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Secure Hash Algorithm
Message Digest Length = 512/256

#####

One Block Message Sample

Input Message: "abc"

Initial hash value:

H[0] = 22312194FC2BF72C
H[1] = 9F555FA3C84C64C2
H[2] = 2393B86B6F53B151
H[3] = 963877195940EABD
H[4] = 96283EE2A88EFFE3
H[5] = BE5E1E2553863992
H[6] = 2B0199FC2C85B8AA
H[7] = 0EB72DDC81C52CA2

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:	9A2F6D11C39458FE 3908D19FBCAF1B12	22312194FC2BF72C 96283EE2A88EFFE3	9F555FA3C84C64C2 BE5E1E2553863992	2393B86B6F53B151 2B0199FC2C85B8AA
t= 1:	9C465A16F85EBD68 BB7CF388A65CA549	9A2F6D11C39458FE 3908D19FBCAF1B12	22312194FC2BF72C 96283EE2A88EFFE3	9F555FA3C84C64C2 BE5E1E2553863992
t= 2:	D983D31C6CEA97C9 C8A505020ACB43C1	9C465A16F85EBD68 BB7CF388A65CA549	9A2F6D11C39458FE 3908D19FBCAF1B12	22312194FC2BF72C 96283EE2A88EFFE3
t= 3:	1D4E8897FCFF509E BA2E42D7925DE73B	D983D31C6CEA97C9 C8A505020ACB43C1	9C465A16F85EBD68 BB7CF388A65CA549	9A2F6D11C39458FE 3908D19FBCAF1B12
t= 4:	47376B4548F81A5F 24ECDAD8A00C274A	1D4E8897FCFF509E BA2E42D7925DE73B	D983D31C6CEA97C9 C8A505020ACB43C1	9C465A16F85EBD68 BB7CF388A65CA549
t= 5:	AA7B88556927CE7D 928BC3FFD85778B3	47376B4548F81A5F 24ECDAD8A00C274A	1D4E8897FCFF509E BA2E42D7925DE73B	D983D31C6CEA97C9 C8A505020ACB43C1
t= 6:	B906B3DF822CF7C1 2023A2CD4FA5A4D8	AA7B88556927CE7D 928BC3FFD85778B3	47376B4548F81A5F 24ECDAD8A00C274A	1D4E8897FCFF509E BA2E42D7925DE73B
t= 7:	2F839A3929F48358 24A5A5F77616E5931	B906B3DF822CF7C1 2023A2CD4FA5A4D8	AA7B88556927CE7D 928BC3FFD85778B3	47376B4548F81A5F 24ECDAD8A00C274A
t= 8:	4B1B0E41FB81C46C	2F839A3929F48358	B906B3DF822CF7C1	AA7B88556927CE7D

	3FE7E2D7D7CED54A	245A5F77616E5931	2023A2CD4FA5A4D8	928BC3FFD85778B3
t= 9:	C4F1C71E65B18C15	4B1B0E41FB81C46C	2F839A3929F48358	B906B3DF822CF7C1
	FF5E80C2A75481B7	3FE7E2D7D7CED54A	245A5F77616E5931	2023A2CD4FA5A4D8
t=10:	19D100CB5E1A3438	C4F1C71E65B18C15	4B1B0E41FB81C46C	2F839A3929F48358
	8484655060EBC3EE	FF5E80C2A75481B7	3FE7E2D7D7CED54A	245A5F77616E5931
t=11:	7AAB2807D4F3F022	19D100CB5E1A3438	C4F1C71E65B18C15	4B1B0E41FB81C46C
	BFC3C10D93FF00B8	8484655060EBC3EE	FF5E80C2A75481B7	3FE7E2D7D7CED54A
t=12:	C9E2CB6D5D017BA7	7AAB2807D4F3F022	19D100CB5E1A3438	C4F1C71E65B18C15
	0662BFD092E26FB7	BFC3C10D93FF00B8	8484655060EBC3EE	FF5E80C2A75481B7
t=13:	8C4D8B98E0672988	C9E2CB6D5D017BA7	7AAB2807D4F3F022	19D100CB5E1A3438
	996E6405C63D83E3	0662BFD092E26FB7	BFC3C10D93FF00B8	8484655060EBC3EE
t=14:	8D70D5EBDEA6724A	8C4D8B98E0672988	C9E2CB6D5D017BA7	7AAB2807D4F3F022
	CEAAAEFF7189EC61	996E6405C63D83E3	0662BFD092E26FB7	BFC3C10D93FF00B8
t=15:	1EC6365704280063	8D70D5EBDEA6724A	8C4D8B98E0672988	C9E2CB6D5D017BA7
	419C9D961BA8EA8F	CEAAAEFF7189EC61	996E6405C63D83E3	0662BFD092E26FB7
t=16:	3AA569FFD0244EC4	1EC6365704280063	8D70D5EBDEA6724A	8C4D8B98E0672988
	4AC147677B104598	419C9D961BA8EA8F	CEAAAEFF7189EC61	996E6405C63D83E3
t=17:	2B6738209B26B728	3AA569FFD0244EC4	1EC6365704280063	8D70D5EBDEA6724A
	8EE2964A7ADF0F1D	4AC147677B104598	419C9D961BA8EA8F	CEAAAEFF7189EC61
t=18:	1FE6F882B4543504	2B6738209B26B728	3AA569FFD0244EC4	1EC6365704280063
	9CDC03D015DA1E7D	8EE2964A7ADF0F1D	4AC147677B104598	419C9D961BA8EA8F
t=19:	73F4F92021784BB1	1FE6F882B4543504	2B6738209B26B728	3AA569FFD0244EC4
	6994C169A3D21916	9CDC03D015DA1E7D	8EE2964A7ADF0F1D	4AC147677B104598
t=20:	4E8CA806D9319A74	73F4F92021784BB1	1FE6F882B4543504	2B6738209B26B728
	EDB2C079F68C6C60	6994C169A3D21916	9CDC03D015DA1E7D	8EE2964A7ADF0F1D
t=21:	73214592D44C971F	4E8CA806D9319A74	73F4F92021784BB1	1FE6F882B4543504
	15BBE2C3AA0E7FD7	EDB2C079F68C6C60	6994C169A3D21916	9CDC03D015DA1E7D
t=22:	C56EBA713AEEA98F	73214592D44C971F	4E8CA806D9319A74	73F4F92021784BB1
	9D3DFCD24D8FF89C	15BBE2C3AA0E7FD7	EDB2C079F68C6C60	6994C169A3D21916
t=23:	77F4BC54FFD4166B	C56EBA713AEEA98F	73214592D44C971F	4E8CA806D9319A74
	A2981D9590A4F202	9D3DFCD24D8FF89C	15BBE2C3AA0E7FD7	EDB2C079F68C6C60
t=24:	B380E5F84D5DD65C	77F4BC54FFD4166B	C56EBA713AEEA98F	73214592D44C971F
	1F5D06ACB369D69F	A2981D9590A4F202	9D3DFCD24D8FF89C	15BBE2C3AA0E7FD7
t=25:	D8F368221281F96A	B380E5F84D5DD65C	77F4BC54FFD4166B	C56EBA713AEEA98F
	1E1F4553B9689309	1F5D06ACB369D69F	A2981D9590A4F202	9D3DFCD24D8FF89C
t=26:	73CE37ED59FC4595	D8F368221281F96A	B380E5F84D5DD65C	77F4BC54FFD4166B
	5CB11AE8485959C1	1E1F4553B9689309	1F5D06ACB369D69F	A2981D9590A4F202
t=27:	2B79283E450B25D2	73CE37ED59FC4595	D8F368221281F96A	B380E5F84D5DD65C
	9CA2CDF1A009F7A0	5CB11AE8485959C1	1E1F4553B9689309	1F5D06ACB369D69F
t=28:	7C8479834A5D5E1C	2B79283E450B25D2	73CE37ED59FC4595	D8F368221281F96A
	F68FB52FAD1792EB	9CA2CDF1A009F7A0	5CB11AE8485959C1	1E1F4553B9689309
t=29:	5623A1ED63ACFE9C	7C8479834A5D5E1C	2B79283E450B25D2	73CE37ED59FC4595
	4174C3633D3223CB	F68FB52FAD1792EB	9CA2CDF1A009F7A0	5CB11AE8485959C1
t=30:	E0639E0746A1C4B9	5623A1ED63ACFE9C	7C8479834A5D5E1C	2B79283E450B25D2
	1D2D1CA60E71D9C4	4174C3633D3223CB	F68FB52FAD1792EB	9CA2CDF1A009F7A0
t=31:	0ECE8CB912DE792B	E0639E0746A1C4B9	5623A1ED63ACFE9C	7C8479834A5D5E1C
	10EA82370759FF98	1D2D1CA60E71D9C4	4174C3633D3223CB	F68FB52FAD1792EB
t=32:	1011563D5CA6F21D	0ECE8CB912DE792B	E0639E0746A1C4B9	5623A1ED63ACFE9C
	2ABC930AEB105DDA	10EA82370759FF98	1D2D1CA60E71D9C4	4174C3633D3223CB
t=33:	001128D308744A0E	1011563D5CA6F21D	0ECE8CB912DE792B	E0639E0746A1C4B9
	6DF15BD09649437B	2ABC930AEB105DDA	10EA82370759FF98	1D2D1CA60E71D9C4
t=34:	785B23CDC94E4D47	001128D308744A0E	1011563D5CA6F21D	0ECE8CB912DE792B
	75645A2459E2B29C	6DF15BD09649437B	2ABC930AEB105DDA	10EA82370759FF98
t=35:	431A6F9571320866	785B23CDC94E4D47	001128D308744A0E	1011563D5CA6F21D
	C4B1FDB46655F51A	75645A2459E2B29C	6DF15BD09649437B	2ABC930AEB105DDA
t=36:	D9E89BCB3B3616FE	431A6F9571320866	785B23CDC94E4D47	001128D308744A0E
	445065C5E0806A68	C4B1FDB46655F51A	75645A2459E2B29C	6DF15BD09649437B
t=37:	4C5C5085AFB86C02	D9E89BCB3B3616FE	431A6F9571320866	785B23CDC94E4D47
	0738C70B69B65E34	445065C5E0806A68	C4B1FDB46655F51A	75645A2459E2B29C
t=38:	49F49406AA9C7915	4C5C5085AFB86C02	D9E89BCB3B3616FE	431A6F9571320866
	DD8FB052E66E151C	0738C70B69B65E34	445065C5E0806A68	C4B1FDB46655F51A
t=39:	D53B182812347708	49F49406AA9C7915	4C5C5085AFB86C02	D9E89BCB3B3616FE

