22629fa9f0ad6aaba53e717f1d2   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Mon Aug 1 21:07:36 2016 -0700

    added ARIA to jmodes, TCP/UDP over IPsec

    [33mcommit e3434d6c904b12325906e92f68ad52d38ace62c7   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jul 31 22:14:04 2016 -0700

    added psuedo header computations for TCP/UDP

    [33mcommit ef0c52d7d9a860b6e69a79f3c662861bea96fa80   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jul 31 16:02:46 2016 -0700

    final debug of CCM mode in jmodes, added to ipsec, reduced spacing for debug in jarray

    [33mcommit 5a90b9c25163dbfccc71a83364113ccb4f5bbc12   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jul 30 18:30:44 2016 -0700

    update to the aead_chacha_poly1305 interface

    [33mcommit 04d242def4cd12058df9be33fd7773aab8ef22b3   [m

Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sat Jul 30 18:06:45 2016 -0700

    debug of IPsec AES-XCBC mode, randomized datalen in tests

    [33mcommit 6dc5bcbd9de9a24db32b796dad231c1bb9816672   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Fri Jul 29 21:18:51 2016 -0700

    added new warning

    [33mcommit 0d77f00005bb7659166ec1dde4b1fcc9dbe07438   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jul 27 20:23:45 2016 -0700

    working CCM, added conformance tests for different modes

    [33mcommit 6348cea347d6e7a6c7bb533765e73eca4204912a   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Wed Jul 27 00:19:32 2016 -0700

    CCM mode debug

    [33mcommit 354e6ed3adf970a76879131706786eb33ba26452   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jul 24 22:51:43 2016 -0700

    report updates

    [33mcommit cf1926967cb5fc0c5133d71cc85ca9b3b809f319   [m
Author: John Greninger (JPG Networks) <jgreninger@hotmail.com>
Date: Sun Jul 24 22:39:46 2016 -0700

    added reports

    [33mcommit a3b4348d2bea1bdef8c8fc7040506e0e1d4c37c7   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jul 24 22:11:34 2016 -0700

    added images for doxygen

    [33mcommit a27da654c423d1e575cabcbb00849a02fa27e6ab   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jul 24 22:06:46 2016 -0700

    updates for doxygen

    [33mcommit d29be171a451b9821b707ff82de20782c1ab96ee   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jul 24 18:47:00 2016 -0700

    debug of new GCM mode in jmodes

    [33mcommit 97602fd63682af28220970ae65c96ae8121131f6   [m

Author: jgren <jgreninger@hotmail.com>
Date: Fri Jul 22 00:04:23 2016 -0700

   Debugged GCM in jmodes, fixed debug() in jarray

   [33mcommit 77a9a5a9a00a5cbaf4ffe7f9395e00dfdd2e7b85   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jul 20 22:33:24 2016 -0700

   added missing code to copy header values from outer IPsec to inner IP, still need flags in SA

   [33mcommit d698daaf3178b5bde5bc1a69a7b2317ba0265560   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jul 20 18:54:46 2016 -0700

   debugged AES-XCBC-MAC and added to IPsec

   [33mcommit d3b7f9c76e4a1f69081d84e9382d10831ffdeac1   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jul 19 22:56:46 2016 -0700

   doxygen updates

   [33mcommit 10b83e3254e3aba0ba78818825569f45d4434e3a   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jul 19 22:33:24 2016 -0700

   added AES-XCBC-MAC to jmodes, needs debug for non-block size messages

   [33mcommit 07f79a20710713bc648f0d188a2a60da02fb6f8b   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Jul 18 23:34:23 2016 -0700

   added back non-random IV for IPsec

   [33mcommit 203db4e1dac68e9b3cc83e0c579f343ede5a3eff   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Jul 18 23:32:10 2016 -0700

   added AES-CTR mode to IPsec

   [33mcommit 8540fcae4e21ca7029eee9b009dfb7bcbc4bdedb   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jul 17 22:57:18 2016 -0700

   added Encrypt-then-MAC to TLS, some doxygen updates

   [33mcommit da8a765775ac7ee27a9efa1d989da629e786ddc4   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jul 16 20:16:51 2016 -0700

