

#####

Secure Hash Algorithm
Message Digest Length = 512/224

#####

One Block Message Sample

Input Message: "abc"

Initial hash value:

H[0] = 8C3D37C819544DA2
H[1] = 73E1996689DCD4D6
H[2] = 1DFAB7AE32FF9C82
H[3] = 679DD514582F9FCF
H[4] = 0F6D2B697BD44DA8
H[5] = 77E36F7304C48942
H[6] = 3F9D85A86A1D36C8
H[7] = 1112E6AD91D692A1

Block Contents:

W[0] = 6162638000000000
W[1] = 0000000000000000
W[2] = 0000000000000000
W[3] = 0000000000000000
W[4] = 0000000000000000
W[5] = 0000000000000000
W[6] = 0000000000000000
W[7] = 0000000000000000
W[8] = 0000000000000000
W[9] = 0000000000000000
W[10] = 0000000000000000
W[11] = 0000000000000000
W[12] = 0000000000000000
W[13] = 0000000000000000
W[14] = 0000000000000000
W[15] = 0000000000000018

| | A/E | B/F | C/G | D/H |
|-------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| t= 0: | 9F8617B9DCE5AAD2 E606D304F5742303 | 8C3D37C819544DA2 0F6D2B697BD44DA8 | 73E1996689DCD4D6 77E36F7304C48942 | 1DFAB7AE32FF9C82 3F9D85A86A1D36C8 |
| t= 1: | 39EEF9EA0D97D0E7 ED6A8CE6AC02AE3B | 9F8617B9DCE5AAD2 E606D304F5742303 | 8C3D37C819544DA2 0F6D2B697BD44DA8 | 73E1996689DCD4D6 77E36F7304C48942 |
| t= 2: | 9F956BCC32F99C4B E7C4F75F0018AB16 | 39EEF9EA0D97D0E7 ED6A8CE6AC02AE3B | 9F8617B9DCE5AAD2 E606D304F5742303 | 8C3D37C819544DA2 0F6D2B697BD44DA8 |
| t= 3: | 624C8289051D5B40 93C0EDD577EF4338 | 9F956BCC32F99C4B E7C4F75F0018AB16 | 39EEF9EA0D97D0E7 ED6A8CE6AC02AE3B | 9F8617B9DCE5AAD2 E606D304F5742303 |
| t= 4: | 8445DB53436C52F8 E5662EE45E149450 | 624C8289051D5B40 93C0EDD577EF4338 | 9F956BCC32F99C4B E7C4F75F0018AB16 | 39EEF9EA0D97D0E7 ED6A8CE6AC02AE3B |
| t= 5: | 9873F29F683128C8 0B843D2CDE075711 | 8445DB53436C52F8 E5662EE45E149450 | 624C8289051D5B40 93C0EDD577EF4338 | 9F956BCC32F99C4B E7C4F75F0018AB16 |
| t= 6: | 134D4DD913EC29E7 CACE421FD59538B6 | 9873F29F683128C8 0B843D2CDE075711 | 8445DB53436C52F8 E5662EE45E149450 | 624C8289051D5B40 93C0EDD577EF4338 |
| t= 7: | 6A01F4E5758D5A14 73EA4F37F91D77F0 | 134D4DD913EC29E7 CACE421FD59538B6 | 9873F29F683128C8 0B843D2CDE075711 | 8445DB53436C52F8 E5662EE45E149450 |
| t= 8: | 0B9D8BDA33530FA3 A64384D872C70950 | 6A01F4E5758D5A14 73EA4F37F91D77F0 | 134D4DD913EC29E7 CACE421FD59538B6 | 9873F29F683128C8 0B843D2CDE075711 |
| t= 9: | 2C961F00E387DF1D AC79A3FFDAC317FC | 0B9D8BDA33530FA3 A64384D872C70950 | 6A01F4E5758D5A14 73EA4F37F91D77F0 | 134D4DD913EC29E7 CACE421FD59538B6 |
| t=10: | 78953995DD54A904 5FF1DE02C59C17E6 | 2C961F00E387DF1D AC79A3FFDAC317FC | 0B9D8BDA33530FA3 A64384D872C70950 | 6A01F4E5758D5A14 73EA4F37F91D77F0 |
| t=11: | 82A6A4ED5164390E 3A6E6AED341206D2 | 78953995DD54A904 5FF1DE02C59C17E6 | 2C961F00E387DF1D AC79A3FFDAC317FC | 0B9D8BDA33530FA3 A64384D872C70950 |
| t=12: | 6528AFE0F531B8D9 | 82A6A4ED5164390E | 78953995DD54A904 | 2C961F00E387DF1D |