	C0233F51F0027715	DDBFB052E66E151C	0738C70B69B65E34	445065C5E0806A68
t=40:	6204009DBFD8D0DB	D53B182812347708	49F49406AA9C7915	4C5C5085AFB86C02
	768286C2D8FD381E	C0233F51F0027715	DDBFB052E66E151C	0738C70B69B65E34
t=41:	AF3049C09D76ABCE	6204009DBFD8D0DB	D53B182812347708	49F49406AA9C7915
	11540218448DA4BA	768286C2D8FD381E	C0233F51F0027715	DDBFB052E66E151C
t=42:	6F48A93A6216BDF	AF3049C09D76ABCE	6204009DBFD8D0DB	D53B182812347708
	60FF3969A7A7545B	11540218448DA4BA	768286C2D8FD381E	C0233F51F0027715
t=43:	163B797CD24C6D2E	6F48A93A6216BDF	AF3049C09D76ABCE	6204009DBFD8D0DB
	AF4C2A6889A401A2	60FF3969A7A7545B	11540218448DA4BA	768286C2D8FD381E
t=44:	75B6F991523D6EBD	163B797CD24C6D2E	6F48A93A6216BDF	AF3049C09D76ABCE
	BE913F4585AA524A	AF4C2A6889A401A2	60FF3969A7A7545B	11540218448DA4BA
t=45:	807232323213D257	75B6F991523D6EBD	163B797CD24C6D2E	6F48A93A6216BDF
	6269B8150084C5E5	BE913F4585AA524A	AF4C2A6889A401A2	60FF3969A7A7545B
t=46:	5A93EC3C573AB27A	807232323213D257	75B6F991523D6EBD	163B797CD24C6D2E
	EBCC25FD1EF4B66A	6269B8150084C5E5	BE913F4585AA524A	AF4C2A6889A401A2
t=47:	96F715647C35010B	5A93EC3C573AB27A	807232323213D257	75B6F991523D6EBD
	3DB3985131165CA8	EBCC25FD1EF4B66A	6269B8150084C5E5	BE913F4585AA524A
t=48:	A493F38FA8BD1B7A	96F715647C35010B	5A93EC3C573AB27A	807232323213D257
	72B27DF2E6E57AA8	3DB3985131165CA8	EBCC25FD1EF4B66A	6269B8150084C5E5
t=49:	D379E2742808F23F	A493F38FA8BD1B7A	96F715647C35010B	5A93EC3C573AB27A
	3EA89437C88CCD1E	72B27DF2E6E57AA8	3DB3985131165CA8	EBCC25FD1EF4B66A
t=50:	8C0C28392DFEEDF0	D379E2742808F23F	A493F38FA8BD1B7A	96F715647C35010B
	ECCF127AA015E2F4	3EA89437C88CCD1E	72B27DF2E6E57AA8	3DB3985131165CA8
t=51:	1D5955ABCFDCADF0	8C0C28392DFEEDF0	D379E2742808F23F	A493F38FA8BD1B7A
	496BCDAFE07B21B5	ECCF127AA015E2F4	3EA89437C88CCD1E	72B27DF2E6E57AA8
t=52:	5799F02F81A7C51F	1D5955ABCFDCADF0	8C0C28392DFEEDF0	D379E2742808F23F
	0532365FC98E332C	496BCDAFE07B21B5	ECCF127AA015E2F4	3EA89437C88CCD1E
t=53:	D09E98B45E7412B7	5799F02F81A7C51F	1D5955ABCFDCADF0	8C0C28392DFEEDF0
	E1E81BC465A7CA13	0532365FC98E332C	496BCDAFE07B21B5	ECCF127AA015E2F4
t=54:	B404CE9F5B35EB6E	D09E98B45E7412B7	5799F02F81A7C51F	1D5955ABCFDCADF0
	52165E3326D1452E	E1E81BC465A7CA13	0532365FC98E332C	496BCDAFE07B21B5
t=55:	8FE543A7E1C7DE6B	B404CE9F5B35EB6E	D09E98B45E7412B7	5799F02F81A7C51F
	7D7C18AE2648F54D	52165E3326D1452E	E1E81BC465A7CA13	0532365FC98E332C
t=56:	BF53B7992F425D82	8FE543A7E1C7DE6B	B404CE9F5B35EB6E	D09E98B45E7412B7
	D6993E728AC1A822	7D7C18AE2648F54D	52165E3326D1452E	E1E81BC465A7CA13
t=57:	A7FC20CC2822A712	BF53B7992F425D82	8FE543A7E1C7DE6B	B404CE9F5B35EB6E
	2BA925F0BBBDA744	D6993E728AC1A822	7D7C18AE2648F54D	52165E3326D1452E
t=58:	1F5B9E4E9E470F85	A7FC20CC2822A712	BF53B7992F425D82	8FE543A7E1C7DE6B
	12F8ABBFDC71F41	2BA925F0BBBDA744	D6993E728AC1A822	7D7C18AE2648F54D
t=59:	1F4AC7E8968E01F9	1F5B9E4E9E470F85	A7FC20CC2822A712	BF53B7992F425D82
	10F69F1491C21C9C	12F8ABBFDC71F41	2BA925F0BBBDA744	D6993E728AC1A822
t=60:	0B00107983688DD	1F4AC7E8968E01F9	1F5B9E4E9E470F85	A7FC20CC2822A712
	0E8ABD59D36488D2	10F69F1491C21C9C	12F8ABBFDC71F41	2BA925F0BBBDA744
t=61:	05774F6D8337D0DF	0B00107983688DD	1F4AC7E8968E01F9	1F5B9E4E9E470F85
	E8D4AA14CC35666E	0E8ABD59D36488D2	10F69F1491C21C9C	12F8ABBFDC71F41
t=62:	0E8748C473D5D319	05774F6D8337D0DF	0B00107983688DD	1F4AC7E8968E01F9
	95EA094366CA9524	E8D4AA14CC35666E	0E8ABD59D36488D2	10F69F1491C21C9C
t=63:	37313BCC31405DD8	0E8748C473D5D319	05774F6D8337D0DF	0B00107983688DD
	9E24CC56AA903D0D	95EA094366CA9524	E8D4AA14CC35666E	0E8ABD59D36488D2
t=64:	75CAD73882574762	37313BCC31405DD8	0E8748C473D5D319	05774F6D8337D0DF
	F95C519703B8731F	9E24CC56AA903D0D	95EA094366CA9524	E8D4AA14CC35666E
t=65:	7D4BF508527DF4FA	75CAD73882574762	37313BCC31405DD8	0E8748C473D5D319
	D65ADF389D2C1A99	F95C519703B8731F	9E24CC56AA903D0D	95EA094366CA9524
t=66:	CEEFB640F1F288C3	7D4BF508527DF4FA	75CAD73882574762	37313BCC31405DD8
	44463E8C945BCBB5	D65ADF389D2C1A99	F95C519703B8731F	9E24CC56AA903D0D
t=67:	FC11CC97AE386106	CEEFB640F1F288C3	7D4BF508527DF4FA	75CAD73882574762
	12BF463D7223A309	44463E8C945BCBB5	D65ADF389D2C1A99	F95C519703B8731F
t=68:	DAF7189BF71319ED	FC11CC97AE386106	CEEFB640F1F288C3	7D4BF508527DF4FA
	2D2182E71310E6C7	12BF463D7223A309	44463E8C945BCBB5	D65ADF389D2C1A99
t=69:	51A81CB8FD3F7751	DAF7189BF71319ED	FC11CC97AE386106	CEEFB640F1F288C3
	34E0F69B5611C0DC	2D2182E71310E6C7	12BF463D7223A309	44463E8C945BCBB5
t=70:	A26F13B306B9736B	51A81CB8FD3F7751	DAF7189BF71319ED	FC11CC97AE386106

