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Secure Hash Algorithm
Message Digest Length = 512

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One Block Message Sample

Input Message: "abc"

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Initial hash value:

- H[0] = 6A09E667F3BCC908
- H[1] = BB67AE8584CAA73B
- H[2] = 3C6EF372FE94F82B
- H[3] = A54FF53A5F1D36F1
- H[4] = 510E527FADE682D1
- H[5] = 9B05688C2B3E6C1F
- H[6] = 1F83D9ABFB41BD6B
- H[7] = 5BE0CD19137E2179

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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:	F6AFCEB8BCFCDDF5 58CB02347AB51F91	6A09E667F3BCC908 510E527FADE682D1	BB67AE8584CAA73B 9B05688C2B3E6C1F	3C6EF372FE94F82B 1F83D9ABFB41BD6B
t= 1:	1320F8C9FB872CC0 C3D4EBFD48650FFA	F6AFCEB8BCFCDDF5 58CB02347AB51F91	6A09E667F3BCC908 510E527FADE682D1	BB67AE8584CAA73B 9B05688C2B3E6C1F
t= 2:	EBCFFC07203D91F3 DFA9B239F2697812	1320F8C9FB872CC0 C3D4EBFD48650FFA	F6AFCEB8BCFCDDF5 58CB02347AB51F91	6A09E667F3BCC908 510E527FADE682D1
t= 3:	5A83CB3E80050E82 0B47B4BB1928990E	EBCFFC07203D91F3 DFA9B239F2697812	1320F8C9FB872CC0 C3D4EBFD48650FFA	F6AFCEB8BCFCDDF5 58CB02347AB51F91
t= 4:	B680953951604860 745ACA4A342ED2E2	5A83CB3E80050E82 0B47B4BB1928990E	EBCFFC07203D91F3 DFA9B239F2697812	1320F8C9FB872CC0 C3D4EBFD48650FFA
t= 5:	AF573B02403E89CD 96F60209B6DC35BA	B680953951604860 745ACA4A342ED2E2	5A83CB3E80050E82 0B47B4BB1928990E	EBCFFC07203D91F3 DFA9B239F2697812
t= 6:	C4875B0C7ABC076B	AF573B02403E89CD	B680953951604860	5A83CB3E80050E82