| | | | | |
|-------|--|---|--|--|
| t=13: | AF77A75BBF7964C9 206C69B0295CAE2F 3CA059F97E654F98 | 3A6E6AED341206D2 6528AFE0F531B8D9 A77A75BBF7964C9 | 5FF1DE02C59C17E6 82A6A4ED5164390E 3A6E6AED341206D2 | AC79A3FFDAC317FC 78953995DD54A904 5FF1DE02C59C17E6 |
| t=14: | DB71F51BE96E76D1 340B10ABC4B10E09 | 206C69B0295CAE2F 3CA059F97E654F98 | 6528AFE0F531B8D9 AF77A75BBF7964C9 | 82A6A4ED5164390E 3A6E6AED341206D2 |
| t=15: | A69AF3FA50F71091 6C6A7EF25668BBB4 | DB71F51BE96E76D1 340B10ABC4B10E09 | 206C69B0295CAE2F 3CA059F97E654F98 | 6528AFE0F531B8D9 AF77A75BBF7964C9 |
| t=16: | F57D3A111596E3F7 483FD5187E05AF83 | A69AF3FA50F71091 6C6A7EF25668BBB4 | DB71F51BE96E76D1 340B10ABC4B10E09 | 206C69B0295CAE2F 3CA059F97E654F98 |
| t=17: | 37F983BB8545A2F2 22CB500B1745C86F | F57D3A111596E3F7 483FD5187E05AF83 | A69AF3FA50F71091 6C6A7EF25668BBB4 | DB71F51BE96E76D1 340B10ABC4B10E09 |
| t=18: | 6AB7291DC27CE806 CC2D9DA4800A1393 | 37F983BB8545A2F2 22CB500B1745C86F | F57D3A111596E3F7 483FD5187E05AF83 | A69AF3FA50F71091 6C6A7EF25668BBB4 |
| t=19: | 8E50B25D469759C2 50193786D52F5194 | 6AB7291DC27CE806 CC2D9DA4800A1393 | 37F983BB8545A2F2 22CB500B1745C86F | F57D3A111596E3F7 483FD5187E05AF83 |
| t=20: | 3041190F76AD53DF 746F4B17026AA6ED | 8E50B25D469759C2 50193786D52F5194 | 6AB7291DC27CE806 CC2D9DA4800A1393 | 37F983BB8545A2F2 22CB500B1745C86F |
| t=21: | D37D93454B59A769 3792AA4013809C0F | 3041190F76AD53DF 746F4B17026AA6ED | 8E50B25D469759C2 50193786D52F5194 | 6AB7291DC27CE806 CC2D9DA4800A1393 |
| t=22: | 28E37AB968D3F5E5 936E64805412DE7D | D37D93454B59A769 3792AA4013809C0F | 3041190F76AD53DF 746F4B17026AA6ED | 8E50B25D469759C2 50193786D52F5194 |
| t=23: | 05799053E5D280FD BD8F22E3B3312F05 | 28E37AB968D3F5E5 936E64805412DE7D | D37D93454B59A769 3792AA4013809C0F | 3041190F76AD53DF 746F4B17026AA6ED |
| t=24: | A24BC13A743FCBCE CD7C3D09944BE7B6 | 05799053E5D280FD BD8F22E3B3312F05 | 28E37AB968D3F5E5 936E64805412DE7D | D37D93454B59A769 3792AA4013809C0F |
| t=25: | 1EABC1C5C3A2CDEA 27A2534198BE3EFB | A24BC13A743FCBCE CD7C3D09944BE7B6 | 05799053E5D280FD BD8F22E3B3312F05 | 28E37AB968D3F5E5 936E64805412DE7D |
| t=26: | 471543A4179B22FE A849D4C8E1909347 | 1EABC1C5C3A2CDEA 27A2534198BE3EFB | A24BC13A743FCBCE CD7C3D09944BE7B6 | 05799053E5D280FD BD8F22E3B3312F05 |
| t=27: | 887298E1C82038F7 536496733A17ADD7 | 471543A4179B22FE A849D4C8E1909347 | 1EABC1C5C3A2CDEA 27A2534198BE3EFB | A24BC13A743FCBCE CD7C3D09944BE7B6 |
| t=28: | 42FE965258B7E0EC A37AD4727F2FB6A7 | 887298E1C82038F7 536496733A17ADD7 | 471543A4179B22FE A849D4C8E1909347 | 1EABC1C5C3A2CDEA 27A2534198BE3EFB |
| t=29: | B251E1018FD0C473 D4A476A812ED33C2 | 42FE965258B7E0EC A37AD4727F2FB6A7 | 887298E1C82038F7 536496733A17ADD7 | 1EABC1C5C3A2CDEA 27A2534198BE3EFB |
| t=30: | DDDD91CB1FDBFD41 04986D7E3FD773AE | B251E1018FD0C473 D4A476A812ED33C2 | 42FE965258B7E0EC A37AD4727F2FB6A7 | 887298E1C82038F7 536496733A17ADD7 |
| t=31: | 4AA9D15BCE3FB9F 53C83C436C1A8C55 | DDDD91CB1FDBFD41 04986D7E3FD773AE | B251E1018FD0C473 D4A476A812ED33C2 | 42FE965258B7E0EC A37AD4727F2FB6A7 |
| t=32: | 063BE3A3BA1F925C EB8227C63C6143AB | 4AA9D15BCE3FB9F 53C83C436C1A8C55 | DDDD91CB1FDBFD41 04986D7E3FD773AE | B251E1018FD0C473 D4A476A812ED33C2 |
| t=33: | 0BA0D71206B4CE72 672DE7D3FD6CE274 | 063BE3A3BA1F925C EB8227C63C6143AB | 4AA9D15BCE3FB9F 53C83C436C1A8C55 | DDDD91CB1FDBFD41 04986D7E3FD773AE |
| t=34: | 344234B9E239CFBD 38893650766BED56 | 0BA0D71206B4CE72 672DE7D3FD6CE274 | 063BE3A3BA1F925C EB8227C63C6143AB | 4AA9D15BCE3FB9F 53C83C436C1A8C55 |
| t=35: | 8C098B89A7906A73 A7B9698E7EDB54BD | 344234B9E239CFBD 38893650766BED56 | 0BA0D71206B4CE72 672DE7D3FD6CE274 | 063BE3A3BA1F925C EB8227C63C6143AB |
| t=36: | C5A836CC05300A0C BC35E565541C0486 | 8C098B89A7906A73 A7B9698E7EDB54BD | 344234B9E239CFBD 38893650766BED56 | 0BA0D71206B4CE72 672DE7D3FD6CE274 |
| t=37: | CDFE2808D45E7924 8B500635C180CC3B | C5A836CC05300A0C BC35E565541C0486 | 8C098B89A7906A73 A7B9698E7EDB54BD | 344234B9E239CFBD 38893650766BED56 |
| t=38: | EDC87E1B480C8A77 F309D755002EF931 | CDFE2808D45E7924 8B500635C180CC3B | C5A836CC05300A0C BC35E565541C0486 | 8C098B89A7906A73 A7B9698E7EDB54BD |
| t=39: | 13D3A842A45159E7 6D9958CC3F974B68 | EDC87E1B480C8A77 F309D755002EF931 | C5A836CC05300A0C BC35E565541C0486 | 8C098B89A7906A73 A7B9698E7EDB54BD |
| t=40: | 17AA585EACBB1D8C A62EFC64B5A504C7 | 13D3A842A45159E7 6D9958CC3F974B68 | 17AA585EACBB1D8C A62EFC64B5A504C7 | 8B500635C180CC3B CDFE2808D45E7924 |
| t=41: | 7BCD6230B77F244A 543AA84578643C3A | 17AA585EACBB1D8C A62EFC64B5A504C7 | 7BCD6230B77F244A 543AA84578643C3A | 8B500635C180CC3B CDFE2808D45E7924 |
| t=42: | BE63D26279808C58 5D1D742D663F17BE | 7BCD6230B77F244A 543AA84578643C3A | A62EFC64B5A504C7 BE63D26279808C58 | 8B500635C180CC3B CDFE2808D45E7924 |
| t=43: | C6F1FBBEEDA32F8E D83E6A094C606812 | BE63D26279808C58 5D1D742D663F17BE | C6F1FBBEEDA32F8E D83E6A094C606812 | 8B500635C180CC3B CDFE2808D45E7924 |
| t=44: | 6346F580DD1CEC37 5BE7E65BC706B684 | C6F1FBBEEDA32F8E D83E6A094C606812 | 6346F580DD1CEC37 5BE7E65BC706B684 | 8B500635C180CC3B CDFE2808D45E7924 |
| t=45: | 0C618B0042ADC22E BA9737EA9A33D1D4 | 6346F580DD1CEC37 5BE7E65BC706B684 | 0C618B0042ADC22E BA9737EA9A33D1D4 | 8B500635C180CC3B CDFE2808D45E7924 |
| t=46: | BF9E3A882B0B4301 FCAE077AAC5CF59 | 0C618B0042ADC22E BA9737EA9A33D1D4 | BF9E3A882B0B4301 FCAE077AAC5CF59 | 8B500635C180CC3B CDFE2808D45E7924 |
| t=47: | 586A3D84D04FD482 | BF9E3A882B0B4301 | 586A3D84D04FD482 | 8B500635C180CC3B CDFE2808D45E7924 |