	3D6AD7280D27EE41	34E0F69B5611C0DC	2D2182E71310E6C7	12BF463D7223A309
t=71:	93D2426FE4F65643	A26F13B306B9736B	51A81CBBFD3F7751	DAF7189BF71319ED
	F0C0DDC582C521E5	3D6AD7280D27EE41	34E0F69B5611C0DC	2D2182E71310E6C7
t=72:	AB4641C14C9D350B	93D2426FE4F65643	A26F13B306B9736B	51A81CBBFD3F7751
	88C22A9BFFF9C4D4	F0C0DDC582C521E5	3D6AD7280D27EE41	34E0F69B5611C0DC
t=73:	C7643EF265E0846D	AB4641C14C9D350B	93D2426FE4F65643	A26F13B306B9736B
	5D58F038D47F838C	88C22A9BFFF9C4D4	F0C0DDC582C521E5	3D6AD7280D27EE41
t=74:	0666E64633871262	C7643EF265E0846D	AB4641C14C9D350B	93D2426FE4F65643
	01D41045F938489B	5D58F038D47F838C	88C22A9BFFF9C4D4	F0C0DDC582C521E5
t=75:	126BCBCF100F86E6	0666E64633871262	C7643EF265E0846D	AB4641C14C9D350B
	E5DFBAE06B85B880	01D41045F938489B	5D58F038D47F838C	88C22A9BFFF9C4D4
t=76:	4AAA7A17AEA6C466	126BCBCF100F86E6	0666E64633871262	C7643EF265E0846D
	94AE3C3D5BB9D976	E5DFBAE06B85B880	01D41045F938489B	5D58F038D47F838C
t=77:	C12F185AC5A8BBF5	4AAA7A17AEA6C466	126BCBCF100F86E6	0666E64633871262
	578FB21004694EF1	94AE3C3D5BB9D976	E5DFBAE06B85B880	01D41045F938489B
t=78:	FBD8CA13A30018E9	C12F185AC5A8BBF5	4AAA7A17AEA6C466	126BCBCF100F86E6
	61A99523C8A086DB	578FB21004694EF1	94AE3C3D5BB9D976	E5DFBAE06B85B880
t=79:	30D36C91856827CD	FBD8CA13A30018E9	C12F185AC5A8BBF5	4AAA7A17AEA6C466
	780D55B8DD49F3A4	61A99523C8A086DB	578FB21004694EF1	94AE3C3D5BB9D976

H[0] = 22312194FC2BF72C + 30D36C91856827CD = 53048E2681941EF9
 H[1] = 9F555FA3C84C64C2 + FBD8CA13A30018E9 = 9B2E29B76B4C7DAB
 H[2] = 2393B86B6F53B151 + C12F185AC5A8BBF5 = E4C2D0C634FC6D46
 H[3] = 963877195940EABD + 4AAA7A17AEA6C466 = E0E2F13107E7AF23
 H[4] = 96283EE2A88EFFF3 + 780D55B8DD49F3A4 = 0E35949B85D8F387
 H[5] = BE5E1E2553863992 + 61A99523C8A086DB = 2007B3491C26C06D
 H[6] = 2B0199FC2C85B8AA + 578FB21004694EF1 = 82914C0C30EF079B
 H[7] = 0EB72DDC81C52CA2 + 94AE3C3D5BB9D976 = A3656A19DD7F0618

Message Digest is

53048E26 81941EF9

9B2E29B7 6B4C7DAB E4C2D0C6 34FC6D46 E0E2F131 07E7AF23

=====

Two Block Message Sample

Input Message:
 "abcdefghijklmnopghicdefghijdefghijkefghijklfghijklmghijklmnhijklmnoijklmnopjklmnopqklmnopqrlnopqrsmnop
 qrstnopqrstu"

=====

Initial hash value:

H[0] = 22312194FC2BF72C
 H[1] = 9F555FA3C84C64C2
 H[2] = 2393B86B6F53B151
 H[3] = 963877195940EABD
 H[4] = 96283EE2A88EFFF3
 H[5] = BE5E1E2553863992
 H[6] = 2B0199FC2C85B8AA
 H[7] = 0EB72DDC81C52CA2

