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Secure Hash Algorithm
Message Digest Length = 384

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One Block Message Sample

Input Message: "abc"

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Initial hash value:

- H[0] = CBBB9D5DC1059ED8
- H[1] = 629A292A367CD507
- H[2] = 9159015A3070DD17
- H[3] = 152FECD8F70E5939
- H[4] = 67332667FFC00B31
- H[5] = 8EB44A8768581511
- H[6] = DB0C2E0D64F98FA7
- H[7] = 47B5481DBEFA4FA4

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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:	470994AD30873F88	CBBB9D5DC1059ED8	629A292A367CD507	9159015A3070DD17
	BD03F724BE6075F9	67332667FFC00B31	8EB44A8768581511	DB0C2E0D64F98FA7
t= 1:	2E91230306A12AE0	470994AD30873F88	CBBB9D5DC1059ED8	629A292A367CD507
	5E1B4E1695372B9E	BD03F724BE6075F9	67332667FFC00B31	8EB44A8768581511
t= 2:	EEBE5D379BE707AD	2E91230306A12AE0	470994AD30873F88	CBBB9D5DC1059ED8
	54074A65AEF34336	5E1B4E1695372B9E	BD03F724BE6075F9	67332667FFC00B31
t= 3:	E308483153E15AD6	EEBE5D379BE707AD	2E91230306A12AE0	470994AD30873F88
	086C5B2D36A89178	54074A65AEF34336	5E1B4E1695372B9E	BD03F724BE6075F9
t= 4:	3A7A023C593D8479	E308483153E15AD6	EEBE5D379BE707AD	2E91230306A12AE0
	8AA1144850633794	086C5B2D36A89178	54074A65AEF34336	5E1B4E1695372B9E
t= 5:	333199A85F92B052	3A7A023C593D8479	E308483153E15AD6	EEBE5D379BE707AD
	7A6316F0EF047CE7	8AA1144850633794	086C5B2D36A89178	54074A65AEF34336
t= 6:	76F0741213DD2EF6	333199A85F92B052	3A7A023C593D8479	E308483153E15AD6

74063CBA385F0675 7A6316F0EF047CE7 8AA1144850633794 086C5B2D36A89178
t= 7: 02F2A04D3AAB1629 76F0741213DD2EF6 333199A85F92B052 3A7A023C593D8479
1688B9BF14980FC0 74063CBA385F0675 7A6316F0EF047CE7 8AA1144850633794
t= 8: 73E5B2A1704A0349 02F2A04D3AAB1629 76F0741213DD2EF6 333199A85F92B052
FD00139F705907D0 1688B9BF14980FC0 74063CBA385F0675 7A6316F0EF047CE7
t= 9: BF3F67BA12882648 73E5B2A1704A0349 02F2A04D3AAB1629 76F0741213DD2EF6
652E311D4F0A4257 FD00139F705907D0 1688B9BF14980FC0 74063CBA385F0675
t=10: 33254508BB2EA48D BF3F67BA12882648 73E5B2A1704A0349 02F2A04D3AAB1629
9E18991C4F39F0BA 652E311D4F0A4257 FD00139F705907D0 1688B9BF14980FC0
t=11: C1FDB2A0205EA0E5 33254508BB2EA48D BF3F67BA12882648 73E5B2A1704A0349
04732E8BC4044582 9E18991C4F39F0BA 652E311D4F0A4257 FD00139F705907D0
t=12: 185F9FF038A50F39 C1FDB2A0205EA0E5 33254508BB2EA48D BF3F67BA12882648
8B4ACFC4D2B8AFE6 04732E8BC4044582 9E18991C4F39F0BA 652E311D4F0A4257
t=13: E5F06744C0D7563A 185F9FF038A50F39 C1FDB2A0205EA0E5 33254508BB2EA48D
2FA93D1CE9523015 8B4ACFC4D2B8AFE6 04732E8BC4044582 9E18991C4F39F0BA
t=14: 7E32DC0E9F414783 E5F06744C0D7563A 185F9FF038A50F39 C1FDB2A0205EA0E5
3A9950AAA5E75884 2FA93D1CE9523015 8B4ACFC4D2B8AFE6 04732E8BC4044582
t=15: 1EAB6159AE87EF6D 7E32DC0E9F414783 3A9950AAA5E75884 2FA93D1CE9523015
153B895CFBC436C5 3A9950AAA5E75884 2FA93D1CE9523015 185F9FF038A50F39
t=16: 33EF2CEBBF1739AA 1EAB6159AE87EF6D 7E32DC0E9F414783 3A9950AAA5E75884
9D1A64BAF1D366AA 153B895CFBC436C5 3A9950AAA5E75884 2FA93D1CE9523015
t=17: 7DF1B65F1B87D6CA 33EF2CEBBF1739AA 1EAB6159AE87EF6D 7E32DC0E9F414783
5B6E369D36E8E181 9D1A64BAF1D366AA 153B895CFBC436C5 3A9950AAA5E75884
t=18: 63A24014A34BB0F6 7DF1B65F1B87D6CA 33EF2CEBBF1739AA 1EAB6159AE87EF6D
E13E610EAE680D85 5B6E369D36E8E181 9D1A64BAF1D366AA 153B895CFBC436C5
t=19: F1AABD313309509B 63A24014A34BB0F6 7DF1B65F1B87D6CA 33EF2CEBBF1739AA
674385F0D87DB94F E13E610EAE680D85 5B6E369D36E8E181 9D1A64BAF1D366AA
t=20: 9BA737AE88A72C64 F1AABD313309509B 63A24014A34BB0F6 7DF1B65F1B87D6CA
3FC2614C43906C0F 674385F0D87DB94F E13E610EAE680D85 5B6E369D36E8E181
t=21: 042C2DC9A5BF558A 9BA737AE88A72C64 F1AABD313309509B 63A24014A34BB0F6
19316BEB88E01F2 3FC2614C43906C0F 674385F0D87DB94F E13E610EAE680D85
t=22: 7799C75ACC748C0F 042C2DC9A5BF558A 9BA737AE88A72C64 F1AABD313309509B
A7BBD65BF64F58C8 19316BEB88E01F2 3FC2614C43906C0F 674385F0D87DB94F
t=23: CCF99A80F92BF002 7799C75ACC748C0F 042C2DC9A5BF558A 9BA737AE88A72C64
E52A24FAE4E8FC9B A7BBD65BF64F58C8 19316BEB88E01F2 3FC2614C43906C0F
t=24: AE993474363EFE68 CCF99A80F92BF002 7799C75ACC748C0F 042C2DC9A5BF558A
587F308D58681928 E52A24FAE4E8FC9B A7BBD65BF64F58C8 19316BEB88E01F2
t=25: 335063D1A2AEC92F AE993474363EFE68 CCF99A80F92BF002 7799C75ACC748C0F
C2D6D65E38C6EA79 587F308D58681928 E52A24FAE4E8FC9B A7BBD65BF64F58C8
t=26: 53A78B0CCA01BA37 335063D1A2AEC92F AE993474363EFE68 CCF99A80F92BF002
3B65A26C3C92C8F3 C2D6D65E38C6EA79 587F308D58681928 E52A24FAE4E8FC9B
t=27: AB7FFA529F622930 53A78B0CCA01BA37 335063D1A2AEC92F AE993474363EFE68
B9D8A2F2762901EA 3B65A26C3C92C8F3 C2D6D65E38C6EA79 587F308D58681928
t=28: E428BB43AFE3D63E AB7FFA529F622930 53A78B0CCA01BA37 335063D1A2AEC92F
6A8527525F898726 B9D8A2F2762901EA 3B65A26C3C92C8F3 C2D6D65E38C6EA79
t=29: BBED541A5128088C E428BB43AFE3D63E AB7FFA529F622930 53A78B0CCA01BA37
7973AADBDE294BE9 6A8527525F898726 B9D8A2F2762901EA 3B65A26C3C92C8F3
t=30: 4C5C38DF7EC8BAF4 BBED541A5128088C E428BB43AFE3D63E AB7FFA529F622930
422CEEA0200E9EE4 7973AADBDE294BE9 6A8527525F898726 B9D8A2F2762901EA
t=31: 4BA456EC244033ED 4C5C38DF7EC8BAF4 BBED541A5128088C E428BB43AFE3D63E
7CF40857056D86B0 422CEEA0200E9EE4 7973AADBDE294BE9 6A8527525F898726
t=32: AA4A6AB2AC5F5DD8 4BA456EC244033ED 4C5C38DF7EC8BAF4 BBED541A5128088C
AD2B1ECFB5BFC556 7CF40857056D86B0 422CEEA0200E9EE4 7973AADBDE294BE9
t=33: 9CB941F2CED774B3 AA4A6AB2AC5F5DD8 4BA456EC244033ED 4C5C38DF7EC8BAF4
029F66C7B4569BF0 AD2B1ECFB5BFC556 7CF40857056D86B0 422CEEA0200E9EE4
t=34: 39265F358594DE27 9CB941F2CED774B3 AA4A6AB2AC5F5DD8 4BA456EC244033ED
3F7B1C260C82E54F 029F66C7B4569BF0 AD2B1ECFB5BFC556 7CF40857056D86B0
t=35: 09CCA487D39B02A1 39265F358594DE27 9CB941F2CED774B3 AA4A6AB2AC5F5DD8