| | | | | |
|-------|--|---|---|--|
| t=48: | 45F48765CE6A2794 5B2A6269DAF95602 68B8F9BE61FCFCE0 | FCAE077AAC5CF59 586A3D84D04FD482 45F48765CE6A2794 | BA9737EA9A33D1D4 BF9E3A882B0B4301 FCAE077AAC5CF59 | 5BE7E65BC706B684 0C618B0042ADC22E BA9737EA9A33D1D4 |
| t=49: | 5CF5F4502BB65B08 038E7DBE733DDC71 | 5B2A6269DAF95602 68B8F9BE61FCFCE0 | 586A3D84D04FD482 45F48765CE6A2794 | BF9E3A882B0B4301 FCAE077AAC5CF59 |
| t=50: | DBB34340CCBA2D51 3107BE9653EA4652 | 5CF5F4502BB65B08 038E7DBE733DDC71 | 5B2A6269DAF95602 68B8F9BE61FCFCE0 | 586A3D84D04FD482 45F48765CE6A2794 |
| t=51: | 903B6E3D2CFDFA75 13DD1F6DC423ED9D | DBB34340CCBA2D51 3107BE9653EA4652 | 5CF5F4502BB65B08 038E7DBE733DDC71 | 5B2A6269DAF95602 68B8F9BE61FCFCE0 |
| t=52: | 22F68588F55C8E62 A6B45F7216FF1A92 | 903B6E3D2CFDFA75 13DD1F6DC423ED9D | DBB34340CCBA2D51 3107BE9653EA4652 | 5CF5F4502BB65B08 038E7DBE733DDC71 |
| t=53: | AF6B1C8DFE414C86 00384D2ED96AE437 | 22F68588F55C8E62 A6B45F7216FF1A92 | 903B6E3D2CFDFA75 13DD1F6DC423ED9D | DBB34340CCBA2D51 3107BE9653EA4652 |
| t=54: | BDCB5AC728279AB9 768B77A7A84E1FDF | AF6B1C8DFE414C86 00384D2ED96AE437 | 22F68588F55C8E62 A6B45F7216FF1A92 | 903B6E3D2CFDFA75 13DD1F6DC423ED9D |
| t=55: | AAB7B27B1CE5D524 C4E802298CE15481 | BDCB5AC728279AB9 768B77A7A84E1FDF | AF6B1C8DFE414C86 00384D2ED96AE437 | 22F68588F55C8E62 A6B45F7216FF1A92 |
| t=56: | 983A35EE537826F0 0BE7B3FE43EB3463 | AAB7B27B1CE5D524 C4E802298CE15481 | BDCB5AC728279AB9 768B77A7A84E1FDF | AF6B1C8DFE414C86 00384D2ED96AE437 |
| t=57: | C2C9007B1BE9CF4D 397E5321BD27DD2E | 983A35EE537826F0 0BE7B3FE43EB3463 | AAB7B27B1CE5D524 C4E802298CE15481 | BDCB5AC728279AB9 768B77A7A84E1FDF |
| t=58: | 1A0FCFF62C67E0A5 BECEA5B070FDDE4B | C2C9007B1BE9CF4D 397E5321BD27DD2E | 983A35EE537826F0 0BE7B3FE43EB3463 | AAB7B27B1CE5D524 C4E802298CE15481 |
| t=59: | E7D763B06CC2AC34 5744D273C1F38773 | 1A0FCFF62C67E0A5 BECEA5B070FDDE4B | C2C9007B1BE9CF4D 397E5321BD27DD2E | 983A35EE537826F0 0BE7B3FE43EB3463 |
| t=60: | 486F4BADA8CB4D96 6616508EA2133B34 | E7D763B06CC2AC34 5744D273C1F38773 | 1A0FCFF62C67E0A5 BECEA5B070FDDE4B | C2C9007B1BE9CF4D 397E5321BD27DD2E |
| t=61: | DC6770B956F0F055 970988E60D971C48 | 486F4BADA8CB4D96 6616508EA2133B34 | E7D763B06CC2AC34 5744D273C1F38773 | 1A0FCFF62C67E0A5 BECEA5B070FDDE4B |
| t=62: | 5F7CE563832894E8 650678F827F7701F | DC6770B956F0F055 970988E60D971C48 | 486F4BADA8CB4D96 6616508EA2133B34 | E7D763B06CC2AC34 5744D273C1F38773 |
| t=63: | C32DC022E5937D1B 395087939EBDBDD1 | 5F7CE563832894E8 650678F827F7701F | DC6770B956F0F055 970988E60D971C48 | 486F4BADA8CB4D96 6616508EA2133B34 |
| t=64: | FEE659ED0008B0EE C24F9D75EB91E085 | C32DC022E5937D1B 395087939EBDBDD1 | 5F7CE563832894E8 650678F827F7701F | E7D763B06CC2AC34 5744D273C1F38773 |
| t=65: | A732EB36834C074A 09A466D6CD127E9D | FEE659ED0008B0EE C24F9D75EB91E085 | C32DC022E5937D1B 395087939EBDBDD1 | 5F7CE563832894E8 650678F827F7701F |
| t=66: | 5B1682F0AF0FF6A6 DA56B1B76183E9D1 | A732EB36834C074A 09A466D6CD127E9D | FEE659ED0008B0EE C24F9D75EB91E085 | C32DC022E5937D1B 395087939EBDBDD1 |
| t=67: | A71757CE29CD6B61 30ABC3DB21388EDB | 5B1682F0AF0FF6A6 DA56B1B76183E9D1 | A732EB36834C074A 09A466D6CD127E9D | FEE659ED0008B0EE C24F9D75EB91E085 |
| t=68: | 8202AB6393E0A6D7 4EDBCB450C9D68A5 | A71757CE29CD6B61 30ABC3DB21388EDB | 5B1682F0AF0FF6A6 DA56B1B76183E9D1 | A732EB36834C074A 09A466D6CD127E9D |
| t=69: | 6508770A9E741395 6B4F58DE06441A41 | 8202AB6393E0A6D7 4EDBCB450C9D68A5 | A71757CE29CD6B61 30ABC3DB21388EDB | 5B1682F0AF0FF6A6 DA56B1B76183E9D1 |
| t=70: | F7C52916A6830F3F 55F85F28969F648B | 6508770A9E741395 6B4F58DE06441A41 | 8202AB6393E0A6D7 4EDBCB450C9D68A5 | A71757CE29CD6B61 30ABC3DB21388EDB |
| t=71: | 061595A1758E4E5C D94F8C3E0A2F60A9 | F7C52916A6830F3F 55F85F28969F648B | 6508770A9E741395 6B4F58DE06441A41 | 8202AB6393E0A6D7 4EDBCB450C9D68A5 |
| t=72: | D5368734187ECCB A8C792C91D097031 | 061595A1758E4E5C D94F8C3E0A2F60A9 | F7C52916A6830F3F 55F85F28969F648B | 6508770A9E741395 6B4F58DE06441A41 |
| t=73: | F338848E621D9D09 9769EC0E9A73A2BD | D5368734187ECCB A8C792C91D097031 | F338848E621D9D09 9769EC0E9A73A2BD | F7C52916A6830F3F 55F85F28969F648B |
| t=74: | 86A48D31E4F7A2E6 019AA3BCBEBBCD10 | F338848E621D9D09 9769EC0E9A73A2BD | 86A48D31E4F7A2E6 019AA3BCBEBBCD10 | F7C52916A6830F3F 55F85F28969F648B |
| t=75: | 8DFF4C4DDF36D9E2 67523326ED58C22B | 86A48D31E4F7A2E6 019AA3BCBEBBCD10 | 8DFF4C4DDF36D9E2 67523326ED58C22B | F7C52916A6830F3F 55F85F28969F648B |
| t=76: | D6EB4F969D4CF40A 054704D916035D9D | 8DFF4C4DDF36D9E2 67523326ED58C22B | D6EB4F969D4CF40A 054704D916035D9D | F7C52916A6830F3F 55F85F28969F648B |
| t=77: | F03D357829EF4D22 FDDF88A8DFF1FD36 | D6EB4F969D4CF40A 054704D916035D9D | F03D357829EF4D22 FDDF88A8DFF1FD36 | F7C52916A6830F3F 55F85F28969F648B |
| t=78: | 66CDBC9BC2B6E0C B3953BA10977D31A | F03D357829EF4D22 FDDF88A8DFF1FD36 | 66CDBC9BC2B6E0C B3953BA10977D31A | F7C52916A6830F3F 55F85F28969F648B |
| t=79: | B9F6EF4757271CB2 12446E230B3B76AC | 66CDBC9BC2B6E0C B3953BA10977D31A | B9F6EF4757271CB2 12446E230B3B76AC | F7C52916A6830F3F 55F85F28969F648B |

H[0] = 8C3D37C819544DA2 + B9F6EF4757271CB2 = 4634270F707B6A54
H[1] = 73E1996689DCD4D6 + 66CDBC9BC2B6E0C = DAAE7530460842E2
H[2] = 1DFAB7AE32FF9C82 + F03D357829EF4D22 = 0E37ED265CEEE9A4
H[3] = 679DD5145829F9CF + D6EB4F969D4CF40A = 3E8924AAF57C93D9

H[4] = 0F6D2B697BD44DA8 + 12446E230B3B76AC = 21B1998C870FC454
H[5] = 77E36F7304C48942 + B3953BA10977D31A = 2B78AB140E3C5C5C
H[6] = 3F9D85A86A1D36C8 + FDDF88A8DFF1FD36 = 3D7D0E514A0F33FE
H[7] = 1112E6AD91D692A1 + 054704D916035D9D = 1659EB86A7D9F03E

Message Digest is

4634270F
707B6A54 DAAE7530 460842E2 0E37ED26 5CEEE9A4 3E8924AA

=====
Two Block Message Sample

Input Message:
"abcdefghijklmnopghijklfghijklmghijklmnoijklmnopjklmnopqklmnopqrlmnopqrsnopqrstu"

=====
Initial hash value:

H[0] = 8C3D37C819544DA2
H[1] = 73E1996689DCD4D6
H[2] = 1DFAB7AE32FF9C82
H[3] = 679DD514582F9FCF
H[4] = 0F6D2B697BD44DA8
H[5] = 77E36F7304C48942
H[6] = 3F9D85A86A1D36C8
H[7] = 1112E6AD91D692A1

=====
Block Contents:

W[0] = 6162636465666768
W[1] = 6263646566676869
W[2] = 636465666768696A
W[3] = 6465666768696A6B
W[4] = 65666768696A6B6C
W[5] = 666768696A6B6C6D
W[6] = 6768696A6B6C6D6E
W[7] = 68696A6B6C6D6E6F
W[8] = 696A6B6C6D6E6F70
W[9] = 6A6B6C6D6E6F7071
W[10] = 6B6C6D6E6F707172
W[11] = 6C6D6E6F70717273
W[12] = 6D6E6F7071727374
W[13] = 6E6F707172737475
W[14] = 8000000000000000
W[15] = 0000000000000000

| | A/E | B/F | C/G | D/H |
|-------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| t= 0: | 9F86179E424C123A E606D2E95ADA8A6B | 8C3D37C819544DA2 0F6D2B697BD44DA8 | 73E1996689DCD4D6 77E36F7304C48942 | 1DFAB7AE32FF9C82 3F9D85A86A1D36C8 |
| t= 1: | 533141CB525091B9 48B022A85133E95D | 9F86179E424C123A E606D2E95ADA8A6B | 8C3D37C819544DA2 0F6D2B697BD44DA8 | 73E1996689DCD4D6 77E36F7304C48942 |
| t= 2: | E9CF7C4D67D20354 57425F1189DC982C | 533141CB525091B9 48B022A85133E95D | 9F86179E424C123A E606D2E95ADA8A6B | 8C3D37C819544DA2 0F6D2B697BD44DA8 |
| t= 3: | A5ADFE61082B9ABD 9848CEBCCFD84FEA | E9CF7C4D67D20354 57425F1189DC982C | 533141CB525091B9 48B022A85133E95D | 9F86179E424C123A E606D2E95ADA8A6B |
| t= 4: | 2C3C2C5ED8EBD26D E771AD738FE58E76 | A5ADFE61082B9ABD 9848CEBCCFD84FEA | E9CF7C4D67D20354 57425F1189DC982C | 533141CB525091B9 48B022A85133E95D |
| t= 5: | AFB0D44C82DFF225 CFE93DD39AF3ABF | 2C3C2C5ED8EBD26D E771AD738FE58E76 | A5ADFE61082B9ABD 9848CEBCCFD84FEA | E9CF7C4D67D20354 57425F1189DC982C |
| t= 6: | 353191AF8D65DEE9 DCF6B078908DFF9D | AFB0D44C82DFF225 CFE93DD39AF3ABF | 2C3C2C5ED8EBD26D E771AD738FE58E76 | A5ADFE61082B9ABD 9848CEBCCFD84FEA |
| t= 7: | F0ED5E552EE187D9 FF4C75D2E1DE3279 | 353191AF8D65DEE9 DCF6B078908DFF9D | AFB0D44C82DFF225 CFE93DD39AF3ABF | 2C3C2C5ED8EBD26D E771AD738FE58E76 |
| t= 8: | 779397867FBA1360 | F0ED5E552EE187D9 | 353191AF8D65DEE9 | AFB0D44C82DFF225 |

DE20103108B0A669 FF4C75D2E1DE3279 DCF6B078908DF9D CFFE93DD39AF3ABF
t= 9: B2DFC180C2685A63 779397867FBA1360 F0ED5E552EE187D9 353191AF8D65DEE9
842E374C7133F9F6 DE20103108B0A669 FF4C75D2E1DE3279 DCF6B078908DF9D
t=10: 360F5422F09700EC B2DFC180C2685A63 779397867FBA1360 F0ED5E552EE187D9
60C5AE3708E67485 842E374C7133F9F6 DE20103108B0A669 FF4C75D2E1DE3279
t=11: DAEFF6A462386C20 360F5422F09700EC B2DFC180C2685A63 779397867FBA1360
A4889E7CE945580A 60C5AE3708E67485 842E374C7133F9F6 DE20103108B0A669
t=12: 0DECA4759C7E00AD DAEFF6A462386C20 360F5422F09700EC B2DFC180C2685A63
5EE3BD7D600E83AB A4889E7CE945580A 60C5AE3708E67485 842E374C7133F9F6
t=13: 13B00ED20E90DAC9 0DECA4759C7E00AD DAEFF6A462386C20 360F5422F09700EC
5BD8653319107D74 5EE3BD7D600E83AB A4889E7CE945580A 60C5AE3708E67485
t=14: D904C89042A3AD4D 13B00ED20E90DAC9 0DECA4759C7E00AD DAEFF6A462386C20
2472BA283736D707 5BD8653319107D74 5EE3BD7D600E83AB A4889E7CE945580A
t=15: F2787EC95BF1F813 D904C89042A3AD4D 13B00ED20E90DAC9 0DECA4759C7E00AD
99AC6FC931B828B5 2472BA283736D707 5BD8653319107D74 5EE3BD7D600E83AB
t=16: C73C91546E687207 F2787EC95BF1F813 D904C89042A3AD4D 13B00ED20E90DAC9
86A4CA2DC3377691 99AC6FC931B828B5 2472BA283736D707 5BD8653319107D74
t=17: 4F773C1E20EF1984 C73C91546E687207 F2787EC95BF1F813 D904C89042A3AD4D
3A2886065715B415 86A4CA2DC3377691 99AC6FC931B828B5 2472BA283736D707
t=18: 90DE39FF4862F8DE 4F773C1E20EF1984 C73C91546E687207 F2787EC95BF1F813
E7DB461C33EC4D87 3A2886065715B415 86A4CA2DC3377691 99AC6FC931B828B5
t=19: 9889961BC5B9B080 90DE39FF4862F8DE 4F773C1E20EF1984 C73C91546E687207
18DBE557A448B215 E7DB461C33EC4D87 3A2886065715B415 86A4CA2DC3377691
t=20: 00BE5FE77AEF04D 9889961BC5B9B080 90DE39FF4862F8DE 4F773C1E20EF1984
919D9DD3F8E192BA 18DBE557A448B215 E7DB461C33EC4D87 3A2886065715B415
t=21: 4916899865BA519B 00BE5FE77AEF04D 9889961BC5B9B080 90DE39FF4862F8DE
494E40936BF36522 919D9DD3F8E192BA 18DBE557A448B215 E7DB461C33EC4D87
t=22: 2FD4751621FAA436 4916899865BA519B 00BE5FE77AEF04D 9889961BC5B9B080
461316088EE39598 494E40936BF36522 919D9DD3F8E192BA 18DBE557A448B215
t=23: A895267A751BBB51 461316088EE39598 494E40936BF36522 919D9DD3F8E192BA
7BF13FD8BDEC96E5 A895267A751BBB51 2FD4751621FAA436 4916899865BA519B
t=24: 413510E472DEBCAB E047DEF947ECF770 7BF13FD8BDEC96E5 461316088EE39598
0D9BD60E7ECF0CA0 413510E472DEBCAB A895267A751BBB51 2FD4751621FAA436
t=25: 33635248DD1081A9 E047DEF947ECF770 7BF13FD8BDEC96E5 461316088EE39598
2B6939189B6398BD 0D9BD60E7ECF0CA0 413510E472DEBCAB A895267A751BBB51
t=26: E1EA008EABDDDD8A 33635248DD1081A9 E047DEF947ECF770 7BF13FD8BDEC96E5
88C8D5C8FDF31407 2B6939189B6398BD 0D9BD60E7ECF0CA0 413510E472DEBCAB
t=27: 864D416A722024F2 E1EA008EABDDDD8A 33635248DD1081A9 E047DEF947ECF770
C48C3778FBDC16E5 88C8D5C8FDF31407 2B6939189B6398BD 0D9BD60E7ECF0CA0
t=28: 8A4110030D28BE95 864D416A722024F2 E1EA008EABDDDD8A 33635248DD1081A9
D9F2AED6553533CF C48C3778FBDC16E5 88C8D5C8FDF31407 2B6939189B6398BD
t=29: EC047BC2E5A7C98B 8A4110030D28BE95 864D416A722024F2 E1EA008EABDDDD8A
9C7DF3E0118B2A03 D9F2AED6553533CF C48C3778FBDC16E5 88C8D5C8FDF31407
t=30: 946A5AB5814086C EC047BC2E5A7C98B 8A4110030D28BE95 864D416A722024F2
2642E04B9FC242CC 9C7DF3E0118B2A03 D9F2AED6553533CF C48C3778FBDC16E5
t=31: F51B8137241F6AEE 946A5AB5814086C EC047BC2E5A7C98B 8A4110030D28BE95
9EE2EDA5DE6A4BBF 3A110967CED1066A 2642E04B9FC242CC 9C7DF3E0118B2A03
t=32: 3A110967CED1066A 9EE2EDA5DE6A4BBF 3A110967CED1066A 2642E04B9FC242CC
9C7DF3E0118B2A03 946A5AB5814086C EC047BC2E5A7C98B 8A4110030D28BE95
t=33: 96DD4E3F9F4ECB4B F7EA1DB2DE0E0F9C 0A6F2F765D8F08D4 A4289B29B081DC1E
0A6F2F765D8F08D4 A4289B29B081DC1E 96DD4E3F9F4ECB4B F7EA1DB2DE0E0F9C
t=34: 0A6F2F765D8F08D4 A4289B29B081DC1E 96DD4E3F9F4ECB4B F7EA1DB2DE0E0F9C
A4289B29B081DC1E 0A6F2F765D8F08D4 A4289B29B081DC1E 96DD4E3F9F4ECB4B
t=35: 7696BAE1D69A401A A4289B29B081DC1E 96DD4E3F9F4ECB4B F7EA1DB2DE0E0F9C
5AC1DA918A905421 90B4206FAB7D0530 071FA5F764C98E5F 08ECE17FD62AF2F9
t=36: 071FA5F764C98E5F 08ECE17FD62AF2F9 39083A7BEA35DAC5 071FA5F764C98E5F
90B4206FAB7D0530 071FA5F764C98E5F 08ECE17FD62AF2F9 39083A7BEA35DAC5
t=37: 08ECE17FD62AF2F9 39083A7BEA35DAC5 071FA5F764C98E5F 08ECE17FD62AF2F9
CE0FCC34AD8DA36C FB78ADD4117E0D4C 4685454816101EE6 4685454816101EE6
t=38: CE0FCC34AD8DA36C FB78ADD4117E0D4C 4685454816101EE6 4685454816101EE6
4685454816101EE6 595A8250371D868B 5F514945AC2AF500 595A8250371D868B
t=39: FB78ADD4117E0D4C 4685454816101EE6 595A8250371D868B 5F514945AC2AF500
510D7EED2F67960B 595A8250371D868B 5F514945AC2AF500 510D7EED2F67960B
t=40: 595A8250371D868B 5F514945AC2AF500 510D7EED2F67960B 595A8250371D868B
5F514945AC2AF500 510D7EED2F67960B 595A8250371D868B 5F514945AC2AF500
t=41: F1DC306C639EFB88 413017F53DFED208 275D96E89981CFE3 0245872EE399310A
413017F53DFED208 275D96E89981CFE3 0245872EE399310A 413017F53DFED208
t=42: 275D96E89981CFE3 0245872EE399310A 413017F53DFED208 275D96E89981CFE3
5BF82DA35571E11 275D96E89981CFE3 0245872EE399310A 413017F53DFED208
t=43: 5BF82DA35571E11 275D96E89981CFE3 0245872EE399310A 413017F53DFED208