=====

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:	9A2F6CF628FAC066 3908D1842215827A	22312194FC2BF72C 96283EE2A88EFFE3	9F555FA3C84C64C2 BE5E1E2553863992	2393B86B6F53B151 2B0199FC2C85B8AA
t= 1:	C45A73DC29847669 63F57A9FE723F8CE	9A2F6CF628FAC066 3908D1842215827A	22312194FC2BF72C 96283EE2A88EFFE3	9F555FA3C84C64C2 BE5E1E2553863992
t= 2:	8C3630D3B59711CE 7EDABAB86DFF6A52	C45A73DC29847669 63F57A9FE723F8CE	9A2F6CF628FAC066 3908D1842215827A	22312194FC2BF72C 96283EE2A88EFFE3
t= 3:	17BDDFF848E242E2F 9A30B98A6342E77F	8C3630D3B59711CE 7EDABAB86DFF6A52	C45A73DC29847669 63F57A9FE723F8CE	9A2F6CF628FAC066 3908D1842215827A
t= 4:	81C23A1F69565E3C CEDB921A04ACEBDD	17BDDFF848E242E2F 9A30B98A6342E77F	8C3630D3B59711CE 7EDABAB86DFF6A52	C45A73DC29847669 63F57A9FE723F8CE
t= 5:	6E79DFE5A559E037 3B3B402EDC778D6D	81C23A1F69565E3C CEDB921A04ACEBDD	17BDDFF848E242E2F 9A30B98A6342E77F	8C3630D3B59711CE 7EDABAB86DFF6A52
t= 6:	C39CC278160B5678 50562B0ACB6E7FEB	6E79DFE5A559E037 3B3B402EDC778D6D	81C23A1F69565E3C CEDB921A04ACEBDD	17BDDFF848E242E2F 9A30B98A6342E77F
t= 7:	8A78B495684D9DD1 494234DD86A4729	C39CC278160B5678 50562B0ACB6E7FEB	6E79DFE5A559E037 3B3B402EDC778D6D	81C23A1F69565E3C CEDB921A04ACEBDD
t= 8:	24DF431236CE4D30 E80E84E515D941E1	8A78B495684D9DD1 494234DD86A4729	C39CC278160B5678 50562B0ACB6E7FEB	6E79DFE5A559E037 3B3B402EDC778D6D
t= 9:	7E090CEB07F8BEE9 A755CCD779F18FA9	24DF431236CE4D30 E80E84E515D941E1	8A78B495684D9DD1 494234DD86A4729	C39CC278160B5678 50562B0ACB6E7FEB
t=10:	A755CCD779F18FA9 D41F5A6BFB41A89D	7E090CEB07F8BEE9 A46B4DEC5278E24F	24DF431236CE4D30 E80E84E515D941E1	8A78B495684D9DD1 494234DD86A4729
t=11:	CA6A3AEEEF5311EA 3EEE2841CFE10A37	A755CCD779F18FA9 D41F5A6BFB41A89D	7E090CEB07F8BEE9 A46B4DEC5278E24F	24DF431236CE4D30 E80E84E515D941E1
t=12:	2885EE23B748F692 CBE0A750BC77AFB9	CA6A3AEEEF5311EA 3EEE2841CFE10A37	A755CCD779F18FA9 D41F5A6BFB41A89D	7E090CEB07F8BEE9 A46B4DEC5278E24F
t=13:	388A03C85D575053 2E195C603FCFE523	2885EE23B748F692 CBE0A750BC77AFB9	CA6A3AEEEF5311EA 3EEE2841CFE10A37	A755CCD779F18FA9 D41F5A6BFB41A89D
t=14:	E3E1C3D9B4C75FAB 1012E63E4E71F612	388A03C85D575053 2E195C603FCFE523	2885EE23B748F692 CBE0A750BC77AFB9	CA6A3AEEEF5311EA 3EEE2841CFE10A37
t=15:	4215C380CC7BA71B 51D096BA7563D388	E3E1C3D9B4C75FAB 1012E63E4E71F612	388A03C85D575053 2E195C603FCFE523	2885EE23B748F692 CBE0A750BC77AFB9
t=16:	D4B2ECE1F9EA4139 A57AA8000D7E7D45	4215C380CC7BA71B 51D096BA7563D388	E3E1C3D9B4C75FAB 1012E63E4E71F612	388A03C85D575053 2E195C603FCFE523
t=17:	A83038B321E1282C FADB216834A22046	D4B2ECE1F9EA4139 A57AA8000D7E7D45	4215C380CC7BA71B 51D096BA7563D388	E3E1C3D9B4C75FAB 1012E63E4E71F612
t=18:	871C3F72FFF75168 FAA41018DA73AA6B	A83038B321E1282C FADB216834A22046	D4B2ECE1F9EA4139 A57AA8000D7E7D45	4215C380CC7BA71B 51D096BA7563D388
t=19:	09CDADF5B09E542C 223C0812022BF992	871C3F72FFF75168 FAA41018DA73AA6B	A83038B321E1282C FADB216834A22046	D4B2ECE1F9EA4139 A57AA8000D7E7D45
t=20:	A70D03F8958F9BA4 63FFC78316C85D34	09CDADF5B09E542C 223C0812022BF992	871C3F72FFF75168 FAA41018DA73AA6B	A83038B321E1282C FADB216834A22046
t=21:	EC07BC6D3DE528B1 8079819B99C99A41	A70D03F8958F9BA4 63FFC78316C85D34	09CDADF5B09E542C 223C0812022BF992	871C3F72FFF75168 FAA41018DA73AA6B
t=22:	8F21796FE4B51BD0 1DDFFF81567B2DE4	EC07BC6D3DE528B1 8079819B99C99A41	A70D03F8958F9BA4 63FFC78316C85D34	09CDADF5B09E542C 223C0812022BF992

t=23:	9F6F64FCB4C926E7 8C8247B93F00D50C	8F21796FE4B51BD0 1DDFFF81567B2DE4	EC07BC6D3DE528B1 8079819B99C99A41	A70D03F8958F9BA4 63FFC78316C85D34
t=24:	D03596038CD63118 4F5168008F6D598E	9F6F64FCB4C926E7 8C8247B93F00D50C	8F21796FE4B51BD0 1DDFFF81567B2DE4	EC07BC6D3DE528B1 8079819B99C99A41
t=25:	338B31422B132F48 571E4796BD2EB595	D03596038CD63118 4F5168008F6D598E	9F6F64FCB4C926E7 8C8247B93F00D50C	8F21796FE4B51BD0 1DDFFF81567B2DE4
t=26:	F13D1863C7906343 2D8F44815B3B89BB	338B31422B132F48 571E4796BD2EB595	D03596038CD63118 4F5168008F6D598E	9F6F64FCB4C926E7 8C8247B93F00D50C
t=27:	92FCCCA21D8FBF2B F1C21531DA4A08B6	F13D1863C7906343 2D8F44815B3B89BB	338B31422B132F48 571E4796BD2EB595	D03596038CD63118 4F5168008F6D598E
t=28:	05F58CDABBF55813 06CB086E9CE25950	92FCCCA21D8FBF2B F1C21531DA4A08B6	F13D1863C7906343 2D8F44815B3B89BB	338B31422B132F48 571E4796BD2EB595
t=29:	6EC03563D439AE54 6B6E9C3EA7891D15	05F58CDABBF55813 06CB086E9CE25950	92FCCCA21D8FBF2B F1C21531DA4A08B6	F13D1863C7906343 2D8F44815B3B89BB
t=30:	2C5C8402B82F7480 A56811F482933EA1	6EC03563D439AE54 6B6E9C3EA7891D15	05F58CDABBF55813 06CB086E9CE25950	92FCCCA21D8FBF2B F1C21531DA4A08B6
t=31:	1A0CC3AD581C10FE 56A84040EEE67BF6	2C5C8402B82F7480 A56811F482933EA1	6EC03563D439AE54 6B6E9C3EA7891D15	05F58CDABBF55813 06CB086E9CE25950
t=32:	A5F2FAA00D8A8747 F025CE5716C796CD	1A0CC3AD581C10FE 56A84040EEE67BF6	2C5C8402B82F7480 A56811F482933EA1	6EC03563D439AE54 6B6E9C3EA7891D15
t=33:	AFB7E1D8C7F831C4 564993F74B0AD9F5	A5F2FAA00D8A8747 F025CE5716C796CD	1A0CC3AD581C10FE 56A84040EEE67BF6	2C5C8402B82F7480 A56811F482933EA1
t=34:	ABF4003C5B5F7017 28A6C03E6C2A4898	AFB7E1D8C7F831C4 564993F74B0AD9F5	A5F2FAA00D8A8747 F025CE5716C796CD	1A0CC3AD581C10FE 56A84040EEE67BF6
t=35:	4F2CB708B47DCE20 DDAC365E41D4C20D	ABF4003C5B5F7017 28A6C03E6C2A4898	AFB7E1D8C7F831C4 564993F74B0AD9F5	A5F2FAA00D8A8747 F025CE5716C796CD
t=36:	EBA175A8080AA725 6634651E9C79BA41	4F2CB708B47DCE20 DDAC365E41D4C20D	ABF4003C5B5F7017 28A6C03E6C2A4898	AFB7E1D8C7F831C4 564993F74B0AD9F5
t=37:	27DD63A534C4822E 1938417C593488CC	EBA175A8080AA725 6634651E9C79BA41	4F2CB708B47DCE20 DDAC365E41D4C20D	AFB7E1D8C7F831C4 564993F74B0AD9F5
t=38:	DC7BFE1851A2E81B CDB1FB3ED046F991	27DD63A534C4822E 1938417C593488CC	EBA175A8080AA725 6634651E9C79BA41	4F2CB708B47DCE20 DDAC365E41D4C20D
t=39:	6D07C2C7A947167B 8D5583BD4628586D	DC7BFE1851A2E81B CDB1FB3ED046F991	27DD63A534C4822E 1938417C593488CC	EBA175A8080AA725 6634651E9C79BA41
t=40:	8CC57E961CE1F956 1994E5B3F53E4AF2	6D07C2C7A947167B 8D5583BD4628586D	DC7BFE1851A2E81B CDB1FB3ED046F991	27DD63A534C4822E 1938417C593488CC
t=41:	8C6947F81E1FD94A 82E08437768126E4	8CC57E961CE1F956 1994E5B3F53E4AF2	6D07C2C7A947167B 8D5583BD4628586D	DC7BFE1851A2E81B CDB1FB3ED046F991
t=42:	DD88B34228A61CD0 17A90D3B6D6A2EA1	8C6947F81E1FD94A 82E08437768126E4	8CC57E961CE1F956 1994E5B3F53E4AF2	6D07C2C7A947167B 8D5583BD4628586D
t=43:	03BDE346FD50DCCD 5FC3283C3C91B062	DD88B34228A61CD0 17A90D3B6D6A2EA1	8C6947F81E1FD94A 82E08437768126E4	8CC57E961CE1F956 1994E5B3F53E4AF2
t=44:	80545AD9644D1756 97BC9BD263E1FC6C	03BDE346FD50DCCD 5FC3283C3C91B062	DD88B34228A61CD0 17A90D3B6D6A2EA1	8C6947F81E1FD94A 82E08437768126E4
t=45:	EFD4BD2F26343181 4B766751CFBFDA62	80545AD9644D1756 97BC9BD263E1FC6C	03BDE346FD50DCCD 5FC3283C3C91B062	DD88B34228A61CD0 17A90D3B6D6A2EA1
t=46:	64624F7253A389BE C9C38B4792943C06	EFD4BD2F26343181 4B766751CFBFDA62	80545AD9644D1756 97BC9BD263E1FC6C	03BDE346FD50DCCD 5FC3283C3C91B062
t=47:	3E8CF0C51B035FE0 137F35F60E3A8AB0	64624F7253A389BE C9C38B4792943C06	EFD4BD2F26343181 4B766751CFBFDA62	80545AD9644D1756 97BC9BD263E1FC6C
t=48:	C91687936637EB79 5DE2B5C19050BFAE	3E8CF0C51B035FE0 137F35F60E3A8AB0	64624F7253A389BE C9C38B4792943C06	EFD4BD2F26343181 4B766751CFBFDA62
t=49:	4A994A1444767A2C 32281CDC06C6E9D8	C91687936637EB79 5DE2B5C19050BFAE	3E8CF0C51B035FE0 137F35F60E3A8AB0	64624F7253A389BE C9C38B4792943C06
t=50:	7953E11357EBE4CF 14269D3481B031D0	4A994A1444767A2C 32281CDC06C6E9D8	C91687936637EB79 5DE2B5C19050BFAE	3E8CF0C51B035FE0 137F35F60E3A8AB0
t=51:	4F16072F816AA7A1 B6A3D2D3805DCE61	7953E11357EBE4CF 14269D3481B031D0	4A994A1444767A2C 32281CDC06C6E9D8	C91687936637EB79 5DE2B5C19050BFAE
t=52:	A801F1AAC9415393 7C132F7309D27922	4F16072F816AA7A1 B6A3D2D3805DCE61	7953E11357EBE4CF 14269D3481B031D0	4A994A1444767A2C 32281CDC06C6E9D8
t=53:	A223D983EBA809A8 0FD152F32163372C	A801F1AAC9415393 7C132F7309D27922	4F16072F816AA7A1 B6A3D2D3805DCE61	7953E11357EBE4CF 14269D3481B031D0