	4A22B37B58A5B1B0	3F7B1C260C82E54F	029F66C7B4569BF0	AD2B1ECFB5BFC556
t=36:	D48D97CE438CF4F0	09CCA487D39B02A1	39265F358594DE27	9CB941F2CED774B3
	A239E00B8BAA0410	4A22B37B58A5B1B0	3F7B1C260C82E54F	029F66C7B4569BF0
t=37:	D6F41E25A8B634D6	D48D97CE438CF4F0	09CCA487D39B02A1	39265F358594DE27
	25755CB8179DD0B0	A239E00B8BAA0410	4A22B37B58A5B1B0	3F7B1C260C82E54F
t=38:	54078334358573B4	D6F41E25A8B634D6	D48D97CE438CF4F0	09CCA487D39B02A1
	0E419FB0802B0EFC	25755CB8179DD0B0	A239E00B8BAA0410	4A22B37B58A5B1B0
t=39:	DB24F9A03F4FFF6B	54078334358573B4	D6F41E25A8B634D6	D48D97CE438CF4F0
	D30E99B4B394B090	0E419FB0802B0EFC	25755CB8179DD0B0	A239E00B8BAA0410
t=40:	3604C53A845EFC37	DB24F9A03F4FFF6B	54078334358573B4	D6F41E25A8B634D6
	791B2B4AF7338B99	D30E99B4B394B090	0E419FB0802B0EFC	25755CB8179DD0B0
t=41:	F41B1C0EEE89BDC6	3604C53A845EFC37	DB24F9A03F4FFF6B	54078334358573B4
	E319B77D9E4E87F9	791B2B4AF7338B99	D30E99B4B394B090	0E419FB0802B0EFC
t=42:	36644AE374632E3A	F41B1C0EEE89BDC6	3604C53A845EFC37	DB24F9A03F4FFF6B
	458250878A3972B2	E319B77D9E4E87F9	791B2B4AF7338B99	D30E99B4B394B090
t=43:	88806F6AE9FCD65B	36644AE374632E3A	F41B1C0EEE89BDC6	3604C53A845EFC37
	CFDE2E6EA54FA576	458250878A3972B2	E319B77D9E4E87F9	791B2B4AF7338B99
t=44:	51DCAA36995C301D	88806F6AE9FCD65B	36644AE374632E3A	F41B1C0EEE89BDC6
	E37F778353998050	CFDE2E6EA54FA576	458250878A3972B2	E319B77D9E4E87F9
t=45:	EF5E3885A2F238DF	51DCAA36995C301D	88806F6AE9FCD65B	36644AE374632E3A
	740E347F24E18FDA	E37F778353998050	CFDE2E6EA54FA576	458250878A3972B2
t=46:	EB3753F4283F4818	EF5E3885A2F238DF	51DCAA36995C301D	88806F6AE9FCD65B
	0AE48CF840BB8BE9	740E347F24E18FDA	E37F778353998050	CFDE2E6EA54FA576
t=47:	A6998D63A5D09E04	EB3753F4283F4818	EF5E3885A2F238DF	51DCAA36995C301D
	E21095012EE0B72A	0AE48CF840BB8BE9	740E347F24E18FDA	E37F778353998050
t=48:	D3698FB64DF175B0	A6998D63A5D09E04	EB3753F4283F4818	EF5E3885A2F238DF
	C2F0B90FFCE80739	E21095012EE0B72A	0AE48CF840BB8BE9	740E347F24E18FDA
t=49:	317A3B295B991914	D3698FB64DF175B0	A6998D63A5D09E04	EB3753F4283F4818
	1CADFF2E6CB5AA4D	C2F0B90FFCE80739	E21095012EE0B72A	0AE48CF840BB8BE9
t=50:	0941DA08148BA463	317A3B295B991914	D3698FB64DF175B0	A6998D63A5D09E04
	833EB9A4BB5A073E	1CADFF2E6CB5AA4D	C2F0B90FFCE80739	E21095012EE0B72A
t=51:	494AC238D68C3D0B	0941DA08148BA463	317A3B295B991914	D3698FB64DF175B0
	80C8FC138E645028	833EB9A4BB5A073E	1CADFF2E6CB5AA4D	C2F0B90FFCE80739
t=52:	C87E9168DB9E97DE	494AC238D68C3D0B	0941DA08148BA463	317A3B295B991914
	65CF7F6A829ACA04	80C8FC138E645028	833EB9A4BB5A073E	1CADFF2E6CB5AA4D
t=53:	EDB4448879391DBB	C87E9168DB9E97DE	494AC238D68C3D0B	0941DA08148BA463
	7729C85475DD318F	65CF7F6A829ACA04	80C8FC138E645028	833EB9A4BB5A073E
t=54:	073775C2456DC7DB	EDB4448879391DBB	C87E9168DB9E97DE	494AC238D68C3D0B
	A9CCA0B6266B1D77	7729C85475DD318F	65CF7F6A829ACA04	80C8FC138E645028
t=55:	54DE8857B24AFAF7	073775C2456DC7DB	EDB4448879391DBB	C87E9168DB9E97DE
	8DE51CFF2AE4B068	A9CCA0B6266B1D77	7729C85475DD318F	65CF7F6A829ACA04
t=56:	8A9CDD80F7F09C05	54DE8857B24AFAF7	073775C2456DC7DB	EDB4448879391DBB
	A60BA5E9EBAEB96A	8DE51CFF2AE4B068	A9CCA0B6266B1D77	7729C85475DD318F
t=57:	3EEB22A7524D8D7F	8A9CDD80F7F09C05	54DE8857B24AFAF7	073775C2456DC7DB
	E2E6830B139DF58F	A60BA5E9EBAEB96A	8DE51CFF2AE4B068	A9CCA0B6266B1D77
t=58:	0ED77C9CDE8883D3	3EEB22A7524D8D7F	8A9CDD80F7F09C05	54DE8857B24AFAF7
	38413A2052387A9E	E2E6830B139DF58F	A60BA5E9EBAEB96A	8DE51CFF2AE4B068
t=59:	E64E4135F9D30DBC	0ED77C9CDE8883D3	3EEB22A7524D8D7F	8A9CDD80F7F09C05
	45B640454C75C349	38413A2052387A9E	E2E6830B139DF58F	A60BA5E9EBAEB96A
t=60:	1CA93A293D544328	E64E4135F9D30DBC	0ED77C9CDE8883D3	3EEB22A7524D8D7F
	EFBEF83A35C0319E	45B640454C75C349	38413A2052387A9E	E2E6830B139DF58F
t=61:	3DC764F89E54043A	1CA93A293D544328	E64E4135F9D30DBC	0ED77C9CDE8883D3
	A57784945550CF94	EFBEF83A35C0319E	45B640454C75C349	38413A2052387A9E
t=62:	56FB5883F1C87A05	3DC764F89E54043A	1CA93A293D544328	E64E4135F9D30DBC
	F5198A41EB80E022	A57784945550CF94	EFBEF83A35C0319E	45B640454C75C349
t=63:	24A1124262A331C7	56FB5883F1C87A05	3DC764F89E54043A	1CA93A293D544328
	06EDACAE67B54AD	F5198A41EB80E022	A57784945550CF94	EFBEF83A35C0319E
t=64:	EB85D19201C89694	24A1124262A331C7	56FB5883F1C87A05	3DC764F89E54043A