   removed stand along ARIA files

   [33mcommit b5210da1e909e50390610bdf9768846f80a40356   [m

Author: jgren <jgreninger@hotmail.com>
Date: Sat Jul 16 20:13:54 2016 -0700

    check in of stand alone ARIA files

    [33mcommit 69bdf99d9f559a86596707e7c59dc4d95c189e6f [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jul 16 18:39:20 2016 -0700

    fixed pretty print in jreplay

    [33mcommit a8c8b4442b52432d82873be97c3236b1753a8873   [m
Author: jgren <jgreninger@hotmail.com>
Date: Fri Jul 15 01:44:50 2016 -0700

    updates

    [33mcommit fd4f171f104132d438e49be0c91a57467451c29f   [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jul 14 21:05:32 2016 -0700

    debug of new modes class

    [33mcommit bfae9eb0f1d46772063b83f0e7b219222bfd8a79   [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jul 14 20:53:59 2016 -0700

    updates for guard-banding in modes

    [33mcommit a465bc21ddca1989a99672de686aa3bed136a8a6   [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jul 14 00:36:30 2016 -0700

    work in progress

    [33mcommit f214dfc31539ede14c6e3e25d5418323e2b520bd   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jul 13 21:28:58 2016 -0700

    moving to original modes

    [33mcommit 342c670df2612b84f482a3c736df926baf6af7bb   [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jul 14 00:39:39 2016 -0700

    added logging function for debug

    [33mcommit 897a14a0f4bde80d43d5bb8934cee876d7997b3f [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jul 13 06:56:29 2016 -0700

    removed some unnecessary code in modes

    [33mcommit 5bd89958c9980e0d3181c3e762d66ae2741da998   [m

Author: jgren <jgreninger@hotmail.com>
Date: Tue Jul 12 23:55:36 2016 -0700

    added CCM to modes, added AEAD_CHACHA20_POLY1305

    [33mcommit 30e2ea1d398ffe072a67a71b1405d88ea36cae63   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jul 12 23:51:55 2016 -0700

    added CCM to modes

    [33mcommit efb6a35c51ad88bea1b6e56d4784458d5e4091e4   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jul 12 00:05:43 2016 -0700

    added MODE class for block cipher modes

    [33mcommit 7f1d0f90c84dcddbdfc1b43151ae2ccf0865fddb   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jul 10 23:23:17 2016 -0700

    fix to IV in ARIA code, debugged ARIA-GCM and ARIA-CBC in TLS

    [33mcommit cfa9cb6e5bb6eb748b3120b32518e732b1dbf71b   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jul 10 23:20:44 2016 -0700

    fix to IV in ARIA code, debugged ARIA-GCM and ARIA-CBC in TLS

    [33mcommit f188634f6779125bcffac494484fa26744dd7a8c   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jul 10 16:11:59 2016 -0700

    updates for TLS CHACHA and ARIA

    [33mcommit 07dc68ccdc0b62a7c64d8276ebd7d49422c94f21   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jul 9 21:33:00 2016 -0700

    updates for SRTP-ARIA GCM and CTR

    [33mcommit 172348f70ed05f7110fcff653cf8cbbf50bcfd18   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jul 9 08:53:25 2016 -0700

    updates for SRTP-ARIA mode

    [33mcommit 7ee2e84c30df9ab21dc4f6dd349cd27dfc5e2eef   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jul 9 01:20:58 2016 -0700

    updates for CCM mode

    [33mcommit 9f3eac5ba375fefe75c661e35a8c52a208b0be10   [m

Author: jgren <jgreninger@hotmail.com>
Date: Thu Jul 7 22:38:55 2016 -0700

    updates to ARIA for different modes

    [33mcommit bdf84adfdb4eb8b7363e689b3910d4540cc1fd37   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jul 6 22:26:09 2016 -0700

    debug of ARIA modes, ECB, CBC, CTR working

    [33mcommit 5fd0c1e2ae101bd3ad64974b8b82d32e7557cd00   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jul 5 21:14:46 2016 -0700

    debug of ARIA GCM mode

    [33mcommit a26da7c42295de55fdb30bbc5d850592685d31b1   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Jul 4 23:10:40 2016 -0700

    added AEAD functions for CHACHA20_POLY1305, debug

    [33mcommit eb83bd93a9e99fab9992d817c5c5085c38165a05   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Jul 4 00:43:13 2016 -0700