t=54:	080BBDDDE727385E5 8F9E0452A5063D26	A223D983EBA809A8 0FD152F32163372C	A801F1AAC9415393 7C132F7309D27922	4F16072F816AA7A1 B6A3D2D3805DCE61
t=55:	03A460537E8B4F1E A37615D60BEBFCF33	080BBDDDE727385E5 8F9E0452A5063D26	A223D983EBA809A8 0FD152F32163372C	A801F1AAC9415393 7C132F7309D27922
t=56:	1BB7A154850F075F 2FAA64724CFCF763	03A460537E8B4F1E A37615D60BEBFCF33	080BBDDDE727385E5 8F9E0452A5063D26	A223D983EBA809A8 0FD152F32163372C
t=57:	AB80BABC87BB7A16 694348C139B7EA00	1BB7A154850F075F 2FAA64724CFCF763	03A460537E8B4F1E A37615D60BEBFCF33	080BBDDDE727385E5 8F9E0452A5063D26
t=58:	8C0E0DB97B2D9C9F 651F222826594F54	AB80BABC87BB7A16 694348C139B7EA00	1BB7A154850F075F 2FAA64724CFCF763	03A460537E8B4F1E A37615D60BEBFCF33
t=59:	3A4EAE7FE4699540 13876F30BECA815D	8C0E0DB97B2D9C9F 651F222826594F54	AB80BABC87BB7A16 694348C139B7EA00	1BB7A154850F075F 2FAA64724CFCF763
t=60:	BB7C0F789EA3699C ECD91F96127B03A8	3A4EAE7FE4699540 13876F30BECA815D	8C0E0DB97B2D9C9F 651F222826594F54	AB80BABC87BB7A16 694348C139B7EA00
t=61:	FE629FDEE04ED549 B2F245A1C977A57A	BB7C0F789EA3699C ECD91F96127B03A8	3A4EAE7FE4699540 13876F30BECA815D	8C0E0DB97B2D9C9F 651F222826594F54
t=62:	A419197F10A2F082 747A1B529D1718B3	FE629FDEE04ED549 B2F245A1C977A57A	BB7C0F789EA3699C ECD91F96127B03A8	3A4EAE7FE4699540 13876F30BECA815D
t=63:	12D940B29B43FCAC 5E88DDC8012ABCC8	A419197F10A2F082 747A1B529D1718B3	FE629FDEE04ED549 B2F245A1C977A57A	BB7C0F789EA3699C ECD91F96127B03A8
t=64:	60F835EA7AE7A3B1 EE41795118402F41	12D940B29B43FCAC 5E88DDC8012ABCC8	A419197F10A2F082 747A1B529D1718B3	FE629FDEE04ED549 B2F245A1C977A57A
t=65:	5448E39ABC8584E0 4D9C54C24C73C5D3	60F835EA7AE7A3B1 EE41795118402F41	12D940B29B43FCAC 5E88DDC8012ABCC8	A419197F10A2F082 747A1B529D1718B3
t=66:	3FF824D6D11EDF6C 4138B86695C59AC4	5448E39ABC8584E0 4D9C54C24C73C5D3	60F835EA7AE7A3B1 EE41795118402F41	12D940B29B43FCAC 5E88DDC8012ABCC8
t=67:	6E96137693191EDF 046EB1A80DD1DF9A	3FF824D6D11EDF6C 4138B86695C59AC4	5448E39ABC8584E0 4D9C54C24C73C5D3	60F835EA7AE7A3B1 EE41795118402F41
t=68:	EC2D31E61214BDF6 55DBAB7D6FC52329	6E96137693191EDF 046EB1A80DD1DF9A	3FF824D6D11EDF6C 4138B86695C59AC4	5448E39ABC8584E0 4D9C54C24C73C5D3
t=69:	7E0F0C8461660735 F9B0E4BFF6CEE39C	EC2D31E61214BDF6 55DBAB7D6FC52329	6E96137693191EDF 046EB1A80DD1DF9A	5448E39ABC8584E0 4D9C54C24C73C5D3
t=70:	D29A895ED31B66BB 9D885DBABB9710B2	7E0F0C8461660735 F9B0E4BFF6CEE39C	EC2D31E61214BDF6 55DBAB7D6FC52329	6E96137693191EDF 046EB1A80DD1DF9A
t=71:	AE123510491AC45C EC2B9E1DE72B8DC	D29A895ED31B66BB 9D885DBABB9710B2	7E0F0C8461660735 F9B0E4BFF6CEE39C	5448E39ABC8584E0 4D9C54C24C73C5D3
t=72:	AABC342629053FFB F55697A28603BF8A	AE123510491AC45C EC2B9E1DE72B8DC	D29A895ED31B66BB 9D885DBABB9710B2	7E0F0C8461660735 F9B0E4BFF6CEE39C
t=73:	0573072E1BF3F98C 82A724607E0562C3	AABC342629053FFB F55697A28603BF8A	AE123510491AC45C EC2B9E1DE72B8DC	D29A895ED31B66BB 9D885DBABB9710B2
t=74:	54404FE2C42230FE 12B422CB3FC344B9	0573072E1BF3F98C 82A724607E0562C3	AABC342629053FFB F55697A28603BF8A	AE123510491AC45C EC2B9E1DE72B8DC
t=75:	71ADA568EFBA8B62 E4AC0B9801F5A875	54404FE2C42230FE 12B422CB3FC344B9	0573072E1BF3F98C 82A724607E0562C3	AABC342629053FFB F55697A28603BF8A
t=76:	FF078089585319D0 42C94B5B6F533B3F	71ADA568EFBA8B62 E4AC0B9801F5A875	54404FE2C42230FE 12B422CB3FC344B9	0573072E1BF3F98C 82A724607E0562C3
t=77:	C555881BC0EDEBCD 942D0C18A267E3B1	FF078089585319D0 42C94B5B6F533B3F	71ADA568EFBA8B62 E4AC0B9801F5A875	54404FE2C42230FE 12B422CB3FC344B9
t=78:	2C666488FF634DC6 C23D16693B02AA5A	C555881BC0EDEBCD 942D0C18A267E3B1	FF078089585319D0 42C94B5B6F533B3F	71ADA568EFBA8B62 E4AC0B9801F5A875
t=79:	6BA87D1B8505285F 17FBD871DB354C99	2C666488FF634DC6 C23D16693B02AA5A	C555881BC0EDEBCD 942D0C18A267E3B1	FF078089585319D0 42C94B5B6F533B3F