t=44: 76C80FF098F6ABB4 0245872EE399310A 413017F53DFED208 5F514945AC2AF500
E58F44F1BD431603 5BF882DA35571E11 275D96E89981CFE3 F1DC306C639EFB88
5EBDABABF6D782FD 76C80FF098F6ABB4 0245872EE399310A 413017F53DFED208
t=45: 53B71BC37D03FACE E58F44F1BD431603 5BF882DA35571E11 275D96E89981CFE3
8598A1A47D0357A5 5EBDABABF6D782FD 76C80FF098F6ABB4 0245872EE399310A
t=46: 345AE4AA187437E1 53B71BC37D03FACE E58F44F1BD431603 5BF882DA35571E11
7E74231C4177D4D1 8598A1A47D0357A5 5EBDABABF6D782FD 76C80FF098F6ABB4
t=47: 626CEEE8A84D84E0 345AE4AA187437E1 53B71BC37D03FACE E58F44F1BD431603
F35A915AD59125EC 7E74231C4177D4D1 8598A1A47D0357A5 5EBDABABF6D782FD
t=48: C46DD1206FE63A9F 626CEEE8A84D84E0 345AE4AA187437E1 53B71BC37D03FACE
B7E272EFF6528CD5 F35A915AD59125EC 7E74231C4177D4D1 8598A1A47D0357A5
t=49: A6190DF4A1B0F666 C46DD1206FE63A9F 626CEEE8A84D84E0 345AE4AA187437E1
F01D59E16E01FC67 B7E272EFF6528CD5 F35A915AD59125EC 7E74231C4177D4D1
t=50: D1EA1DDDE4EF669B A6190DF4A1B0F666 C46DD1206FE63A9F 626CEEE8A84D84E0
45B6FA884E24396A F01D59E16E01FC67 B7E272EFF6528CD5 F35A915AD59125EC
t=51: 9F33EE7183AED669 D1EA1DDDE4EF669B A6190DF4A1B0F666 C46DD1206FE63A9F
B133508E689D5618 45B6FA884E24396A F01D59E16E01FC67 B7E272EFF6528CD5
t=52: B13ECBE9C5AB549B 9F33EE7183AED669 D1EA1DDDE4EF669B A6190DF4A1B0F666
257000654C161D77 B133508E689D5618 45B6FA884E24396A F01D59E16E01FC67
t=53: 372E19656F4C71F6 B13ECBE9C5AB549B 9F33EE7183AED669 D1EA1DDDE4EF669B
53B78D2B828C9FD0 257000654C161D77 B133508E689D5618 45B6FA884E24396A
t=54: AE694575918CF0FA 372E19656F4C71F6 B13ECBE9C5AB549B 9F33EE7183AED669
6349FBF49B89B65D 53B78D2B828C9FD0 257000654C161D77 B133508E689D5618
t=55: 617B509949F118FD AE694575918CF0FA 372E19656F4C71F6 B13ECBE9C5AB549B
B1F1CB2F4FC0A9DE 6349FBF49B89B65D 53B78D2B828C9FD0 257000654C161D77
t=56: 22C244C694B15B1C 617B509949F118FD AE694575918CF0FA 372E19656F4C71F6
AC9793625B6713A6 B1F1CB2F4FC0A9DE 6349FBF49B89B65D 53B78D2B828C9FD0
t=57: 3311FB1C405F0D0F 22C244C694B15B1C 617B509949F118FD AE694575918CF0FA
E4C449F90128CC38 AC9793625B6713A6 B1F1CB2F4FC0A9DE 6349FBF49B89B65D
t=58: 594961E04CE3A122 3311FB1C405F0D0F 22C244C694B15B1C 617B509949F118FD
B6F7A90EB9C18C0A E4C449F90128CC38 AC9793625B6713A6 B1F1CB2F4FC0A9DE
t=59: 0A392F484AF8A380 594961E04CE3A122 3311FB1C405F0D0F 22C244C694B15B1C
1AD7E0EE097FDEB0 B6F7A90EB9C18C0A E4C449F90128CC38 AC9793625B6713A6
t=60: E146E2A7C1A65C6B 0A392F484AF8A380 594961E04CE3A122 3311FB1C405F0D0F
BB4DDA7E6C53497D 1AD7E0EE097FDEB0 B6F7A90EB9C18C0A E4C449F90128CC38
t=61: 529AB3BCA586375B E146E2A7C1A65C6B 0A392F484AF8A380 594961E04CE3A122
96D42DDC61058438 BB4DDA7E6C53497D 1AD7E0EE097FDEB0 B6F7A90EB9C18C0A
t=62: 70A7E4A859B8B382 529AB3BCA586375B E146E2A7C1A65C6B 0A392F484AF8A380
7F8CAECE994D7B17 96D42DDC61058438 BB4DDA7E6C53497D 1AD7E0EE097FDEB0
t=63: 1F5F60BBFE7CCCE7 70A7E4A859B8B382 529AB3BCA586375B E146E2A7C1A65C6B
DBBB47B6F5183CB6 7F8CAECE994D7B17 96D42DDC61058438 BB4DDA7E6C53497D
t=64: 9D537AF704E642F0 1F5F60BBFE7CCCE7 70A7E4A859B8B382 529AB3BCA586375B
BC4B7813CCB07A48 DBBB47B6F5183CB6 7F8CAECE994D7B17 96D42DDC61058438
t=65: 0F178025C27E422C 9D537AF704E642F0 1F5F60BBFE7CCCE7 70A7E4A859B8B382
E3065FF6F7ADDF6D BC4B7813CCB07A48 DBBB47B6F5183CB6 7F8CAECE994D7B17
t=66: A93AA5F85D1BCDEA 0F178025C27E422C 9D537AF704E642F0 1F5F60BBFE7CCCE7
DD8BDB1945B27133 E3065FF6F7ADDF6D BC4B7813CCB07A48 DBBB47B6F5183CB6
t=67: B93B21F8AEB8F329 A93AA5F85D1BCDEA 0F178025C27E422C 9D537AF704E642F0
1546C7737C00F978 DD8BDB1945B27133 E3065FF6F7ADDF6D BC4B7813CCB07A48
t=68: CF675521103494C7 B93B21F8AEB8F329 A93AA5F85D1BCDEA 0F178025C27E422C
9202AE67985172D8 1546C7737C00F978 DD8BDB1945B27133 E3065FF6F7ADDF6D
t=69: 6BD1BCB0F69DEAB9 CF675521103494C7 B93B21F8AEB8F329 A93AA5F85D1BCDEA
CC4A167A12B10D07 9202AE67985172D8 1546C7737C00F978 DD8BDB1945B27133
t=70: 36FB6D38EC7A9F8F 6BD1BCB0F69DEAB9 CF675521103494C7 B93B21F8AEB8F329
BF2DF292FDA17376 CC4A167A12B10D07 9202AE67985172D8 1546C7737C00F978
t=71: B45C8408593C88F6 36FB6D38EC7A9F8F 6BD1BCB0F69DEAB9 CF675521103494C7
70347EA05752DF76 BF2DF292FDA17376 CC4A167A12B10D07 9202AE67985172D8
t=72: 0CA25CCF6FF6180E B45C8408593C88F6 36FB6D38EC7A9F8F 6BD1BCB0F69DEAB9
0FFA31707E364987 70347EA05752DF76 BF2DF292FDA17376 CC4A167A12B10D07
t=73: D49316BE5F130748 0CA25CCF6FF6180E B45C8408593C88F6 36FB6D38EC7A9F8F
51269C93931E39F7 0FFA31707E364987 70347EA05752DF76 BF2DF292FDA17376
t=74: 896EE1FEC0F16E4B D49316BE5F130748 0CA25CCF6FF6180E B45C8408593C88F6
118DA75760797D25 51269C93931E39F7 0FFA31707E364987 70347EA05752DF76
t=75: 22007C194C5B05AD 896EE1FEC0F16E4B D49316BE5F130748 0CA25CCF6FF6180E
070F4D2C71FD0609 118DA75760797D25 51269C93931E39F7 0FFA31707E364987
t=76: ED4C5451ED5670B7 22007C194C5B05AD 896EE1FEC0F16E4B D49316BE5F130748
D5AE0EB0DE35A312 070F4D2C71FD0609 118DA75760797D25 51269C93931E39F7
t=77: F61D35F056C47639 ED4C5451ED5670B7 22007C194C5B05AD 896EE1FEC0F16E4B
137B9CA2A9375030 D5AE0EB0DE35A312 070F4D2C71FD0609 118DA75760797D25
t=78: EC01C4BFEACC2519 F61D35F056C47639 ED4C5451ED5670B7 22007C194C5B05AD