	9CED24983EEC8723	06EDACAE6E7B54AD	F5198A41EB80E022	A57784945550CF94
t=65:	CC981AB3A59C1DB4	EB85D19201C89694	24A1124262A331C7	56FB5883F1C87A05
	EAC5516336BC8882	9CED24983EEC8723	06EDACAE6E7B54AD	F5198A41EB80E022
t=66:	CEEF5D997E148B44	CC981AB3A59C1DB4	EB85D19201C89694	24A1124262A331C7
	617BBF70BB165212	EAC5516336BC8882	9CED24983EEC8723	06EDACAE6E7B54AD
t=67:	689EDF608A8E3F14	CEEF5D997E148B44	CC981AB3A59C1DB4	EB85D19201C89694
	3280D88472C100FD	617BBF70BB165212	EAC5516336BC8882	9CED24983EEC8723
t=68:	1E6E0255AB88079F	689EDF608A8E3F14	CEEF5D997E148B44	CC981AB3A59C1DB4
	F2001138439902B1	3280D88472C100FD	617BBF70BB165212	EAC5516336BC8882
t=69:	8C5D3B7FDAD66E70	1E6E0255AB88079F	689EDF608A8E3F14	CEEF5D997E148B44
	90D18EC8B69F0345	F2001138439902B1	3280D88472C100FD	617BBF70BB165212
t=70:	32E5ED8655871E9B	8C5D3B7FDAD66E70	1E6E0255AB88079F	689EDF608A8E3F14
	51105F6241313777	90D18EC8B69F0345	F2001138439902B1	3280D88472C100FD
t=71:	BCD5061679BE7336	32E5ED8655871E9B	8C5D3B7FDAD66E70	1E6E0255AB88079F
	454B99F654443AD0	51105F6241313777	90D18EC8B69F0345	F2001138439902B1
t=72:	E7D913B6678E78EF	BCD5061679BE7336	32E5ED8655871E9B	8C5D3B7FDAD66E70
	1FF613B5AA63776E	454B99F654443AD0	51105F6241313777	90D18EC8B69F0345
t=73:	E6B8CB8DFA3475AB	E7D913B6678E78EF	BCD5061679BE7336	32E5ED8655871E9B
	2E75F34303D39BB0	1FF613B5AA63776E	454B99F654443AD0	51105F6241313777
t=74:	FDD4A30E168C4AE5	E6B8CB8DFA3475AB	E7D913B6678E78EF	BCD5061679BE7336
	83A35DBE2A64FC26	2E75F34303D39BB0	1FF613B5AA63776E	454B99F654443AD0
t=75:	12AEB6268DFA3E14	FDD4A30E168C4AE5	E6B8CB8DFA3475AB	E7D913B6678E78EF
	F660943B276786F7	83A35DBE2A64FC26	2E75F34303D39BB0	1FF613B5AA63776E
t=76:	055B73814CF102B4	12AEB6268DFA3E14	FDD4A30E168C4AE5	E6B8CB8DFA3475AB
	C4B149710F5D6A71	F660943B276786F7	83A35DBE2A64FC26	2E75F34303D39BB0
t=77:	95D33150DE6DF44C	055B73814CF102B4	12AEB6268DFA3E14	FDD4A30E168C4AE5
	C7F7BFF08EBF0D30	C4B149710F5D6A71	F660943B276786F7	83A35DBE2A64FC26
t=78:	5306143F64497B00	95D33150DE6DF44C	055B73814CF102B4	12AEB6268DFA3E14
	CA06A219CC701096	C7F7BFF08EBF0D30	C4B149710F5D6A71	F660943B276786F7
t=79:	FF44D7E1849DBFB3	5306143F64497B00	95D33150DE6DF44C	055B73814CF102B4
	1952E0C3A227C0F2	CA06A219CC701096	C7F7BFF08EBF0D30	C4B149710F5D6A71

H[0] = CBBB9D5DC1059ED8 + FF44D7E2849DBFB3 = CB00753F45A35E8B
H[1] = 629A292A367CD507 + 5306143F64497B00 = B5A03D699AC65007
H[2] = 9159015A3070DD17 + 95D33151DE6DF44C = 272C32AB0EDED163
H[3] = 152FEC8D8F70E5939 + 055B73824CF102B4 = 1A8B605A43FF5BED
H[4] = 67332667FFC00B31 + 1952E0C4A227C0F2 = 8086072BA1E7CC23
H[5] = 8EB44A8768581511 + CA06A21ACC701096 = 58BAECA134C825A7
H[6] = DB0C2E0D64F98FA7 + C7F7BFF08EBF0D30 = A303EDDF3B89CD7
H[7] = 47B5481DBEFA4FA4 + C4B149718EBF0D30 = 0C66918ECE57BA15

Message Digest is

CB00753F 45A35E8B B5A03D69 9AC65007 272C32AB 0EDED163
1A8B605A 43FF5BED 8086072B A1E7CC23 58BAECA1 34C825A7

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Two Block Message Sample

Input Message:

"abcdefghijklmnopqrstu
abcdefghijklmnopqrstu"

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Initial hash value:

- H[0] = CBBB9D5DC1059ED8
- H[1] = 629A292A367CD507
- H[2] = 9159015A3070DD17
- H[3] = 152FEC8F70E5939
- H[4] = 67332667FFC00B31
- H[5] = 8EB44A8768581511
- H[6] = DB0C2E0D64F98FA7
- H[7] = 47B5481DBEFA4FA4

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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:	4709949195EDA6F0 BD03F70923C6DD61	CBBB9D5DC1059ED8 67332667FFC00B31	629A292A367CD507 8EB44A8768581511	9159015A3070DD17 DB0C2E0D64F98FA7
t= 1:	78D3F8BC03A38303 AE067F071CD18A36	4709949195EDA6F0 BD03F70923C6DD61	CBBB9D5DC1059ED8 67332667FFC00B31	629A292A367CD507 8EB44A8768581511
t= 2:	ED59D30BEFF95306 C180C7A74ED5CF1F	78D3F8BC03A38303 AE067F071CD18A36	4709949195EDA6F0 BD03F70923C6DD61	CBBB9D5DC1059ED8 67332667FFC00B31
t= 3:	8E7FE2ABA3168F2B D92D19667920B327	ED59D30BEFF95306 C180C7A74ED5CF1F	78D3F8BC03A38303 AE067F071CD18A36	4709949195EDA6F0 BD03F70923C6DD61
t= 4:	1174F9B374A9263A DD371F2D13661C52	8E7FE2ABA3168F2B D92D19667920B327	ED59D30BEFF95306 C180C7A74ED5CF1F	78D3F8BC03A38303 AE067F071CD18A36
t= 5:	27AAAFB7FBEBF806B 21AF3C6430A9AF9C	1174F9B374A9263A DD371F2D13661C52	8E7FE2ABA3168F2B D92D19667920B327	ED59D30BEFF95306 C180C7A74ED5CF1F
t= 6:	B352D03A0BD34D65 69397DE9A30E1473	27AAAFB7FBEBF806B 21AF3C6430A9AF9C	1174F9B374A9263A DD371F2D13661C52	8E7FE2ABA3168F2B D92D19667920B327
t= 7:	412DB7F990563D7C 5062FD5924E2B62E	B352D03A0BD34D65 69397DE9A30E1473	27AAAFB7FBEBF806B 21AF3C6430A9AF9C	1174F9B374A9263A DD371F2D13661C52
t= 8:	0F79040546E6EDF7 6B6C511B25A6BDBC	412DB7F990563D7C 5062FD5924E2B62E	B352D03A0BD34D65 69397DE9A30E1473	27AAAFB7FBEBF806B 21AF3C6430A9AF9C
t= 9:	EBF02410F67B8EE7 DAC695B91543AE80	0F79040546E6EDF7 6B6C511B25A6BDBC	412DB7F990563D7C 5062FD5924E2B62E	B352D03A0BD34D65 69397DE9A30E1473
t=10:	97AA05D89B8DBE6D 83B8B72646C0B598	EBF02410F67B8EE7 DAC695B91543AE80	0F79040546E6EDF7 6B6C511B25A6BDBC	412DB7F990563D7C 5062FD5924E2B62E
t=11:	23D0A36B692118EB A5F6C5155E221E8C	97AA05D89B8DBE6D 83B8B72646C0B598	EBF02410F67B8EE7 DAC695B91543AE80	0F79040546E6EDF7 6B6C511B25A6BDBC
t=12:	E1041368D2FCA1A2 AE01675BFB003180	23D0A36B692118EB A5F6C5155E221E8C	97AA05D89B8DBE6D 83B8B72646C0B598	EBF02410F67B8EE7 DAC695B91543AE80