$H[0] = 22312194FC2BF72C + 6BA87D1B8505285F = 8DD99EB081311F8B$
 $H[1] = 9F555FA3C84C64C2 + 2C666488FF634DC6 = CBBBC42CC7AFB288$
 $H[2] = 23938B6B6F53B151 + C555881BC0EDEBCD = E8E9408730419D1E$
 $H[3] = 963877195940EABD + FF078089585319D0 = 953FF7A2B194048D$
 $H[4] = 96283EE2A88EFEE3 + 17FBD871DB354C99 = AE24175483C44C7C$
 $H[5] = BE5E1E2553863992 + C23D16693B02AA5A = 809B348E8E88E3EC$
 $H[6] = 2B0199FC2C85B8AA + 942D0C18A267E3B1 = BF2EA614CEED9C5B$
 $H[7] = 0EB72DDC81C52CA2 + 42C94B5B6F533B3F = 51807937F11867E1$

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:	CA1B701EA8D10380 4301C5B7AF4F28EA	8DD99EB081311F8B AE24175483C44C7C	CBBBC42CC7AFB288 809B348E8E88E3EC	E8E9408730419D1E BF2EA614CEED9C5B
t= 1:	4B560A3D9D8BA236 4E2D9B9CB97640BF	CA1B701EA8D10380 4301C5B7AF4F28EA	8DD99EB081311F8B AE24175483C44C7C	CBBBC42CC7AFB288 809B348E8E88E3EC
t= 2:	052AFD3A52839A12 40A7CA7D457EBBD6	4B560A3D9D8BA236 4E2D9B9CB97640BF	CA1B701EA8D10380 4301C5B7AF4F28EA	8DD99EB081311F8B AE24175483C44C7C
t= 3:	6D6469537181FB59 E7E74F3462405FC1	052AFD3A52839A12 40A7CA7D457EBBD6	4B560A3D9D8BA236 4E2D9B9CB97640BF	CA1B701EA8D10380 4301C5B7AF4F28EA
t= 4:	67D25B0D1D465E19 81EA993A34CE5FD6	6D6469537181FB59 E7E74F3462405FC1	052AFD3A52839A12 40A7CA7D457EBBD6	4B560A3D9D8BA236 4E2D9B9CB97640BF
t= 5:	CE2D2DCA6276189B 2B11C440985F5E14	67D25B0D1D465E19 81EA993A34CE5FD6	6D6469537181FB59 E7E74F3462405FC1	052AFD3A52839A12 40A7CA7D457EBBD6
t= 6:	C304AE7968FA6276 2D925EBD2371D4E0	CE2D2DCA6276189B 2B11C440985F5E14	67D25B0D1D465E19 81EA993A34CE5FD6	6D6469537181FB59 E7E74F3462405FC1
t= 7:	A2F2F352C45E6B92 2209E227605C477C	C304AE7968FA6276 2D925EBD2371D4E0	CE2D2DCA6276189B 2B11C440985F5E14	67D25B0D1D465E19 81EA993A34CE5FD6
t= 8:	B6408732E17EF2BF 0A7493CBFB707A28	A2F2F352C45E6B92 2209E227605C477C	C304AE7968FA6276 2D925EBD2371D4E0	CE2D2DCA6276189B 2B11C440985F5E14
t= 9:	E5A29310956CF4B0 471CAEB6206FD6A9	B6408732E17EF2BF 0A7493CBFB707A28	A2F2F352C45E6B92 2209E227605C477C	C304AE7968FA6276 2D925EBD2371D4E0
t=10:	619A643B60A72678 2AFDCFD070197C551	E5A29310956CF4B0 471CAEB6206FD6A9	B6408732E17EF2BF 0A7493CBFB707A28	A2F2F352C45E6B92 2209E227605C477C
t=11:	12E090BCE773988C 2BB61C87D95F1EF6	619A643B60A72678 2AFDCFD070197C551	E5A29310956CF4B0 471CAEB6206FD6A9	B6408732E17EF2BF 0A7493CBFB707A28
t=12:	844745BEB54BB38D A1B9B2E57ECE02D4	12E090BCE773988C 2BB61C87D95F1EF6	619A643B60A72678 2AFDCFD070197C551	E5A29310956CF4B0 471CAEB6206FD6A9
t=13:	728E0FF0A633641C D2EB1AE617CFA231	844745BEB54BB38D A1B9B2E57ECE02D4	12E090BCE773988C 2BB61C87D95F1EF6	619A643B60A72678 2AFDCFD070197C551
t=14:	4294C9F0701FB711 E5722A671CACCC14	728E0FF0A633641C D2EB1AE617CFA231	844745BEB54BB38D A1B9B2E57ECE02D4	12E090BCE773988C 2BB61C87D95F1EF6
t=15:	1EB995845896146C F1F73492308170F3	E5722A671CACCC14 D294C9F0701FB711	4294C9F0701FB711 728E0FF0A633641C	4294C9F0701FB711 844745BEB54BB38D
t=16:	2B4D4009404447A0 C50207E5516E7902	F1F73492308170F3 C50207E5516E7902	E5722A671CACCC14 1EB995845896146C	728E0FF0A633641C D2EB1AE617CFA231
t=17:	7EE24648DA164A4F 9FFCB15331E1CD35	2B4D4009404447A0 C50207E5516E7902	1EB995845896146C F1F73492308170F3	4294C9F0701FB711 E5722A671CACCC14
t=18:	0D7915D334E98931 08CF80CA9D91C843	7EE24648DA164A4F 9FFCB15331E1CD35	2B4D4009404447A0 C50207E5516E7902	1EB995845896146C F1F73492308170F3
t=19:	7156E5D603D6D2C9 3ADC14C21552B1A8	0D7915D334E98931 0ACF80CA9D91C843	7EE24648DA164A4F 9FFCB15331E1CD35	2B4D4009404447A0 C50207E5516E7902
t=20:	1DA99E1A512119C7 7156E5D603D6D2C9	7156E5D603D6D2C9 0D7915D334E98931	0D7915D334E98931 7EE24648DA164A4F	7EE24648DA164A4F