    debug of AEAD chacha/poly1305 in IPsec and TLS

    [33mcommit 6436202d14e7d9a5055144a24e6f4cc02abc42ae   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jul 2 16:24:41 2016 -0700

    added ARIA and CHACHA suites to TLS

    [33mcommit 9b159b24f736f83d83ee5411f2dd284b33134597   [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jun 30 20:38:40 2016 -0700

    updates for tls authentication

    [33mcommit 7c08437ee940d0c824ec2f4f56c8c25f6ca307c0   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jun 29 08:26:59 2016 -0700

    updated doxygen

    [33mcommit 0e10385ea0ddabbd1cbf0e88af9757329102ff7a   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jun 28 21:45:52 2016 -0700

    debug of TCP/UDP over IP checksum

    [33mcommit a95119ae7420e3d5772b067e9db7a3f40655bebf   [m

Author: jgren <jgreninger@hotmail.com>
Date: Tue Jun 28 20:10:26 2016 -0700

    updates for IPv6 addresses

    [33mcommit 32b2c09a14d0f067c8ab9b0755245a2c8d1a8643   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jun 28 01:25:52 2016 -0700

    updates

    [33mcommit 427213e028d7a476cd3c4fb892c0922b7124cdfc   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jun 28 01:22:55 2016 -0700

    debugged checksums, update for IPv6 addresses

    [33mcommit 8d133e2542265c7244f80f38f0b07c579ac17750   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Jun 27 22:35:46 2016 -0700

    added psuedo header documentation for UPD and TCP

    [33mcommit 474590d488cdfcebacdea514bb08142ab3f81942   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jun 26 23:14:48 2016 -0700

    updates for doxygen

    [33mcommit 7f30e82dae903f2c4a50b8e0d7916c3244885b4e   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jun 26 02:09:28 2016 -0700

    debugged wimax, fixed replay pretty print function

    [33mcommit e3993717c3097a53147cc591c3aa4a3616abb691   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jun 25 01:08:21 2016 -0700

    added wifi to protocolpp interface

    [33mcommit 1718c47889fb01b6bd49ad1d908787be0c58af23   [m
Author: jgren <jgreninger@hotmail.com>
Date: Fri Jun 24 23:35:52 2016 -0700

    updates for anti-replay

    [33mcommit d0074cea3ad7092aa48c14b03db9f56fe626f05f   [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jun 23 23:41:43 2016 -0700

    WiMAX debug, doxygen updates

    [33mcommit f89e35f5d9eda733ca0373bdef03533060f09f00   [m

Author: jgren <jgreninger@hotmail.com>
Date: Thu Jun 23 16:23:14 2016 -0700

    added wifi and wimax with doxygen updates

    [33mcommit c98ce89df05c8931bd19af3a98136b7f6a603b1d   [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jun 23 16:19:08 2016 -0700

    updates for doxygen, wifi working, replay support

    [33mcommit 2ea49434b4c046f64122e3b835c6309637a4c4e0   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jun 22 23:26:00 2016 -0700

    updates to create Poly1305 AAD and key according to RFC7634, updated CHACHA20 interface to pass the counter
    value, updated IPsec to always use a random IV

    [33mcommit f6ea20a6c3796f5cf94241eadde73c7ebf41cd83   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jun 19 21:00:12 2016 -0700

    debug of Wifi and doxygen updates

    [33mcommit 1225372f7eab739e64093bcad967a7d481949ae9   [m
Author: jgren <jgreninger@hotmail.com>
Date: Fri Jun 17 21:34:56 2016 -0700

    doxygen updates for wifi and wimax

    [33mcommit fed659c5cbf37bad0a77a2fa71a98b05e627e829   [m
Author: jgren <jgreninger@hotmail.com>
Date: Fri Jun 17 21:34:15 2016 -0700

    doxygen updates for wifi and wimax

    [33mcommit 63b4a6881ad25962ff72f57940e941cfe57c1691   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jun 14 19:58:20 2016 -0700

    doxygen updates

    [33mcommit 02cd99808352d4c1120013b8e882189be329b51b   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jun 14 19:57:03 2016 -0700