F083B6FEFAEF695 137B9CA2A9375030 D5AE0EB0DE35A312 070F4D2C71FD0609
t=79: 09C993659E2DEF45 EC01C4BFEACC2519 F61D35F056C47639 ED4C5451ED5670B7
1617F9FA73004761 F6083B6FEFAEF695 137B9CA2A9375030 D5AE0EB0DE35A312

H[0] = 8C3D37C819544DA2 + 09C993659E2DEF45 = 9606CB2DB7823CE7
H[1] = 73E1996689DCD4D6 + EC01C4BFEACC2519 = 5FE35E2674A8F9EF
H[2] = 1DFAB7AE32FF9C82 + F61D35F056C47639 = 1417ED9E89C412BB
H[3] = 679DD514582F9FCF + ED4C5451ED5670B7 = 54EA296645861086
H[4] = 0F6D2B697BD44DA8 + 1617F9FA73004761 = 25852563EED49509
H[5] = 77E36F7304C48942 + F6083B6FEFAEF695 = 6DEBAAE2F4737FD7
H[6] = 3F9D85A86A1D36C8 + 137B9CA2A9375030 = 5319224B135486F8
H[7] = 1112E6AD91D692A1 + D5AE0EB0DE35A312 = E6C0F55E700C35B3

Block Contents:

W[0] = 0000000000000000
W[1] = 0000000000000000
W[2] = 0000000000000000
W[3] = 0000000000000000
W[4] = 0000000000000000
W[5] = 0000000000000000
W[6] = 0000000000000000
W[7] = 0000000000000000
W[8] = 0000000000000000
W[9] = 0000000000000000
W[10] = 0000000000000000
W[11] = 0000000000000000
W[12] = 0000000000000000
W[13] = 0000000000000000
W[14] = 0000000000000000
W[15] = 0000000000000380

| | A/E | B/F | C/G | D/H |
|-------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| t= 0: | C62A1109950BC4B0 B6602607DA508EC1 | 9606CB2DB7823CE7 25852563EED49509 | 5FE35E2674A8F9EF 6DEBAAE2F4737FD7 | 1417ED9E89C412BB 5319224B135486F8 |
| t= 1: | 4A2EB8F6FF304F81 614F9DBEA0C1A45C | C62A1109950BC4B0 B6602607DA508EC1 | 9606CB2DB7823CE7 25852563EED49509 | 5FE35E2674A8F9EF 6DEBAAE2F4737FD7 |
| t= 2: | D708ED5418B1A603 CF8726E0E363D72E | 4A2EB8F6FF304F81 614F9DBEA0C1A45C | C62A1109950BC4B0 B6602607DA508EC1 | 9606CB2DB7823CE7 25852563EED49509 |
| t= 3: | 44D5660E0E213AA5 EFAA0CF5A58EB13D | D708ED5418B1A603 CF8726E0E363D72E | 4A2EB8F6FF304F81 614F9DBEA0C1A45C | C62A1109950BC4B0 B6602607DA508EC1 |
| t= 4: | 957D13471214C5F4 981291723204C874 | 44D5660E0E213AA5 EFAA0CF5A58EB13D | D708ED5418B1A603 CF8726E0E363D72E | 4A2EB8F6FF304F81 614F9DBEA0C1A45C |
| t= 5: | 76E8C9D1C9DD8AB8 7FCDD3C31337A90E | 957D13471214C5F4 981291723204C874 | 44D5660E0E213AA5 EFAA0CF5A58EB13D | D708ED5418B1A603 CF8726E0E363D72E |
| t= 6: | 4B16F79453BE3727 80E62F655E7ED37B | 76E8C9D1C9DD8AB8 7FCDD3C31337A90E | 957D13471214C5F4 981291723204C874 | 44D5660E0E213AA5 EFAA0CF5A58EB13D |
| t= 7: | 5E63338FBE9889D9 441041F54BE0537B | 4B16F79453BE3727 80E62F655E7ED37B | 76E8C9D1C9DD8AB8 7FCDD3C31337A90E | 957D13471214C5F4 981291723204C874 |
| t= 8: | C7338364B83DF9C6 E4FA1425EB9F0182 | 5E63338FBE9889D9 441041F54BE0537B | 4B16F79453BE3727 80E62F655E7ED37B | 76E8C9D1C9DD8AB8 7FCDD3C31337A90E |
| t= 9: | 5ED78CF2D7AD0133 21EC095197532090 | C7338364B83DF9C6 E4FA1425EB9F0182 | 5E63338FBE9889D9 441041F54BE0537B | 4B16F79453BE3727 80E62F655E7ED37B |
| t=10: | 75C6A9870347B569 37D613B93BD7DFB5 | 5ED78CF2D7AD0133 21EC095197532090 | C7338364B83DF9C6 E4FA1425EB9F0182 | 5E63338FBE9889D9 441041F54BE0537B |
| t=11: | 2330FC9F6CEAC437 2F1071A0C464DD6B | 75C6A9870347B569 37D613B93BD7DFB5 | 5ED78CF2D7AD0133 21EC095197532090 | C7338364B83DF9C6 E4FA1425EB9F0182 |
| t=12: | B56EA6063E644DAF D97C54DC192D2B1A | 2330FC9F6CEAC437 2F1071A0C464DD6B | 75C6A9870347B569 37D613B93BD7DFB5 | 5ED78CF2D7AD0133 21EC095197532090 |
| t=13: | F60601BFD3CE4BA2 B9D5E11F983972F8 | B56EA6063E644DAF D97C54DC192D2B1A | 2330FC9F6CEAC437 2F1071A0C464DD6B | 75C6A9870347B569 37D613B93BD7DFB5 |
| t=14: | FA6E99A8556DF258 015DEA3F41B9C289 | F60601BFD3CE4BA2 B9D5E11F983972F8 | B56EA6063E644DAF D97C54DC192D2B1A | 2330FC9F6CEAC437 2F1071A0C464DD6B |
| t=15: | 38E5F661C3F1191B 5279EE55AFE8AFCC | FA6E99A8556DF258 015DEA3F41B9C289 | F60601BFD3CE4BA2 B9D5E11F983972F8 | 38E5F661C3F1191B 5279EE55AFE8AFCC |
| t=16: | ACDC1A5C38C85CD5 DB79F8F12D277F02 | 38E5F661C3F1191B 5279EE55AFE8AFCC | FA6E99A8556DF258 015DEA3F41B9C289 | F60601BFD3CE4BA2 B9D5E11F983972F8 |
| t=17: | 4B9240C98A6F1B53 4DE55D4B2EA4F33C | ACDC1A5C38C85CD5 DB79F8F12D277F02 | 38E5F661C3F1191B 5279EE55AFE8AFCC | FA6E99A8556DF258 015DEA3F41B9C289 |