	B9E562D0A2B54D40	3ADC14C21552B1A8	0ACF80CA9D91C843	9FFCB15331E1CD35
t=21:	1FB878880EF4B5E4	1DA99E1A512119C7	7156E5D603D6D2C9	0D7915D334E98931
	CE2590CB43609153	B9E562D0A2B54D40	3ADC14C21552B1A8	0ACF80CA9D91C843
t=22:	3FDC41AC384A3129	1FB878880EF4B5E4	1DA99E1A512119C7	7156E5D603D6D2C9
	32B0C09234E84242	CE2590CB43609153	B9E562D0A2B54D40	3ADC14C21552B1A8
t=23:	B836D5F127D2FDB8	3FDC41AC384A3129	1FB878880EF4B5E4	1DA99E1A512119C7
	3714588332FCEC71	32B0C09234E84242	CE2590CB43609153	B9E562D0A2B54D40
t=24:	2EC877975A9F8116	B836D5F127D2FDB8	3FDC41AC384A3129	1FB878880EF4B5E4
	362102EAA0DD5D70	3714588332FCEC71	32B0C09234E84242	CE2590CB43609153
t=25:	565DBE48262353B9	2EC877975A9F8116	B836D5F127D2FDB8	3FDC41AC384A3129
	E54F12F5AED463E6	362102EAA0DD5D70	3714588332FCEC71	32B0C09234E84242
t=26:	40C91B7364704A83	565DBE48262353B9	2EC877975A9F8116	B836D5F127D2FDB8
	4656BB7233467988	E54F12F5AED463E6	362102EAA0DD5D70	3714588332FCEC71
t=27:	53CA178C6B368158	40C91B7364704A83	565DBE48262353B9	2EC877975A9F8116
	4C67542852B3D7A1	4656BB7233467988	E54F12F5AED463E6	362102EAA0DD5D70
t=28:	15D0571DD1178764	53CA178C6B368158	40C91B7364704A83	565DBE48262353B9
	405BD69B2C905BD7	4C67542852B3D7A1	4656BB7233467988	E54F12F5AED463E6
t=29:	264B6149F78D1035	15D0571DD1178764	53CA178C6B368158	40C91B7364704A83
	CC414FDE2C1F1BFA	405BD69B2C905BD7	4C67542852B3D7A1	4656BB7233467988
t=30:	9A33B7A4623C0534	264B6149F78D1035	15D0571DD1178764	53CA178C6B368158
	2C551E8A8C2C7434	CC414FDE2C1F1BFA	405BD69B2C905BD7	4C67542852B3D7A1
t=31:	3CCB61788641971E	9A33B7A4623C0534	264B6149F78D1035	15D0571DD1178764
	06B6D7E811D72282	2C551E8A8C2C7434	CC414FDE2C1F1BFA	405BD69B2C905BD7
t=32:	73152319D664AB4D	3CCB61788641971E	9A33B7A4623C0534	264B6149F78D1035
	961481C44171C469	06B6D7E811D72282	2C551E8A8C2C7434	CC414FDE2C1F1BFA
t=33:	A13ED1EBC962EA7E	73152319D664AB4D	3CCB61788641971E	9A33B7A4623C0534
	6CF7B8AA031A207A	961481C44171C469	06B6D7E811D72282	2C551E8A8C2C7434
t=34:	09F847AAB3E15178	A13ED1EBC962EA7E	73152319D664AB4D	3CCB61788641971E
	BF27C53408DBD3E9	6CF7B8AA031A207A	961481C44171C469	06B6D7E811D72282
t=35:	042BD9B3B1A3216D	09F847AAB3E15178	A13ED1EBC962EA7E	73152319D664AB4D
	58307603F69A3141	BF27C53408DBD3E9	6CF7B8AA031A207A	961481C44171C469
t=36:	C672CECB0E5C083C	042BD9B3B1A3216D	09F847AAB3E15178	A13ED1EBC962EA7E
	A713876F591E1729	58307603F69A3141	BF27C53408DBD3E9	6CF7B8AA031A207A
t=37:	528D95291F5F694D	C672CECB0E5C083C	042BD9B3B1A3216D	09F847AAB3E15178
	3F065D9605A497B0	A713876F591E1729	58307603F69A3141	BF27C53408DBD3E9
t=38:	D51413BD28942A19	528D95291F5F694D	C672CECB0E5C083C	042BD9B3B1A3216D
	B8C08D67D6372533	3F065D9605A497B0	A713876F591E1729	58307603F69A3141
t=39:	D3E65D22ECE41799	D51413BD28942A19	528D95291F5F694D	C672CECB0E5C083C
	48C71BDE787CF9CF	B8C08D67D6372533	3F065D9605A497B0	A713876F591E1729
t=40:	9DC023C14EC9FD06	D3E65D22ECE41799	D51413BD28942A19	528D95291F5F694D
	600D290EB716504D	48C71BDE787CF9CF	B8C08D67D6372533	3F065D9605A497B0
t=41:	E201AB4097D56AD9	9DC023C14EC9FD06	D3E65D22ECE41799	D51413BD28942A19
	D11AEFF5D426E06A	600D290EB716504D	48C71BDE787CF9CF	B8C08D67D6372533
t=42:	26E25625A771084A	E201AB4097D56AD9	9DC023C14EC9FD06	D3E65D22ECE41799
	FEA9E0A415E0D53B	D11AEFF5D426E06A	600D290EB716504D	48C71BDE787CF9CF
t=43:	BFEA46AB9859BFA1	D6E25625A771084A	E201AB4097D56AD9	9DC023C14EC9FD06
	678E5BDDAF3C3B71	FEA9E0A415E0D53B	D11AEFF5D426E06A	600D290EB716504D
t=44:	A16A621A085D68D6	BFEA46AB9859BFA1	D6E25625A771084A	E201AB4097D56AD9
	138B192CEDB50B75	678E5BDDAF3C3B71	FEA9E0A415E0D53B	D11AEFF5D426E06A
t=45:	3476332E792C1C4B	A16A621A085D68D6	BFEA46AB9859BFA1	D6E25625A771084A
	2ABC2AB574E9F080	138B192CEDB50B75	678E5BDDAF3C3B71	FEA9E0A415E0D53B
t=46:	24F0545BB7DB3F19	3476332E792C1C4B	A16A621A085D68D6	BFEA46AB9859BFA1
	F5EFACBE2AD8B856	2ABC2AB574E9F080	138B192CEDB50B75	678E5BDDAF3C3B71
t=47:	06959C13A1020AF8	24F0545BB7DB3F19	3476332E792C1C4B	A16A621A085D68D6
	7AE2E87ACB8DDE39	F5EFACBE2AD8B856	2ABC2AB574E9F080	138B192CEDB50B75
t=48:	FA114006862CF5D3	06959C13A1020AF8	24F0545BB7DB3F19	3476332E792C1C4B
	976564D9448EB34A	7AE2E87ACB8DDE39	F5EFACBE2AD8B856	2ABC2AB574E9F080
t=49:	67B5638DBE2A3651	FA114006862CF5D3	06959C13A1020AF8	24F0545BB7DB3F19
	A752090797E79FDA	976564D9448EB34A	7AE2E87ACB8DDE39	F5EFACBE2AD8B856
t=50:	884BDAE0CE147578	67B5638DBE2A3651	FA114006862CF5D3	06959C13A1020AF8
	B05132465F5172C1	A752090797E79FDA	976564D9448EB34A	7AE2E87ACB8DDE39
t=51:	4EF7B5C89BCBC776	884BDAE0CE147578	67B5638DBE2A3651	FA114006862CF5D3