    simplified the interface, added some missing fields

    [33mcommit c00fd28be4b2f3e8081e1d5a46193f86280a0d2c   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Jun 13 21:02:04 2016 -0700

    updates for ciphers interface

[33mcommit 44fc2242fa8bd1775a49a8aca130133bf757f9b8 [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jun 12 23:33:28 2016 -0700

    updates for wrapper to cryptopp engines

[33mcommit ab1ace17973853a57c13c28fce87f15e04c2f051 [m
Author: jgren <jgreninger@hotmail.com>
Date: Fri Jun 10 20:26:46 2016 -0700

    updates

[33mcommit 014d1227ac4595d3d7b885b4932390d0fa85ca1e [m
Author: jgren <jgreninger@hotmail.com>
Date: Fri Jun 10 20:04:21 2016 -0700

    updated TLS with Camellia encryption

[33mcommit ee9aa8124361f01710c54e2695132ecbfb1d3655 [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jun 9 22:34:01 2016 -0700

    debugged GCM and CCM in jtls

[33mcommit 4332bf004ef9d5514b49fd35241b50d414a59a1a [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jun 8 22:43:19 2016 -0700

    updates

[33mcommit 56a8caf3c4d8200667719047a3a862f9dc557094 [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jun 8 21:13:56 2016 -0700

    updates

[33mcommit 23e4434b17efb22f2a16b2ce42e62c3b00a0f600 [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Jun 8 19:12:34 2016 -0700

    fix for zero padlen calculation

[33mcommit 27d185ecd98aae81e827a58b3f3f301a511968c7 [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue Jun 7 22:34:55 2016 -0700

    TLS debug

[33mcommit 5696c6ae055cc0cb7c360b8403a6e3be114b99c8 [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Jun 6 23:38:44 2016 -0700

    TLS debug

[33mcommit fd3de8389b3b3e0ba481a34e465c0e3411dab7e4 [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Jun 6 22:00:45 2016 -0700

    debug for JTLS

[33mcommit a2f8d2bba44548fceb1ef1435648ffa6de789247 [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Jun 5 21:42:46 2016 -0700

    debug of GCM and CCM in IPsec

[33mcommit a29a8b5dc42b3a6a78cce53ba9c8f8d498c7f5e9 [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jun 4 21:06:28 2016 -0700

    doxygen updates

[33mcommit b31ff67e4bcae41f7987a59b882ff4e05a63b5a7 [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jun 4 20:47:16 2016 -0700

    doxygen updates

[33mcommit 30b51f350bdb507aab0ca84df2b1ac37d800c210 [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jun 4 14:23:37 2016 -0700

    doxygen updates for SRTP to add LaTex formulas

[33mcommit 3dac1a791111c320de3aa97c4410a8f0b156f8eb [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Jun 4 12:30:34 2016 -0700

    debugged GCM and CCM modes in SRTP

[33mcommit 9c469aa903659ac11c5eb1f35bc7cc4f35274a0d [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu Jun 2 23:29:04 2016 -0700

    updates to add GCM/CCM to SRTP

[33mcommit bdc1630c0ae0c74c0799aeec46a9c3ff2a413264 [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon May 30 15:19:01 2016 -0700

    doxygen updates

[33mcommit 1d44145f03a5f64037312f9a88fbdccd2555d8af [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon May 30 10:05:29 2016 -0700

    updates for string constructor

[33mcommit 9f2447e6e2df06279d90f6fa5f84fde90c0c4a8f [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon May 30 06:58:49 2016 -0700

    fix for string constructor to allow either encoded or simple strings to be passed

[33mcommit 9782ee9f8eacbdd066e4d0164d9dbcaf6c943c51 [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun May 29 13:54:00 2016 -0700

    added SRTP to test harness

[33mcommit 6af75302060245056dbbf2508a6aed373c8cfbbe [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun May 29 12:12:08 2016 -0700

    debugged SRTP and jarray conversion constructor

[33mcommit 2ba94a061a30452f04f8085fe15b0c817a560ddb [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu May 26 22:20:01 2016 -0700

    Doxygen updates

[33mcommit ffa08ff248a7a7fd74fee8b8067fe3f4f2e8a2a9 [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu May 26 22:14:32 2016 -0700