t=18: 4635F911BF4C6D0D 4B9240C9BA6F1B53 ACDC1A5C38C85CD5 38E5F661C3F1191B
BCB192998C798DEA 4DE55D4B2EA4F33C DB79F8F12D277F02 5279EE55AFE8AFCC
t=19: E586156D13060B8C 4635F911BF4C6D0D 4B9240C9BA6F1B53 ACDC1A5C38C85CD5
176C6027F44C42A5 BCB192998C798DEA 4DE55D4B2EA4F33C DB79F8F12D277F02
t=20: 65E9087A1372B7EE E586156D13060B8C 4635F911BF4C6D0D 4B9240C9BA6F1B53
1CA79B5218212A16 176C6027F44C42A5 BCB192998C798DEA 4DE55D4B2EA4F33C
t=21: 61D617FF18A51FA7 65E9087A1372B7EE E586156D13060B8C 4635F911BF4C6D0D
FFF208DDA4ACF3BF 1CA79B5218212A16 176C6027F44C42A5 BCB192998C798DEA
t=22: EAE30855B7D727BF 61D617FF18A51FA7 65E9087A1372B7EE E586156D13060B8C
1908F447D8261EFD FFF208DDA4ACF3BF 1CA79B5218212A16 176C6027F44C42A5
t=23: E17F4AA3CA31951F EAE30855B7D727BF 61D617FF18A51FA7 65E9087A1372B7EE
A93A3B339DE2E79E 1908F447D8261EFD FFF208DDA4ACF3BF 1CA79B5218212A16
t=24: CBDA7FD5D72B0448 E17F4AA3CA31951F EAE30855B7D727BF 61D617FF18A51FA7
39CB25C47F7F1E76 A93A3B339DE2E79E 1908F447D8261EFD FFF208DDA4ACF3BF
t=25: 875B7C8BD1FC6FFF CBDA7FD5D72B0448 E17F4AA3CA31951F EAE30855B7D727BF
5061761EF4A7B430 39CB25C47F7F1E76 A93A3B339DE2E79E 1908F447D8261EFD
t=26: 7493EB03CB083DCB D9DD068BDE33B870 23652F849EA698BE E17F4AA3CA31951F
A00157FD4436BEC5 5061761EF4A7B430 39CB25C47F7F1E76 A93A3B339DE2E79E
t=27: A2194EB42A179534 7493EB03CB083DCB 875B7C8BD1FC6FFF CBDA7FD5D72B0448
75E556161E2D8F5E A00157FD4436BEC5 5061761EF4A7B430 39CB25C47F7F1E76
t=28: 50120D72503F50A3 42194EB42A179534 7493EB03CB083DCB 875B7C8BD1FC6FFF
B2288596FBF78C7A 75E556161E2D8F5E A00157FD4436BEC5 5061761EF4A7B430
t=29: 9388C45EF9BEDABA 50120D72503F50A3 A2194EB42A179534 7493EB03CB083DCB
377650FBEE17C4B3 B2288596FBF78C7A 75E556161E2D8F5E A00157FD4436BEC5
t=30: FA0D8AF6122631D1 9388C45EF9BEDABA 50120D72503F50A3 A2194EB42A179534
4417C8D07BA5397A 377650FBEE17C4B3 B2288596FBF78C7A 75E556161E2D8F5E
t=31: 9E234A4F427D2B06 FA0D8AF6122631D1 9388C45EF9BEDABA 50120D72503F50A3
23652F849EA698BE 4417C8D07BA5397A 377650FBEE17C4B3 B2288596FBF78C7A
t=32: 8D9DC47628B2D452 9E234A4F427D2B06 FA0D8AF6122631D1 9388C45EF9BEDABA
D9DD068BDE33B870 23652F849EA698BE 4417C8D07BA5397A 377650FBEE17C4B3
t=33: DBC5AB3931DBA353 8D9DC47628B2D452 9E234A4F427D2B06 FA0D8AF6122631D1
E3F00F8D49C43EC4 D9DD068BDE33B870 23652F849EA698BE 4417C8D07BA5397A
t=34: 90BBFAFE9E70D4DE DBC5AB3931DBA353 8D9DC47628B2D452 9E234A4F427D2B06
C79450C5A27F1152 E3F00F8D49C43EC4 D9DD068BDE33B870 23652F849EA698BE
t=35: 0176074A50D737DC 90BBFAFE9E70D4DE DBC5AB3931DBA353 8D9DC47628B2D452
484DCDA447B167ED C79450C5A27F1152 E3F00F8D49C43EC4 D9DD068BDE33B870
t=36: 8A31589736A222D9 0176074A50D737DC 90BBFAFE9E70D4DE DBC5AB3931DBA353
77F0533A9F4225D4 484DCDA447B167ED C79450C5A27F1152 E3F00F8D49C43EC4
t=37: DB9603572C370B39 AD407246D492B9C9 0176074A50D737DC 90BBFAFE9E70D4DE
AD407246D492B9C9 77F0533A9F4225D4 484DCDA447B167ED C79450C5A27F1152
t=38: A0BC2200492231A3 DB9603572C370B39 AD407246D492B9C9 0176074A50D737DC
001CFA61F6A94907 A0BC2200492231A3 DB9603572C370B39 AD407246D492B9C9
t=39: D17150907EDA767B 001CFA61F6A94907 AD407246D492B9C9 0176074A50D737DC
C7398391FEE339DE D17150907EDA767B 001CFA61F6A94907 AD407246D492B9C9
t=40: A3312953448FA7E1 88C2310AFA13D7FD C7398391FEE339DE D17150907EDA767B
88C2310AFA13D7FD A3312953448FA7E1 88C2310AFA13D7FD C7398391FEE339DE
t=41: A1974BE1E531F375 9CABA67B2C460999 A1974BE1E531F375 9CABA67B2C460999
9CABA67B2C460999 A1974BE1E531F375 9CABA67B2C460999 A1974BE1E531F375
t=42: 34FBAB3D67367DF 4AB15B8120A75FA0 34FBAB3D67367DF 4AB15B8120A75FA0
4AB15B8120A75FA0 34FBAB3D67367DF 4AB15B8120A75FA0 34FBAB3D67367DF
t=43: 47FB83EA0B09CFDF 82AF65BB8CF42FDF 47FB83EA0B09CFDF 82AF65BB8CF42FDF
82AF65BB8CF42FDF 47FB83EA0B09CFDF 82AF65BB8CF42FDF 47FB83EA0B09CFDF
t=44: BE123C3EE4765CED 553B3C12510AF392 BE123C3EE4765CED 553B3C12510AF392
553B3C12510AF392 BE123C3EE4765CED 553B3C12510AF392 BE123C3EE4765CED
t=45: 18BD79A592A8BD47 02E864735B8BF844 18BD79A592A8BD47 02E864735B8BF844
02E864735B8BF844 18BD79A592A8BD47 02E864735B8BF844 18BD79A592A8BD47
t=46: 0A8B7BECB393BFA4 1A8B439714CE8AF1 0A8B7BECB393BFA4 1A8B439714CE8AF1
1A8B439714CE8AF1 0A8B7BECB393BFA4 1A8B439714CE8AF1 0A8B7BECB393BFA4
t=47: 9510DFC044C38B79 F5B8B726BB1A26AC 9510DFC044C38B79 F5B8B726BB1A26AC
F5B8B726BB1A26AC 9510DFC044C38B79 F5B8B726BB1A26AC 9510DFC044C38B79
t=48: 20C6FF36AAF2AFE6 E5BDED3F35816323 20C6FF36AAF2AFE6 E5BDED3F35816323
E5BDED3F35816323 20C6FF36AAF2AFE6 E5BDED3F35816323 20C6FF36AAF2AFE6
t=49: 7FA16F7BA5EBE14C 321838784DA12D56 7FA16F7BA5EBE14C 321838784DA12D56
321838784DA12D56 7FA16F7BA5EBE14C 321838784DA12D56 7FA16F7BA5EBE14C
t=50: D2B84B6F18380735 67338C92A9E62CB3 D2B84B6F18380735 67338C92A9E62CB3
67338C92A9E62CB3 D2B84B6F18380735 67338C92A9E62CB3 D2B84B6F18380735
t=51: 9201269A2C54F51E 18B3943C938E0477 9201269A2C54F51E 18B3943C938E0477
18B3943C938E0477 9201269A2C54F51E 18B3943C938E0477 9201269A2C54F51E
t=52: E5AA7485C1241AA4 B9CD3EFC85E7C325 E5AA7485C1241AA4 B9CD3EFC85E7C325
B9CD3EFC85E7C325 18B3943C938E0477 67338C92A9E62CB3 321838784DA12D56