t=13: 45BD6F69EFEC540D E1041368D2FCA1A2 23D0A36B692118EB 97AA05D89B8DBE6D
C35CC50C1CF7EF98 AE01675BFB003180 A5F6C5155E221E8C 83B8B72646C0B598
t=14: C237FA23ABB9BC16 45BD6F69EFEC540D E1041368D2FCA1A2 23D0A36B692118EB
A16C4F134B28923E C35CC50C1CF7EF98 AE01675BFB003180 A5F6C5155E221E8C
t=15: B4092DF1C0F81853 C237FA23ABB9BC16 45BD6F69EFEC540D E1041368D2FCA1A2
008178E17FA649F2 A16C4F134B28923E C35CC50C1CF7EF98 AE01675BFB003180
t=16: 21E5C91D11809C13 B4092DF1C0F81853 C237FA23ABB9BC16 45BD6F69EFEC540D
A26DFA04ED8C9B63 008178E17FA649F2 A16C4F134B28923E C35CC50C1CF7EF98
t=17: 2C957137CD4304A5 21E5C91D11809C13 B4092DF1C0F81853 C237FA23ABB9BC16
6BE210614B10949B A26DFA04ED8C9B63 008178E17FA649F2 A16C4F134B28923E
t=18: 2180E61AFE322BC7 2C957137CD4304A5 21E5C91D11809C13 B4092DF1C0F81853
76396996200065F7 6BE210614B10949B A26DFA04ED8C9B63 008178E17FA649F2
t=19: F2911C11C96E5FF5 2180E61AFE322BC7 2C957137CD4304A5 21E5C91D11809C13
1BC2160F4F3711DC 76396996200065F7 6BE210614B10949B A26DFA04ED8C9B63
t=20: 5EAB10B19A5143A8 F2911C11C96E5FF5 2180E61AFE322BC7 2C957137CD4304A5
98D2B19D201F2BB6 1BC2160F4F3711DC 76396996200065F7 6BE210614B10949B
t=21: 29C5348D87CD5590 5EAB10B19A5143A8 F2911C11C96E5FF5 2180E61AFE322BC7
4324C8CACCF7753C 98D2B19D201F2BB6 1BC2160F4F3711DC 76396996200065F7
t=22: 33C6B4A0166B7C9C 29C5348D87CD5590 5EAB10B19A5143A8 F2911C11C96E5FF5
D49CEF5BD2DEC121 4324C8CACCF7753C 98D2B19D201F2BB6 1BC2160F4F3711DC
t=23: 1DB4EE606D2A7A96 33C6B4A0166B7C9C 29C5348D87CD5590 5EAB10B19A5143A8
B17D15B397521AB3 D49CEF5BD2DEC121 4324C8CACCF7753C 98D2B19D201F2BB6
t=24: 5CEF5B2F00142660 1DB4EE606D2A7A96 33C6B4A0166B7C9C 29C5348D87CD5590
789E540F22E13932 B17D15B397521AB3 D49CEF5BD2DEC121 4324C8CACCF7753C
t=25: FF74F4A162435903 5CEF5B2F00142660 1DB4EE606D2A7A96 33C6B4A0166B7C9C
6C0BE33DCC6E7572 789E540F22E13932 B17D15B397521AB3 D49CEF5BD2DEC121
t=26: 41740B736E9676A9 FF74F4A162435903 5CEF5B2F00142660 1DB4EE606D2A7A96
D8E401251592DA6C 6C0BE33DCC6E7572 789E540F22E13932 B17D15B397521AB3
t=27: 931059FE9279FF1D 41740B736E9676A9 FF74F4A162435903 5CEF5B2F00142660
7F31116887EEA596 D8E401251592DA6C 6C0BE33DCC6E7572 789E540F22E13932
t=28: 356D08D982E2EAD4 931059FE9279FF1D 41740B736E9676A9 FF74F4A162435903
40C28C34B1BBE906 7F31116887EEA596 D8E401251592DA6C 6C0BE33DCC6E7572
t=29: 89DC825E7235C74B 356D08D982E2EAD4 931059FE9279FF1D 41740B736E9676A9
7A499AE05DA50BF2 40C28C34B1BBE906 7F31116887EEA596 D8E401251592DA6C
t=30: 97901F333E662FDC 89DC825E7235C74B 356D08D982E2EAD4 931059FE9279FF1D
4472B2E331DDFAB4 7A499AE05DA50BF2 40C28C34B1BBE906 7F31116887EEA596
t=31: 69C8F40EB38B6022 97901F333E662FDC 89DC825E7235C74B 356D08D982E2EAD4
177589502DD39AA2 4472B2E331DDFAB4 7A499AE05DA50BF2 40C28C34B1BBE906
t=32: 4920943FFE52B207 69C8F40EB38B6022 97901F333E662FDC 89DC825E7235C74B
6B813A0D0CDF4991 177589502DD39AA2 4472B2E331DDFAB4 7A499AE05DA50BF2
t=33: B4CB0DF332D108AB 4920943FFE52B207 69C8F40EB38B6022 97901F333E662FDC
8FE3D28097F18618 6B813A0D0CDF4991 177589502DD39AA2 4472B2E331DDFAB4
t=34: E7748FBF744A5240 B4CB0DF332D108AB 4920943FFE52B207 69C8F40EB38B6022
0D7AB03208F1D7A5 8FE3D28097F18618 6B813A0D0CDF4991 177589502DD39AA2
t=35: 7416CA18D9E265E0 E7748FBF744A5240 B4CB0DF332D108AB 4920943FFE52B207
11200C2D47C082F8 0D7AB03208F1D7A5 8FE3D28097F18618 6B813A0D0CDF4991
t=36: 75476F5456E82F9C 7416CA18D9E265E0 E7748FBF744A5240 B4CB0DF332D108AB
3024702447F76224 11200C2D47C082F8 0D7AB03208F1D7A5 8FE3D28097F18618
t=37: F638A568B53A2F8F 75476F5456E82F9C 7416CA18D9E265E0 E7748FBF744A5240
6217C1C02153302C 3024702447F76224 11200C2D47C082F8 0D7AB03208F1D7A5
t=38: C418F6F90602C79A F638A568B53A2F8F 75476F5456E82F9C 7416CA18D9E265E0
87F0901C227ADBB3 6217C1C02153302C 3024702447F76224 11200C2D47C082F8
t=39: 4F1F4F21DF3DCF43 C418F6F90602C79A F638A568B53A2F8F 75476F5456E82F9C
FB7C63FCDDF4A1C2 87F0901C227ADBB3 6217C1C02153302C 3024702447F76224
t=40: 13EB82E4B98D0E67 4F1F4F21DF3DCF43 C418F6F90602C79A F638A568B53A2F8F
FB6C0E54D48D4F2D FB7C63FCDDF4A1C2 87F0901C227ADBB3 6217C1C02153302C
t=41: 820E75046567BACE 13EB82E4B98D0E67 4F1F4F21DF3DCF43 C418F6F90602C79A
B16A9397472F0123 FB6C0E54D48D4F2D FB7C63FCDDF4A1C2 87F0901C227ADBB3