    SRTP debug

[33mcommit 0a758f8f12b5346a34af332bc8dec41574603b0e [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu May 26 21:45:32 2016 -0700

    updates

[33mcommit 809b6e33064a1244c2267727b6e1017f0cfc6e58 [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu May 26 21:18:31 2016 -0700

    SRTP debug

[33mcommit 100e24330077ddbf5a8656ba3e5fba7975439db4 [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed May 25 22:29:23 2016 -0700

    added SRTP protocol

[33mcommit cf362f963ef1b70d8a6dd4d289d1e6e64b5364c8 [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed May 25 22:07:26 2016 -0700

    added SRTP protocol

[33mcommit 85eb5f3baf5bececccc2570d02e387e9e554fd27   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon May 23 22:24:32 2016 -0700

    updates

[33mcommit 3f98add6dcd19663368d91d64427e38887af30cc   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon May 23 19:51:50 2016 -0700

    makefile for different targets

[33mcommit 55fc1b0889a15f5a39607309abf90995d4b49269   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat May 21 21:03:26 2016 -0700

    fixes for status

[33mcommit 392dd15795b67b82a969aea56cd92a4dac47230c   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat May 21 20:58:18 2016 -0700

    fixes for status

[33mcommit 9de5e1d228623a6649f8ef81dae0db36b1c4f586   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed May 18 23:34:39 2016 -0700

    SImplified interfaces

[33mcommit 37b225c52bf7bf86eb6212f8677a1cd252face9a   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed May 18 23:29:22 2016 -0700

    SImplified interfaces

[33mcommit 511bd346d1a6cbff7c11576c05de8791b0d78cb2   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed May 18 23:28:41 2016 -0700

    SImplified interfaces

[33mcommit 92843b7e508929ab564936334623bf5762672eec   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed May 18 20:40:30 2016 -0700

    Fixed IP to work correctly with templated source and destination

[33mcommit a60d296d88291b941221808b167320b442c22df5   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue May 17 22:05:38 2016 -0700

    FIxed IPsec bug that was writing past the end of the output buffer

[33mcommit c850ad8deedb82725ad17bf386c6b9c5eada5065   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue May 17 20:34:54 2016 -0700

    Added HTML Doxygen

[33mcommit 86f926d0aa8901a93cb7c2021f1d0c6309f20909   [m
Author: jgren <jgreninger@hotmail.com>
Date: Tue May 17 20:07:40 2016 -0700

    Added set/get functions to reduce interface

[33mcommit 58319ca3d76cade0eaa39430299c9b10bf15f41c   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun May 15 22:37:43 2016 -0700

    Added unit testing with cppunit

[33mcommit 6f404e6fb3259e08ec6cee859c1d79dcaf93c16c   [m
Author: jgren <jgreninger@hotmail.com>
Date: Thu May 12 21:50:39 2016 -0700

    Doxygen updates, interface simplifications

[33mcommit 920ecd6ed7d24d38ff402d14711717c1cf994075   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun May 8 14:23:24 2016 -0700

    simpllified protocolpp interface

[33mcommit 564905908c55afbd4f7fedf1260f853c746ddbf1   [m
Author: jgren <jgreninger@hotmail.com>
Date: Wed Mar 23 21:19:44 2016 -0700

    encryption support

[33mcommit b61f6db3c05a09fff5ce0a51d667b5361eb21b53   [m
Author: jgren <jgreninger@hotmail.com>
Date: Mon Mar 21 13:14:54 2016 -0700

    encryption support

[33mcommit 3f555bfa349e289286c9cb5f636189443ffecb9b   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Mar 20 20:12:08 2016 -0700

    Updated copyright

[33mcommit 5e4e1aaa23dca5022d0d9cd211db16ba642b877d   [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Mar 20 18:10:33 2016 -0700

    Updated doxygen

[33mcommit f0ac4bda0df981044d60599a0dc45206c8866f9b [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Mar 19 18:08:47 2016 -0700

    changed some names

[33mcommit 573b5e8ae037ff2da5332cea69a8d0e4b3869b3f [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Mar 19 18:03:36 2016 -0700