| | | | | |
|-------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| t=53: | 5E3B46494F487A51 A1A96A63C2F9C2D5 | E5AA7485C1241AA4 B9CD3EFC85E7C325 | 9201269A2C54F51E 18B3943C938E0477 | D2B84B6F18380735 67338C92A9E62CB3 |
| t=54: | 30F07AE985818A3F F7B2345A39EE53D6 | 5E3B46494F487A51 A1A96A63C2F9C2D5 | E5AA7485C1241AA4 B9CD3EFC85E7C325 | 9201269A2C54F51E 18B3943C938E0477 |
| t=55: | D5441CF2BBBF4247 08170A5A65B9CC59 | 30F07AE985818A3F F7B2345A39EE53D6 | 5E3B46494F487A51 A1A96A63C2F9C2D5 | E5AA7485C1241AA4 B9CD3EFC85E7C325 |
| t=56: | A028FDCD5B3CD6C 40F68900D8945D8B | D5441CF2BBBF4247 08170A5A65B9CC59 | 30F07AE985818A3F F7B2345A39EE53D6 | 5E3B46494F487A51 A1A96A63C2F9C2D5 |
| t=57: | A7EC8B6433605C8D 5DCC12B8F92F5A2A | A028FDCD5B3CD6C 40F68900D8945D8B | D5441CF2BBBF4247 08170A5A65B9CC59 | 30F07AE985818A3F F7B2345A39EE53D6 |
| t=58: | E7440592C375CD18 800CC35788C7BD7E | A7EC8B6433605C8D 5DCC12B8F92F5A2A | A028FDCD5B3CD6C 40F68900D8945D8B | D5441CF2BBBF4247 08170A5A65B9CC59 |
| t=59: | 8CFEBA0AA271D1E8 18CEFFE60E5F76E0 | E7440592C375CD18 800CC35788C7BD7E | A7EC8B6433605C8D 5DCC12B8F92F5A2A | A028FDCD5B3CD6C 40F68900D8945D8B |
| t=60: | 47B9D567B722FB37 A530BEE0AB96F7BF | 8CFEBA0AA271D1E8 18CEFFE60E5F76E0 | E7440592C375CD18 800CC35788C7BD7E | A7EC8B6433605C8D 5DCC12B8F92F5A2A |
| t=61: | A3C575002D2A90C4 332C2311F81CC391 | 47B9D567B722FB37 A530BEE0AB96F7BF | 18CEFFE60E5F76E0 47B9D567B722FB37 | 8CFEBA0AA271D1E8 800CC35788C7BD7E |
| t=62: | F96FCB96DEB9E494 7EFBDECC5D2B5820 | A3C575002D2A90C4 332C2311F81CC391 | 47B9D567B722FB37 A530BEE0AB96F7BF | 8CFEBA0AA271D1E8 18CEFFE60E5F76E0 |
| t=63: | F363C8EC7B1A0888 2AE76A4CDD0B55BD | F96FCB96DEB9E494 7EFBDECC5D2B5820 | A3C575002D2A90C4 332C2311F81CC391 | 47B9D567B722FB37 A530BEE0AB96F7BF |
| t=64: | B80FA4876347AD57 94D171AE802D6C9D | F363C8EC7B1A0888 2AE76A4CDD0B55BD | F96FCB96DEB9E494 7EFBDECC5D2B5820 | A3C575002D2A90C4 332C2311F81CC391 |
| t=65: | 96345101E32B060F 5E1C4C06D3B02C21 | B80FA4876347AD57 94D171AE802D6C9D | 94D171AE802D6C9D 2AE76A4CDD0B55BD | F96FCB96DEB9E494 7EFBDECC5D2B5820 |
| t=66: | 35C874D072FDC82C 3353886B54C833B5 | 96345101E32B060F 5E1C4C06D3B02C21 | 94D171AE802D6C9D 2AE76A4CDD0B55BD | F96FCB96DEB9E494 7EFBDECC5D2B5820 |
| t=67: | 401E4175643FC458 EBEF8A88724B7FF7 | 35C874D072FDC82C 3353886B54C833B5 | 96345101E32B060F 5E1C4C06D3B02C21 | B80FA4876347AD57 94D171AE802D6C9D |
| t=68: | D58E109317C90113 894598AE776D2ED5 | 401E4175643FC458 EBEF8A88724B7FF7 | 35C874D072FDC82C 3353886B54C833B5 | 96345101E32B060F 5E1C4C06D3B02C21 |
| t=69: | 68A4AA1333AEA536 09FCE6C815B259F9 | D58E109317C90113 894598AE776D2ED5 | 401E4175643FC458 EBEF8A88724B7FF7 | 35C874D072FDC82C 3353886B54C833B5 |
| t=70: | 8A0D8C01F5588CC1 AEE1595DB3F40CF8 | 68A4AA1333AEA536 09FCE6C815B259F9 | D58E109317C90113 894598AE776D2ED5 | 401E4175643FC458 EBEF8A88724B7FF7 |
| t=71: | 6F485B267B52813E BBA5B657667A087C | 8A0D8C01F5588CC1 AEE1595DB3F40CF8 | 68A4AA1333AEA536 09FCE6C815B259F9 | D58E109317C90113 894598AE776D2ED5 |
| t=72: | CBF0FF8A3EB56D59 D0686F6ECF9AB51E | 6F485B267B52813E BBA5B657667A087C | 8A0D8C01F5588CC1 AEE1595DB3F40CF8 | 68A4AA1333AEA536 09FCE6C815B259F9 |
| t=73: | AD1D1893EE86E3B6 D9F1FF942480D4D5 | CBF0FF8A3EB56D59 D0686F6ECF9AB51E | 6F485B267B52813E BBA5B657667A087C | 8A0D8C01F5588CC1 AEE1595DB3F40CF8 |
| t=74: | 1443D9D1606FF323 7AE67C10BF64A97B | AD1D1893EE86E3B6 D9F1FF942480D4D5 | D0686F6ECF9AB51E 1443D9D1606FF323 | 7AE67C10BF64A97B 84D997908D444616 |
| t=75: | 9F07271D479F94DC 84D997908D444616 | 1443D9D1606FF323 7AE67C10BF64A97B | D0686F6ECF9AB51E 1443D9D1606FF323 | 7AE67C10BF64A97B 84D997908D444616 |
| t=76: | 137D219301D78C4D 2FD56FB46B6F4F93 | 9F07271D479F94DC 84D997908D444616 | 1443D9D1606FF323 7AE67C10BF64A97B | 84D997908D444616 1443D9D1606FF323 |
| t=77: | 21BE76D4C61FFBB7 BC85E4FC899BA009 | 137D219301D78C4D 2FD56FB46B6F4F93 | 9F07271D479F94DC 84D997908D444616 | 1443D9D1606FF323 7AE67C10BF64A97B |
| t=78: | D09E343D96634B44 D7AE6C10F1681576 | 21BE76D4C61FFBB7 BC85E4FC899BA009 | 137D219301D78C4D 2FD56FB46B6F4F93 | 9F07271D479F94DC 84D997908D444616 |
| t=79: | 8DF7FA8DD53CE3C A2C04D0AEA35A515 | D09E343D96634B44 D7AE6C10F1681576 | 21BE76D4C61FFBB7 BC85E4FC899BA009 | 137D219301D78C4D 2FD56FB46B6F4F93 |

H[0] = 9606CB2DB7823CE7 + 8DF7FA8DD53CE3C = 23FEC5BB94D60B23
H[1] = 5FE35E2674A8F9EF + D09E343D96634B44 = 308192640B0C4533
H[2] = 1417ED9E89C412BB + 21BE76D4C61FFBB7 = 35D664734FE40E72
H[3] = 54EA296645861086 + 137D219301D78C4D = 68674AF9475D9CD3
H[4] = 25852563ED49509 + A2C04D0AEA35A515 = C845726ED90A3A1E
H[5] = 6DEBAAE2F4737FD7 + D7AE6C10F1681576 = 459A16F3E5DB954D
H[6] = 5319224B135486F8 + BC85E4FC899BA009 = 0F9F07479CF02701
H[7] = E6C0F55E700C35B3 + 2FD56FB46B6F4F93 = 16966512DB7B8546

Message Digest is

23FEC5BB
94D60B23 30819264 0B0C4533 35D66473 4FE40E72 68674AF9