t=42: 741FA5DC290DD02C 820E75046567BACE 13EB82E4B98D0E67 4F1F4F21DF3DCF43
ED40C88214823792 B16A9397472F0123 FB6C0E54D48D4F2D FB7C63FCDDF4A1C2
t=43: A4809BF6DA6AA8BD 741FA5DC290DD02C 820E75046567BACE 13EB82E4B98D0E67
BEC3D7E88C855194 ED40C88214823792 B16A9397472F0123 FB6C0E54D48D4F2D
t=44: D70B1AA4C800979C A4809BF6DA6AA8BD 741FA5DC290DD02C 820E75046567BACE
4962F310BDBD54B0 BEC3D7E88C855194 ED40C88214823792 B16A9397472F0123
t=45: 9A195492CFDB4745 D70B1AA4C800979C A4809BF6DA6AA8BD 741FA5DC290DD02C
2C82D09CF05CF687 4962F310BDBD54B0 BEC3D7E88C855194 ED40C88214823792
t=46: B7E68364F07F017E 9A195492CFDB4745 D70B1AA4C800979C A4809BF6DA6AA8BD
2A1FFB84031B1B6C 2C82D09CF05CF687 4962F310BDBD54B0 BEC3D7E88C855194
t=47: 0E574B8E0B35E452 B7E68364F07F017E 9A195492CFDB4745 D70B1AA4C800979C
29BDAB29EE472A23 2A1FFB84031B1B6C 2C82D09CF05CF687 4962F310BDBD54B0
t=48: C176009CF82FA842 0E574B8E0B35E452 B7E68364F07F017E 9A195492CFDB4745
CCA47FBE31B335F4 29BDAB29EE472A23 2A1FFB84031B1B6C 2C82D09CF05CF687
t=49: 5D4F78C7A9BDBED2 C176009CF82FA842 0E574B8E0B35E452 B7E68364F07F017E
EAF198615E99FFDC CCA47FBE31B335F4 29BDAB29EE472A23 2A1FFB84031B1B6C
t=50: 51AB3BE828D8D13C 5D4F78C7A9BDBED2 C176009CF82FA842 0E574B8E0B35E452
BD527CD188FB59AE EAF198615E99FFDC CCA47FBE31B335F4 29BDAB29EE472A23
t=51: 4D639EF80D0F6D3E 51AB3BE828D8D13C 5D4F78C7A9BDBED2 C176009CF82FA842
B2611B90F90D732F BD527CD188FB59AE EAF198615E99FFDC CCA47FBE31B335F4
t=52: BBA9C9EFE0FBC6C8 4D639EF80D0F6D3E 51AB3BE828D8D13C 5D4F78C7A9BDBED2
FC0579337591A2C9 B2611B90F90D732F BD527CD188FB59AE EAF198615E99FFDC
t=53: 3405D7CAD2E8A689 BBA9C9EFE0FBC6C8 4D639EF80D0F6D3E 51AB3BE828D8D13C
0F6649F64EC8E109 FC0579337591A2C9 B2611B90F90D732F BD527CD188FB59AE
t=54: EA54D908505798B3 3405D7CAD2E8A689 BBA9C9EFE0FBC6C8 4D639EF80D0F6D3E
EF48A48999108077 0F6649F64EC8E109 FC0579337591A2C9 B2611B90F90D732F
t=55: BE31D1C0CCC143BC EA54D908505798B3 3405D7CAD2E8A689 BBA9C9EFE0FBC6C8
4FC2D4CAD0C91AFC EF48A48999108077 0F6649F64EC8E109 FC0579337591A2C9
t=56: 285A76D23F6A0073 BE31D1C0CCC143BC EA54D908505798B3 3405D7CAD2E8A689
A730855599B738A3 4FC2D4CAD0C91AFC EF48A48999108077 0F6649F64EC8E109
t=57: A714CEFF14BEBBC24 285A76D23F6A0073 BE31D1C0CCC143BC EA54D908505798B3
53C581DAE1831D80 A730855599B738A3 4FC2D4CAD0C91AFC EF48A48999108077
t=58: 697CA14913A50A26 A714CEFF14BEBBC24 285A76D23F6A0073 BE31D1C0CCC143BC
34D39344354AACD2 53C581DAE1831D80 A730855599B738A3 4FC2D4CAD0C91AFC
t=59: 3A38FA3775D7007C 697CA14913A50A26 A714CEFF14BEBBC24 285A76D23F6A0073
E26F3A21E9A27691 34D39344354AACD2 53C581DAE1831D80 A730855599B738A3
t=60: 44EA14D8E450C844 3A38FA3775D7007C 697CA14913A50A26 A714CEFF14BEBBC24
5319374FB88DD485 E26F3A21E9A27691 34D39344354AACD2 53C581DAE1831D80
t=61: 0928B75C925F91E2 44EA14D8E450C844 3A38FA3775D7007C 697CA14913A50A26
79F4BE3C5A372911 5319374FB88DD485 E26F3A21E9A27691 34D39344354AACD2
t=62: 6DB5469FA19C0E27 0928B75C925F91E2 44EA14D8E450C844 3A38FA3775D7007C
16BEEC0FEC168E79 79F4BE3C5A372911 5319374FB88DD485 E26F3A21E9A27691
t=63: 384E3159898A7362 6DB5469FA19C0E27 0928B75C925F91E2 44EA14D8E450C844
55FA3AD1102298A8 16BEEC0FEC168E79 79F4BE3C5A372911 5319374FB88DD485
t=64: 483C64D3FDEBF828 384E3159898A7362 6DB5469FA19C0E27 0928B75C925F91E2
1A238431921EA75E 55FA3AD1102298A8 16BEEC0FEC168E79 79F4BE3C5A372911
t=65: C9464988A1939BCF 483C64D3FDEBF828 384E3159898A7362 6DB5469FA19C0E27
E3F3F08AC90F86CD 1A238431921EA75E 55FA3AD1102298A8 16BEEC0FEC168E79
t=66: 98BC93BCA795059C C9464988A1939BCF 483C64D3FDEBF828 384E3159898A7362
9E04FB49A5FD91DE E3F3F08AC90F86CD 1A238431921EA75E 55FA3AD1102298A8
t=67: B6FC101AD1D74E20 98BC93BCA795059C C9464988A1939BCF 483C64D3FDEBF828
FD13CD3620F6C1F4 9E04FB49A5FD91DE E3F3F08AC90F86CD 1A238431921EA75E
t=68: FAC26E6E4DA4705D B6FC101AD1D74E20 98BC93BCA795059C C9464988A1939BCF
0D60228AA6E55B6E FD13CD3620F6C1F4 9E04FB49A5FD91DE E3F3F08AC90F86CD
t=69: 2A630C58CC27FCAA FAC26E6E4DA4705D B6FC101AD1D74E20 98BC93BCA795059C
A2F7F27A3EC25ABA 0D60228AA6E55B6E FD13CD3620F6C1F4 9E04FB49A5FD91DE
t=70: 159A02D4FAEE11B4 2A630C58CC27FCAA FAC26E6E4DA4705D B6FC101AD1D74E20
B2860FC55BDEDAE6 A2F7F27A3EC25ABA 0D60228AA6E55B6E FD13CD3620F6C1F4