    Add POLY1305 and CHACHA20 to TLS

[33mcommit efdea4d465e01f1c96aac9ca63ef4b4870fa35b0 [m
Author: jgren <jgreninger@hotmail.com>
Date: Fri Mar 18 21:13:26 2016 -0700

    Add POLY1305 and CHACHA20 to TLS

[33mcommit 98a533a4a304f0156f5b99560584e6006f4e1120 [m
Author: jgren <jgreninger@hotmail.com>
Date: Fri Mar 18 21:05:47 2016 -0700

    Add POLY1305 and CHACHA20 to TLS

[33mcommit 819131b41c8abeea0bd1fced580c4fc953a33c19 [m
Author: jgren <jgreninger@hotmail.com>
Date: Sun Mar 13 16:26:10 2016 -0700

    Debugged TLS

[33mcommit 9e543cf09ffb0e9c2c383de16f9496b92ab61fa3 [m
Author: jgren <jgreninger@hotmail.com>
Date: Sat Mar 12 23:59:29 2016 -0700

    Debugged TLS

[33mcommit 2d754ae0b76b0517a2591ba06cb77494fee775e1 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Fri Feb 19 03:33:53 2016 -0700

    Added factory class protocolpp

[33mcommit cf9a156e3fd0231fb8b98539d0a822cfc46c2f3c [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Wed Feb 17 21:10:08 2016 -0700

    fixed function toarray write files to include status and convert directly from the input byte

[33mcommit e41e6786495f74616b1b60b58e63860b2381f87d [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Wed Jan 27 00:40:59 2016 -0700

    Added GCM and CCM modes

[33mcommit 79f4b5a842c625198ee923b5eb11d181a65394db [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Tue Jan 26 22:11:29 2016 -0700

    fixed function to write files to include status and convert directly from the input byte array

[33mcommit 3e9c4806c9558342d1de476c07a032bd8199d82f [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Tue Jan 26 22:01:50 2016 -0700

    Added additional modes

[33mcommit 7dbe65b025b9c70d09b756d7e8940c21863af958 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Sun Jan 17 20:34:09 2016 -0700

    fixed function to write files to include status and convert directly from the input byte array

[33mcommit cdbced3cf89f80d9c770fc529e9f20a731c1f1a0[m
Author: John Greninger <jgreninger@mchsi.com>
Date: Sun Jan 17 17:20:57 2016 -0700

    fixed function to write files to include status and convert directly from the input byte array

[33mcommit d6fc2ab665430e2b243b79b76170f1294c6291e1[m
Author: John Greninger <sage4rplg>
Date: Sat Jan 16 23:56:12 2016 -0700

    updated file functions to use shared pointers

[33mcommit f5a62ae89d64f3a266124311e7fcaeaf11826c6a[m
Author: John Greninger <sage4rplg>
Date: Sat Jan 16 22:54:23 2016 -0700

    updated file functions to use shared pointers

[33mcommit 77357717c0605858a2c4f6708e5331458b30c199[m
Author: John Greninger <sage4rplg>
Date: Sat Jan 16 20:46:58 2016 -0700

    fixed bug when writing to file

[33mcommit 971b410d603030e2e3d153e6c3ca75218bb5161a[m
Author: John Greninger <sage4rplg>
Date: Thu Jan 14 23:21:15 2016 -0700

    updated write function for file

[33mcommit 64046c18dc9814b12f162c67e649b6d5e4302436[m
Author: John Greninger <sage4rplg>
Date: Sun Jan 10 01:13:55 2016 -0700

    updated IPsec

[33mcommit 4a42de2e1cd94d67408444308acba33a77a0f8da[m
Author: John Greninger <sage4rplg>
Date: Sun Jan 3 21:50:06 2016 -0700

    update

[33mcommit 8102c4256c5065dc3523356754da9197a66ec529[m
Author: John Greninger <sage4rplg>
Date: Sun Jan 3 21:45:14 2016 -0700

    updated IPsec

[33mcommit eecc0a7064d0467bc502b2a576c456785abe2c6b[m
Author: John Greninger <sage4rplg>
Date: Sat Jan 2 19:26:30 2016 -0700

    updated IPsec

[33mcommit 82b854c021c80e5af2963fe9ce1f798bf0370d02[m
Author: John Greninger <sage4rplg>
Date: Sat Jan 2 19:14:40 2016 -0700