	581DAD1B56E18E1C	B05132465F5172C1	A752090797E79FDA	976564D9448EB34A
t=52:	820AD2EC649E6DCC	4EF7B5C89BCBC776	884BDAE0CE147578	67B5638DBE2A3651
	21AB0DF2BC658D9F	581DAD1B56E18E1C	B05132465F5172C1	A752090797E79FDA
t=53:	0563C5F2919ED596	820AD2EC649E6DCC	4EF7B5C89BCBC776	884BDAE0CE147578
	5AC4DB36E7FF1693	21AB0DF2BC658D9F	581DAD1B56E18E1C	B05132465F5172C1
t=54:	CEBA54F000A09D5D	0563C5F2919ED596	820AD2EC649E6DCC	4EF7B5C89BCBC776
	F7F8883941A7E321	5AC4DB36E7FF1693	21AB0DF2BC658D9F	581DAD1B56E18E1C
t=55:	40DEC62C74F632D5	CEBA54F000A09D5D	0563C5F2919ED596	820AD2EC649E6DCC
	1F8AF353EC8C6DDA	F7F8883941A7E321	5AC4DB36E7FF1693	21AB0DF2BC658D9F
t=56:	5F961EDFCB27CA82	40DEC62C74F632D5	CEBA54F000A09D5D	0563C5F2919ED596
	91EEDF5727B533B9	1F8AF353EC8C6DDA	F7F8883941A7E321	5AC4DB36E7FF1693
t=57:	0F6AA0004EB91943	5F961EDFCB27CA82	40DEC62C74F632D5	CEBA54F000A09D5D
	7C0CF9E635760D8E	91EEDF5727B533B9	1F8AF353EC8C6DDA	F7F8883941A7E321
t=58:	547E34C8E16C8208	0F6AA0004EB91943	5F961EDFCB27CA82	40DEC62C74F632D5
	DAB76359DFE7875E	C70CF9E635760D8E	91EEDF5727B533B9	1F8AF353EC8C6DDA
t=59:	9AFF38B3BC64077D	547E34C8E16C8208	0F6AA0004EB91943	5F961EDFCB27CA82
	BD0DF11423D8727B	DAB76359DFE7875E	C70CF9E635760D8E	91EEDF5727B533B9
t=60:	C1BB5920B7C5B67E	9AFF38B3BC64077D	547E34C8E16C8208	0F6AA0004EB91943
	B4B189776407C251	BD0DF11423D8727B	DAB76359DFE7875E	C70CF9E635760D8E
t=61:	035C20D721BA914D	C1BB5920B7C5B67E	9AFF38B3BC64077D	547E34C8E16C8208
	3102071764B6F123	B4B189776407C251	BD0DF11423D8727B	DAB76359DFE7875E
t=62:	C32B2ED80EAB3663	035C20D721BA914D	C1BB5920B7C5B67E	9AFF38B3BC64077D
	1625654B4B1F63E8	3102071764B6F123	B4B189776407C251	BD0DF11423D8727B
t=63:	7E2893CE82EE6DDC	C32B2ED80EAB3663	035C20D721BA914D	C1BB5920B7C5B67E
	FCE7A5EA11A84E7F	1625654B4B1F63E8	3102071764B6F123	B4B189776407C251
t=64:	C5C6741A461B5C08	7E2893CE82EE6DDC	C32B2ED80EAB3663	035C20D721BA914D
	31010FF1B53793FD	FCE7A5EA11A84E7F	1625654B4B1F63E8	3102071764B6F123
t=65:	250F7D7FC30C144F	C5C6741A461B5C08	7E2893CE82EE6DDC	C32B2ED80EAB3663
	9C824646617DD90A	31010FF1B53793FD	FCE7A5EA11A84E7F	1625654B4B1F63E8
t=66:	2985CBF9ADA94FEF	250F7D7FC30C144F	C5C6741A461B5C08	7E2893CE82EE6DDC
	481E2BA9F24813AD	9C824646617DD90A	31010FF1B53793FD	FCE7A5EA11A84E7F
t=67:	7C3F7808EDDC4373	2985CBF9ADA94FEF	250F7D7FC30C144F	C5C6741A461B5C08
	923A8EC51D528E0D	481E2BA9F24813AD	9C824646617DD90A	31010FF1B53793FD
t=68:	FC443DF03A273D02	7C3F7808EDDC4373	2985CBF9ADA94FEF	250F7D7FC30C144F
	9D92992298B6311F	923A8EC51D528E0D	481E2BA9F24813AD	9C824646617DD90A
t=69:	C1265539D2F29608	FC443DF03A273D02	7C3F7808EDDC4373	2985CBF9ADA94FEF
	1DA207AB69A702F0	9D92992298B6311F	923A8EC51D528E0D	481E2BA9F24813AD
t=70:	EFC50BC63BDB23A5	C1265539D2F29608	FC443DF03A273D02	2985CBF9ADA94FEF
	F4F43A64BADFD219	1DA207AB69A702F0	9D92992298B6311F	923A8EC51D528E0D
t=71:	D2BEF501241BE22C	EFC50BC63BDB23A5	C1265539D2F29608	FC443DF03A273D02
	A2870A290A867A1A	F4F43A64BADFD219	1DA207AB69A702F0	9D92992298B6311F
t=72:	CA73C49DE77C7AC8	D2BEF501241BE22C	EFC50BC63BDB23A5	C1265539D2F29608
	F820C00AA7E284E6	A2870A290A867A1A	F4F43A64BADFD219	1DA207AB69A702F0
t=73:	558A01B12EC35028	CA73C49DE77C7AC8	D2BEF501241BE22C	EFC50BC63BDB23A5
	15E2469AD6262414	F820C00AA7E284E6	A2870A290A867A1A	F4F43A64BADFD219
t=74:	370DAFCBF2D25DA8	558A01B12EC35028	CA73C49DE77C7AC8	D2BEF501241BE22C
	8E3FA5D1EAE87FA8	15E2469AD6262414	F820C00AA7E284E6	A2870A290A867A1A
t=75:	B6FDAC1E04495875	370DAFCBF2D25DA8	558A01B12EC35028	CA73C49DE77C7AC8
	EC3C3233141B55E7	8E3FA5D1EAE87FA8	15E2469AD6262414	F820C00AA7E284E6
t=76:	DAAAD0BF300751AD	B6FDAC1E04495875	370DAFCBF2D25DA8	558A01B12EC35028
	7401A3CB07B8228E	EC3C3233141B55E7	8E3FA5D1EAE87FA8	15E2469AD6262414
t=77:	7CE25CB7C7FD48F6	DAAAD0BF300751AD	B6FDAC1E04495875	370DAFCBF2D25DA8
	69A9F1B43ECA54F4	7401A3CB07B8228E	EC3C3233141B55E7	8E3FA5D1EAE87FA8
t=78:	751E755B4A6D7F36	7CE25CB7C7FD48F6	DAAAD0BF300751AD	B6FDAC1E04495875
	CB9D209C7B0DEB01	69A9F1B43ECA54F4	7401A3CB07B8228E	EC3C3233141B55E7
t=79:	AB4F42D47A55716D	751E755B4A6D7F36	7CE25CB7C7FD48F6	DAAAD0BF300751AD
	22CA23DE9BE67C24	CB9D209C7B0DEB01	69A9F1B43ECA54F4	7401A3CB07B8228E

$H[0] = 8DD99EB081311F8B + AB4F42D47A55716D = 3928E184FB8690F8$
 $H[1] = CBBBC42CC7FAFB288 + 751E755B4A6D7F36 = 40DA3988121D31BE$
 $H[2] = E8E9408730419D1E + 7CE25CB7C7FD48F6 = 65CB9D3EF83EE614$
 $H[3] = 953FF7A2B194048D + DAAAD0BF300751AD = 6FEAC861E19B563A$

H[4] = AE24175483C44C7C + 22CA23DE9BE67C24 = D0EE3B331FAAC8A0
H[5] = 809B348E8E88E3EC + CB9D209C7B0DEB01 = 4C38552B0996CEED
H[6] = BF2EA614CEED9C5B + 69A9F1B43ECA54F4 = 28D897C90DB7F14F
H[7] = 51807937F11867E1 + 7401A3CB07B8228E = C5821D02F8D08A6F

Message Digest is

3928E184 FB8690F8
40DA3988 121D31BE 65CB9D3E F83EE614 6FEAC861 E19B563A