t=71:	9D38BDB9DF22B557 DFC37C68AF65F8BC	159A02D4FAEE11B4 B2860FC55BDEDAA6	2A630C58CC27FCAA A2F7F27A3EC25ABA	FAC26E6E4DA4705D 0D60228AA6E55B6E
t=72:	D42C3A57CFA78513 BB56DEA6A325BA32	9D38BDB9DF22B557 DFC37C68AF65F8BC	159A02D4FAEE11B4 B2860FC55BDEDAA6	2A630C58CC27FCAA A2F7F27A3EC25ABA
t=73:	ABAB4B0CA75A17C7 9AC71D1C037A8BBB	D42C3A57CFA78513 BB56DEA6A325BA32	9D38BDB9DF22B557 DFC37C68AF65F8BC	159A02D4FAEE11B4 B2860FC55BDEDAA6
t=74:	500F7B61186F6C2E 8347F5736531B3EC	ABAB4B0CA75A17C7 9AC71D1C037A8BBB	D42C3A57CFA78513 BB56DEA6A325BA32	9D38BDB9DF22B557 DFC37C68AF65F8BC
t=75:	4ABE0AF6A67DB2FE 14E986342DDCED0F	500F7B61186F6C2E 8347F5736531B3EC	ABAB4B0CA75A17C7 9AC71D1C037A8BBB	D42C3A57CFA78513 BB56DEA6A325BA32
t=76:	E1053FC85F9E56BE 4779767CC2EC5321	4ABE0AF6A67DB2FE 14E986342DDCED0F	500F7B61186F6C2E 8347F5736531B3EC	ABAB4B0CA75A17C7 9AC71D1C037A8BBB
t=77:	7001201948FB3D71 5CDF6C58FC052572	E1053FC85F9E56BE 4779767CC2EC5321	4ABE0AF6A67DB2FE 14E986342DDCED0F	500F7B61186F6C2E 8347F5736531B3EC
t=78:	88146DA76FF6F23A 8901CFFE7A74DB98	7001201948FB3D71 5CDF6C58FC052572	E1053FC85F9E56BE 4779767CC2EC5321	4ABE0AF6A67DB2FE 14E986342DDCED0F
t=79:	5EC3802B9ECFEF33 5F2EEAD69EFB4233	88146DA76FF6F23A 8901CFFE7A74DB98	7001201948FB3D71 5CDF6C58FC052572	E1053FC85F9E56BE 4779767CC2EC5321

H[0] = CBBB9D5DC1059ED8 + 5EC3802C9ECFEF33 = 2A7F1D895FD58E0B
H[1] = 629A292A367CD507 + 88146DA76FF6F23A = EAAE96D1A673C741
H[2] = 9159015A3070DD17 + 7001201948FB3D71 = 015A2173796C1A88
H[3] = 152FECDD8F70E5939 + E1053FC95F9E56BE = F6352CA156ACAFF7
H[4] = 67332667FFC00B31 + 5F2EEAD79EFB4233 = C662113E9EBB4D64
H[5] = 8EB44A8768581511 + 8901CFFE7A74DB98 = 17B61A85E2CCF0A9
H[6] = DB0C2E0D64F98FA7 + 5CDF6C59FC052572 = 37EB9A6660FEB519
H[7] = 47B5481DBEFA4FA4 + 4779767DFC052572 = 8F2EBE9A81E6A2C5

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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:	657A3C2CA9639D40 791F2AD0055FDD62	2A7F1D895FD58E0B C662113E9EBB4D64	EAAE96D1A673C741 17B61A85E2CCF0A9	015A2173796C1A88 37EB9A6660FEB519
t= 1:	2A4AD5D9B9FD6D86 DBF2E656B5BE3F14	657A3C2CA9639D40 791F2AD0055FDD62	2A7F1D895FD58E0B C662113E9EBB4D64	EAAE96D1A673C741 17B61A85E2CCF0A9
t= 2:	F0AA6758653D1664 6E0466C82F4FD35D	2A4AD5D9B9FD6D86 DBF2E656B5BE3F14	657A3C2CA9639D40 791F2AD0055FDD62	2A7F1D895FD58E0B C662113E9EBB4D64
t= 3:	43A76F011A73D317 1367BD36D15E8B40	F0AA6758653D1664 6E0466C82F4FD35D	2A4AD5D9B9FD6D86 DBF2E656B5BE3F14	657A3C2CA9639D40 791F2AD0055FDD62
t= 4:	D802C2DFD7CC48F6	43A76F011A73D317	F0AA6758653D1664	2A4AD5D9B9FD6D86