    Added IPsec

[33mcommit 2ffc8e3fe646b8f74a9892da2d8de4275dfa6cfa[m
Author: John Greninger <sage4rplg>
Date: Fri Jan 1 21:50:37 2016 -0700

    Added ZUC and SNOW3G

[33mcommit febcb2576cfc8e8d20ea34f09053700ba46adf83   [m
Author: John Greninger <sage4rplg>
Date: Sun Dec 27 23:08:45 2015 -0700

    updates to add Snow3g because Crypto++ doesn't have it

  [33mcommit da52af1ece54eabec56f6e57a36a6191f3087638   [m
Author: John Greninger <sage4rplg>
Date: Sun Dec 27 22:59:09 2015 -0700

    updates to add Snow3g because Crypto++ doesn't have it

  [33mcommit 488ab205369bb310e1a5777e0913845c7cce951c   [m
Author: John Greninger <sage4rplg>
Date: Fri Dec 11 21:01:52 2015 -0800

    updates

  [33mcommit 69742f7f4a9b3fefe503dddf4207cd1be7292104   [m
Author: John Greninger <sage4rplg>
Date: Sun Dec 6 01:18:44 2015 -0800

    working with libcryptopp linked in

[33mcommit 581372fb65fb80232bb76078f0914f47a0cfd2a7 [m
Author: John Greninger <sage4rplg>
Date: Sat Dec 5 13:13:22 2015 -0800

    MacSec AR debug

[33mcommit cc1c1e347db44d2ecf21c10d66436f87ce278dbc [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Tue Dec 1 01:16:46 2015 -0700

    Doxygen updates

[33mcommit acc33ccbc314ece298c17df80b5c5f4daaca9cf9 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Mon Nov 30 23:37:41 2015 -0700

    code clean up from static analysis

[33mcommit 2a398996d9ee7bd4771c37ab35aecae4528a847b [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Sun Nov 29 20:38:47 2015 -0700

    working macsec

[33mcommit fd07fb9ff56c8fec44e22bf5c2c233a9b310b07f [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Sun Nov 29 01:33:44 2015 -0700

    MACSEC debug

[33mcommit c29e35eee064ce482e0998bbec7687aadd408ff5 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Fri Nov 27 18:22:57 2015 -0700

    added Doxygen configuration file

[33mcommit 111f36bf44d4b7b8eaab1f2aaa5d4fe34acd3511 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Fri Nov 27 00:07:53 2015 -0700

    working with crypto++ linked in

[33mcommit 8e729521eb564c10daab24110ed148bbc109444f [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Thu Nov 26 21:33:45 2015 -0700

    Further debugging

[33mcommit e7317176822fb1e9a9f4d7965e1901baef95434a [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Tue Nov 24 00:08:08 2015 -0700

    anti-replay class

[33mcommit 0d75d0fa4755672cc39841ee0736aab639f746fb [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Mon Nov 23 22:27:44 2015 -0700

  anti-replay class

[33mcommit 9d4a052c945b9ca1a63df270ef7a1482a76118a5 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Sun Nov 22 11:47:42 2015 -0700

  Debugged

[33mcommit d8700030cea94a822e12c2781d76e6776b930432 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Sun Nov 15 00:33:13 2015 -0700

  Debugged

[33mcommit 2914adeb452cb1e3a158125b020028c51c615fc8 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Wed Nov 11 21:27:14 2015 -0700

  Debugged ENUMs

[33mcommit 68df87f67b40f1547ad99b0b5bb7eba1f7e32652 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Wed Nov 11 21:25:28 2015 -0700

  Debugged TCP, UDP, IP

[33mcommit 786469f2225c907b35f51bfa5bb4f9b2c851e1ab [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Mon Nov 2 19:10:32 2015 -0700

  debug

[33mcommit 11a9f5c27f62ecdce6eefc5eda1a8d69de12b42c [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Tue Oct 13 22:29:39 2015 -0700

  updates for move to new laptop

[33mcommit eb0f8c197a7c482647fbaee262459f27ecf4e837 [m
Author: John Greninger <jgreninger@mchsi.com>
Date: Sun Sep 20 15:20:06 2015 -0700

  Initial checkin for jbuilder on new laptop