	F73D759B839A2A21	1367BD36D15E8B40	6E0466C82F4FD35D	DBF2E656B5BE3F14
t= 5:	481208E5E8314602	D802C2DFD7CC48F6	43A76F011A73D317	F0AA6758653D1664
	6B2271A46F14C843	F73D759B839A2A21	1367BD36D15E8B40	6E0466C82F4FD35D
t= 6:	AF9F8112DF35CF33	481208E5E8314602	D802C2DFD7CC48F6	43A76F011A73D317
	257F4A7D524D7B0B	6B2271A46F14C843	F73D759B839A2A21	1367BD36D15E8B40
t= 7:	6730781342D1131B	AF9F8112DF35CF33	481208E5E8314602	D802C2DFD7CC48F6
	81957AD408CEC995	257F4A7D524D7B0B	6B2271A46F14C843	F73D759B839A2A21
t= 8:	82E64C677356A82E	6730781342D1131B	AF9F8112DF35CF33	481208E5E8314602
	10B62FDCE4EBAA51	81957AD408CEC995	257F4A7D524D7B0B	6B2271A46F14C843
t= 9:	203578820A8F27D0	82E64C677356A82E	6730781342D1131B	AF9F8112DF35CF33
	9937B3A0CB9248A1	10B62FDCE4EBAA51	81957AD408CEC995	257F4A7D524D7B0B
t=10:	0BAC2A84C29A1E2B	203578820A8F27D0	82E64C677356A82E	6730781342D1131B
	6AD288DAB3DE0D53	9937B3A0CB9248A1	10B62FDCE4EBAA51	81957AD408CEC995
t=11:	DD3FF8A140485C25	0BAC2A84C29A1E2B	203578820A8F27D0	82E64C677356A82E
	3149B728123C465E	6AD288DAB3DE0D53	9937B3A0CB9248A1	10B62FDCE4EBAA51
t=12:	E826239F830C5346	DD3FF8A140485C25	0BAC2A84C29A1E2B	203578820A8F27D0
	4BB7B199C4CED186	3149B728123C465E	6AD288DAB3DE0D53	9937B3A0CB9248A1
t=13:	32215CE49AAE40F8	E826239F830C5346	DD3FF8A140485C25	0BAC2A84C29A1E2B
	9A2872C72D790D49	4BB7B199C4CED186	3149B728123C465E	6AD288DAB3DE0D53
t=14:	859533BAC457F94E	32215CE49AAE40F8	E826239F830C5346	DD3FF8A140485C25
	539F225D25EBEB4C	9A2872C72D790D49	4BB7B199C4CED186	3149B728123C465E
t=15:	A88704D9962849F3	859533BAC457F94E	32215CE49AAE40F8	E826239F830C5346
	63BF0472EF24F7A5	539F225D25EBEB4C	9A2872C72D790D49	4BB7B199C4CED186
t=16:	3AA5C566A6CFAD1C	A88704D9962849F3	859533BAC457F94E	32215CE49AAE40F8
	CE23F6380EAD33C2	63BF0472EF24F7A5	539F225D25EBEB4C	9A2872C72D790D49
t=17:	2E9C483A7C08C9C1	3AA5C566A6CFAD1C	A88704D9962849F3	859533BAC457F94E
	B033F945F3E6B4A2	CE23F6380EAD33C2	63BF0472EF24F7A5	539F225D25EBEB4C
t=18:	5A68585AE0835231	2E9C483A7C08C9C1	3AA5C566A6CFAD1C	A88704D9962849F3
	8A0187A9CE93D875	B033F945F3E6B4A2	CE23F6380EAD33C2	63BF0472EF24F7A5
t=19:	CF9CD481E6407CED	5A68585AE0835231	2E9C483A7C08C9C1	3AA5C566A6CFAD1C
	37A29FA30531BAC7	8A0187A9CE93D875	B033F945F3E6B4A2	CE23F6380EAD33C2
t=20:	3F463F864F6474D9	CF9CD481E6407CED	5A68585AE0835231	2E9C483A7C08C9C1
	0CF45BB3C07E847D	37A29FA30531BAC7	8A0187A9CE93D875	B033F945F3E6B4A2
t=21:	CEA26288DF931A5	3F463F864F6474D9	CF9CD481E6407CED	5A68585AE0835231
	34F1B5F46BF48A73	0CF45BB3C07E847D	37A29FA30531BAC7	8A0187A9CE93D875
t=22:	89634CD0F4F6C08A	CEA26288DF931A5	3F463F864F6474D9	CF9CD481E6407CED
	3A728A543405A8E4	34F1B5F46BF48A73	0CF45BB3C07E847D	37A29FA30531BAC7
t=23:	625FA38464E5C880	89634CD0F4F6C08A	CEA26288DF931A5	3F463F864F6474D9
	CEE1B47A49B2FC42	3A728A543405A8E4	34F1B5F46BF48A73	0CF45BB3C07E847D
t=24:	7DD21453A15A3B92	625FA38464E5C880	89634CD0F4F6C08A	CEA26288DF931A5
	9308BFA1BE1F800B	CEE1B47A49B2FC42	3A728A543405A8E4	34F1B5F46BF48A73
t=25:	3D76277BC8CB0601	7DD21453A15A3B92	625FA38464E5C880	89634CD0F4F6C08A
	480E017F5D1F0B1E	9308BFA1BE1F800B	CEE1B47A49B2FC42	3A728A543405A8E4
t=26:	C8D904196F5A1F54	3D76277BC8CB0601	7DD21453A15A3B92	625FA38464E5C880
	4BD2F1F6E940C332	480E017F5D1F0B1E	9308BFA1BE1F800B	CEE1B47A49B2FC42
t=27:	B033139B58B6E423	C8D904196F5A1F54	3D76277BC8CB0601	7DD21453A15A3B92
	F816EC1CBE0ADAFB	4BD2F1F6E940C332	480E017F5D1F0B1E	9308BFA1BE1F800B
t=28:	097768182CB65F57	B033139B58B6E423	C8D904196F5A1F54	3D76277BC8CB0601
	62E3DE54DCD8F974	F816EC1CBE0ADAFB	4BD2F1F6E940C332	480E017F5D1F0B1E
t=29:	3196649AB5F5CC39	097768182CB65F57	B033139B58B6E423	C8D904196F5A1F54
	F6887DE116D0BD8F	62E3DE54DCD8F974	F816EC1CBE0ADAFB	4BD2F1F6E940C332
t=30:	F78D3D221D16965F	3196649AB5F5CC39	097768182CB65F57	B033139B58B6E423
	C7E4859C2858ED3C	F6887DE116D0BD8F	62E3DE54DCD8F974	F816EC1CBE0ADAFB
t=31:	F58E9876B4984B51	F78D3D221D16965F	3196649AB5F5CC39	097768182CB65F57
	621352B394B8CA02	C7E4859C2858ED3C	F6887DE116D0BD8F	62E3DE54DCD8F974
t=32:	38FBF0E726E04F78	F58E9876B4984B51	F78D3D221D16965F	3196649AB5F5CC39
	4319856F17A0A430	621352B394B8CA02	C7E4859C2858ED3C	F6887DE116D0BD8F
t=33:	F4BE0B32A57597A2	38FBF0E726E04F78	F58E9876B4984B51	F78D3D221D16965F

	C6D392A3B4EB0ED8	4319856F17A0A430	621352B394B8CA02	C7E4859C2858ED3C
t=34:	F8A6B3FE2E4F0634	F4BE0B32A57597A2	38FBF0E726E04F78	F58E9876B4984B51
	602663C0F34EFF33	C6D392A3B4EB0ED8	4319856F17A0A430	621352B394B8CA02
t=35:	9BC3871BE8046113	F8A6B3FE2E4F0634	F4BE0B32A57597A2	38FBF0E726E04F78
	05542ECD9883C6BA	602663C0F34EFF33	C6D392A3B4EB0ED8	4319856F17A0A430
t=36:	F1BD2D46BE619585	9BC3871BE8046113	F8A6B3FE2E4F0634	F4BE0B32A57597A2
	E47B9933BAFDC655	05542ECD9883C6BA	602663C0F34EFF33	C6D392A3B4EB0ED8
t=37:	24C84B58D119AFFE	F1BD2D46BE619585	9BC3871BE8046113	F8A6B3FE2E4F0634
	5AE0B1175BEB5D2B	E47B9933BAFDC655	05542ECD9883C6BA	602663C0F34EFF33
t=38:	EC6D3ABC2B291FD3	24C84B58D119AFFE	F1BD2D46BE619585	9BC3871BE8046113
	9ECC381D277748A3	5AE0B1175BEB5D2B	E47B9933BAFDC655	05542ECD9883C6BA
t=39:	E266C1F77D5EE90E	EC6D3ABC2B291FD3	24C84B58D119AFFE	F1BD2D46BE619585
	D92F34C110296B32	9ECC381D277748A3	5AE0B1175BEB5D2B	E47B9933BAFDC655
t=40:	5ADBAA463642B570	E266C1F77D5EE90E	EC6D3ABC2B291FD3	24C84B58D119AFFE
	83E8F410F859388E	D92F34C110296B32	9ECC381D277748A3	5AE0B1175BEB5D2B
t=41:	50FDB7BB2E499A34	5ADBAA463642B570	E266C1F77D5EE90E	EC6D3ABC2B291FD3
	257ED8EA645E933A	83E8F410F859388E	D92F34C110296B32	9ECC381D277748A3
t=42:	06514212BB7FA152	50FDB7BB2E499A34	5ADBAA463642B570	E266C1F77D5EE90E
	466781DB35181ABE	257ED8EA645E933A	83E8F410F859388E	D92F34C110296B32
t=43:	673ED5A55FF2B07D	06514212BB7FA152	50FDB7BB2E499A34	5ADBAA463642B570
	BA78F3545E7914F0	466781DB35181ABE	257ED8EA645E933A	83E8F410F859388E
t=44:	125E2E5118393E2B	673ED5A55FF2B07D	06514212BB7FA152	50FDB7BB2E499A34
	4453B23A3E13B090	BA78F3545E7914F0	466781DB35181ABE	257ED8EA645E933A
t=45:	07EE813DF5910CEC	125E2E5118393E2B	673ED5A55FF2B07D	06514212BB7FA152
	EAE013A0510D23CC	4453B23A3E13B090	BA78F3545E7914F0	466781DB35181ABE
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	A93815EB58891016	EAE013A0510D23CC	4453B23A3E13B090	BA78F3545E7914F0
t=47:	0FC8F3B3EFCB1B96	0A0508F0A1D719C3	07EE813DF5910CEC	125E2E5118393E2B
	A071CC73B966E801	A93815EB58891016	EAE013A0510D23CC	4453B23A3E13B090
t=48:	02AA5B28199F304A	0FC8F3B3EFCB1B96	0A0508F0A1D719C3	07EE813DF5910CEC
	A49F1E14F8A2BE7A	A071CC73B966E801	A93815EB58891016	EAE013A0510D23CC
t=49:	9223E1B34382F104	02AA5B28199F304A	0FC8F3B3EFCB1B96	0A0508F0A1D719C3
	BFE2106E512A7331	A49F1E14F8A2BE7A	A071CC73B966E801	A93815EB58891016
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	592B899B35469A78	BFE2106E512A7331	A49F1E14F8A2BE7A	A071CC73B966E801
t=51:	FA7B17AAD857C2F4	E01A1E47EE8D5656	9223E1B34382F104	02AA5B28199F304A
	EB6E85E4682C1671	592B899B35469A78	BFE2106E512A7331	A49F1E14F8A2BE7A
t=52:	0C523B7A3C84AB77	FA7B17AAD857C2F4	E01A1E47EE8D5656	9223E1B34382F104
	B5E80E871AC0C005	EB6E85E4682C1671	592B899B35469A78	BFE2106E512A7331
t=53:	C773D8B69DA1FDE2	0C523B7A3C84AB77	FA7B17AAD857C2F4	E01A1E47EE8D5656
	BE2B0602FC6F8F65	B5E80E871AC0C005	EB6E85E4682C1671	592B899B35469A78
t=54:	C6B1BC79A4F23679	C773D8B69DA1FDE2	0C523B7A3C84AB77	FA7B17AAD857C2F4
	C80BDC57F38A05E4	BE2B0602FC6F8F65	B5E80E871AC0C005	EB6E85E4682C1671
t=55:	BEF9BB0FE467FD60	C6B1BC79A4F23679	C773D8B69DA1FDE2	0C523B7A3C84AB77
	1DAB0BD116E434E5	C80BDC57F38A05E4	BE2B0602FC6F8F65	B5E80E871AC0C005
t=56:	8E3DB3E380EC7F22	BEF9BB0FE467FD60	C6B1BC79A4F23679	C773D8B69DA1FDE2
	32EF50751734FFEE	1DAB0BD116E434E5	C80BDC57F38A05E4	BE2B0602FC6F8F65
t=57:	1003EC42412C7B7D	8E3DB3E380EC7F22	BEF9BB0FE467FD60	C6B1BC79A4F23679
	1EC0D46F349FD058	32EF50751734FFEE	1DAB0BD116E434E5	C80BDC57F38A05E4
t=58:	375FACCF6291F85E	1003EC42412C7B7D	8E3DB3E380EC7F22	BEF9BB0FE467FD60
	59C8BC0488F9768B	1EC0D46F349FD058	32EF50751734FFEE	1DAB0BD116E434E5
t=59:	BD113D92E0354FB9	375FACCF6291F85E	1003EC42412C7B7D	8E3DB3E380EC7F22
	E66C73DB3FAD397D	59C8BC0488F9768B	1EC0D46F349FD058	32EF50751734FFEE
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	E9F21933E1C02948	E66C73DB3FAD397D	59C8BC0488F9768B	1EC0D46F349FD058
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	6FD0C1719BCAC335	E66C73DB3FAD397D	59C8BC0488F9768B	1EC0D46F349FD058
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	B765273F571A571E	6FD0C1719BCAC335	E9F21933E1C02948	E66C73DB3FAD397D
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	6AB0E443C2F63714	B765273F571A571E	6FD0C1719BCAC335	E9F21933E1C02948
t=64:	02EBFC0A13492F52	04BEA2CE99CC3BF6	93D09FC06A19C5DA	1B1AD88B92701AE2
	77300C52E05AF415	6AB0E443C2F63714	B765273F571A571E	6FD0C1719BCAC335
t=65:	1BF525ABCE8D6F04	02EBFC0A13492F52	04BEA2CE99CC3BF6	93D09FC06A19C5DA
	8FAF12C33BB371B9	77300C52E05AF415	6AB0E443C2F63714	B765273F571A571E
t=66:	B6A36A3431547328	1BF525ABCE8D6F04	02EBFC0A13492F52	04BEA2CE99CC3BF6
	FA8BB40B4E08100F	8FAF12C33BB371B9	77300C52E05AF415	6AB0E443C2F63714
t=67:	FFDAF83202AF0D72	B6A36A3431547328	1BF525ABCE8D6F04	02EBFC0A13492F52
	8045A82F723A9B4E	FA8BB40B4E08100F	8FAF12C33BB371B9	77300C52E05AF415
t=68:	12737373D2985232	FFDAF83202AF0D72	B6A36A3431547328	1BF525ABCE8D6F04
	870DBCE23BAD8988	8045A82F723A9B4E	FA8BB40B4E08100F	8FAF12C33BB371B9
t=69:	6189F68162B256B5	12737373D2985232	FFDAF83202AF0D72	B6A36A3431547328
	8C059AF157146580	870DBCE23BAD8988	8045A82F723A9B4E	FA8BB40B4E08100F
t=70:	20B0A9A1D21C482D	6189F68162B256B5	12737373D2985232	FFDAF83202AF0D72
	F22B874C96785EC8	8C059AF157146580	870DBCE23BAD8988	8045A82F723A9B4E
t=71:	EF6D863C2127B394	20B0A9A1D21C482D	6189F68162B256B5	12737373D2985232
	B7AEE28337D69DAB	F22B874C96785EC8	8C059AF157146580	870DBCE23BAD8988
t=72:	D3EFE8B442689074	EF6D863C2127B394	20B0A9A1D21C482D	6189F68162B256B5
	22491AB9CDECB6B0	B7AEE28337D69DAB	F22B874C96785EC8	8C059AF157146580
t=73:	4694354944A9F487	D3EFE8B442689074	EF6D863C2127B394	20B0A9A1D21C482D
	659890A5818D0C50	22491AB9CDECB6B0	B7AEE28337D69DAB	F22B874C96785EC8
t=74:	B93C2403773DD08C	4694354944A9F487	D3EFE8B442689074	EF6D863C2127B394
	88C2C2AC52C4F679	659890A5818D0C50	22491AB9CDECB6B0	B7AEE28337D69DAB
t=75:	025848E3AB6B69D3	B93C2403773DD08C	4694354944A9F487	D3EFE8B442689074
	750DA3D4E16A1B64	88C2C2AC52C4F679	659890A5818D0C50	22491AB9CDECB6B0
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	700486BF252CBA75	750DA3D4E16A1B64	88C2C2AC52C4F679	659890A5818D0C50
t=77:	51B6F9A3C1CEEB4A	396B53E58D04471B	025848E3AB6B69D3	B93C2403773DD08C
	E6B3850DE8AE6230	700486BF252CBA75	750DA3D4E16A1B64	88C2C2AC52C4F679
t=78:	526A98F5DC595406	51B6F9A3C1CEEB4A	396B53E58D04471B	025848E3AB6B69D3
	4F0DCF74AEA76F90	E6B3850DE8AE6230	700486BF252CBA75	750DA3D4E16A1B64
t=79:	DEB3EEAA973BB9DD	526A98F5DC595406	51B6F9A3C1CEEB4A	396B53E58D04471B
	3665B5DBB6C2E055	4F0DCF74AEA76F90	E6B3850DE8AE6230	700486BF252CBA75

H[0] = 2A7F1D895FD58E0B + DEB3EEAA973BB9DD = 09330C33F71147E8
H[1] = EAAE96D1A673C741 + 526A98F6DC595406 = 3D192FC782CD1B47
H[2] = 015A2173796C1A88 + 51B6F9A4C1CEEB4A = 53111B173B3B05D2
H[3] = F6352CA156ACAFF7 + 396B53E58D04471B = 2FA08086E3B0F712
H[4] = C662113E9EBB4D64 + 3665B5DCB6C2E055 = FCC7C71A557E2DB9
H[5] = 17B61A85E2CCF0A9 + 4F0DCF75AEA76F90 = 66C3E9FA91746039
H[6] = 37EB9A6660FEB519 + E6B3850DE8AE6230 = 1E9F1F7449AD1749
H[7] = 8F2EBE9A81E6A2C5 + 700486BFE8AE6230 = FF334559A7135D3A

Message Digest is

09330C33 F71147E8 3D192FC7 82CD1B47 53111B17 3B3B05D2
2FA08086 E3B0F712 FCC7C71A 557E2DB9 66C3E9FA 91746039