	5A6C781F54DCC00C	96F60209B6DC35BA	745ACA4A342ED2E2	0B47B4BB1928990E
t= 7:	8093D195E0054FA3	C4875B0C7ABC076B	AF573B02403E89CD	B680953951604860
	86F67263A0F0EC0A	5A6C781F54DCC00C	96F60209B6DC35BA	745ACA4A342ED2E2
t= 8:	F1ECA5544CB89225	8093D195E0054FA3	C4875B0C7ABC076B	AF573B02403E89CD
	D0403C398FC40002	86F67263A0F0EC0A	5A6C781F54DCC00C	96F60209B6DC35BA
t= 9:	81782D4A5DB48F03	F1ECA5544CB89225	8093D195E0054FA3	C4875B0C7ABC076B
	00091F460BE46C52	D0403C398FC40002	86F67263A0F0EC0A	5A6C781F54DCC00C
t=10:	69854C4AA0F25B59	81782D4A5DB48F03	F1ECA5544CB89225	8093D195E0054FA3
	D375471BDE1BA3F4	00091F460BE46C52	D0403C398FC40002	86F67263A0F0EC0A
t=11:	DB0A9963F80C2EAA	69854C4AA0F25B59	81782D4A5DB48F03	F1ECA5544CB89225
	475975B91A7A462C	D375471BDE1BA3F4	00091F460BE46C52	D0403C398FC40002
t=12:	5E41214388186C14	DB0A9963F80C2EAA	69854C4AA0F25B59	81782D4A5DB48F03
	CDF3BFF2883FC9D9	475975B91A7A462C	D375471BDE1BA3F4	00091F460BE46C52
t=13:	44249631255D2CA0	5E41214388186C14	DB0A9963F80C2EAA	69854C4AA0F25B59
	860ACF9EFFBA6F61	CDF3BFF2883FC9D9	475975B91A7A462C	D375471BDE1BA3F4
t=14:	FA967EED85A08028	44249631255D2CA0	5E41214388186C14	DB0A9963F80C2EAA
	874BFE5F6AAE9F2F	860ACF9EFFBA6F61	CDF3BFF2883FC9D9	475975B91A7A462C
t=15:	0AE07C86B1181C75	FA967EED85A08028	44249631255D2CA0	5E41214388186C14
	A77B7C035DD4C161	874BFE5F6AAE9F2F	860ACF9EFFBA6F61	CDF3BFF2883FC9D9
t=16:	CAF81A425D800537	0AE07C86B1181C75	FA967EED85A08028	44249631255D2CA0
	2DEECC6B39D64D78	A77B7C035DD4C161	874BFE5F6AAE9F2F	860ACF9EFFBA6F61
t=17:	4725BE249AD19E6B	CAF81A425D800537	0AE07C86B1181C75	FA967EED85A08028
	F47E8353F8047455	2DEECC6B39D64D78	A77B7C035DD4C161	874BFE5F6AAE9F2F
t=18:	3C4B4104168E3EDB	4725BE249AD19E6B	CAF81A425D800537	0AE07C86B1181C75
	29695FD88D81DBD0	F47E8353F8047455	2DEECC6B39D64D78	A77B7C035DD4C161
t=19:	9A3FB4D38AB6CF06	3C4B4104168E3EDB	4725BE249AD19E6B	CAF81A425D800537
	F14998DD5F70767E	29695FD88D81DBD0	F47E8353F8047455	2DEECC6B39D64D78
t=20:	8DC5AE65569D3855	9A3FB4D38AB6CF06	3C4B4104168E3EDB	4725BE249AD19E6B
	4BB9E66D1145BFDC	F14998DD5F70767E	29695FD88D81DBD0	F47E8353F8047455
t=21:	DA34D6673D452DCF	8DC5AE65569D3855	9A3FB4D38AB6CF06	3C4B4104168E3EDB
	8E30FF09AD488753	4BB9E66D1145BFDC	F14998DD5F70767E	29695FD88D81DBD0
t=22:	3E2644567B709A78	DA34D6673D452DCF	8DC5AE65569D3855	9A3FB4D38AB6CF06
	0AC2B11DA8F571C6	8E30FF09AD488753	4BB9E66D1145BFDC	F14998DD5F70767E
t=23:	4F6877B58FE55484	3E2644567B709A78	DA34D6673D452DCF	8DC5AE65569D3855
	C66005F87DB55233	0AC2B11DA8F571C6	8E30FF09AD488753	4BB9E66D1145BFDC
t=24:	9AFF71163FA3A940	4F6877B58FE55484	3E2644567B709A78	DA34D6673D452DCF
	D3ECF13769180E6F	C66005F87DB55233	0AC2B11DA8F571C6	8E30FF09AD488753
t=25:	0BC5F791F8E6816B	9AFF71163FA3A940	4F6877B58FE55484	3E2644567B709A78
	6DDF1FD7EDCCE336	D3ECF13769180E6F	C66005F87DB55233	0AC2B11DA8F571C6
t=26:	884C3BC27BC4F941	0BC5F791F8E6816B	9AFF71163FA3A940	4F6877B58FE55484
	E6E48C9A8E948365	6DDF1FD7EDCCE336	D3ECF13769180E6F	C66005F87DB55233
t=27:	EAB4A9E5771B8D09	884C3BC27BC4F941	0BC5F791F8E6816B	9AFF71163FA3A940
	09068A4E255A0DAC	E6E48C9A8E948365	6DDF1FD7EDCCE336	D3ECF13769180E6F
t=28:	E62349090F47D30A	EAB4A9E5771B8D09	884C3BC27BC4F941	0BC5F791F8E6816B
	0FCDF99710F21584	09068A4E255A0DAC	E6E48C9A8E948365	6DDF1FD7EDCCE336
t=29:	74BF40F869094C63	E62349090F47D30A	EAB4A9E5771B8D09	884C3BC27BC4F941
	F0AEC2FE1437F085	0FCDF99710F21584	09068A4E255A0DAC	E6E48C9A8E948365
t=30:	4C4FBBB75F1873A6	74BF40F869094C63	E62349090F47D30A	EAB4A9E5771B8D09
	73E025D91B9EFEA3	F0AEC2FE1437F085	0FCDF99710F21584	09068A4E255A0DAC
t=31:	FF4D3F1F0D46A736	4C4FBBB75F1873A6	74BF40F869094C63	E62349090F47D30A
	3CD388E119E8162E	73E025D91B9EFEA3	F0AEC2FE1437F085	0FCDF99710F21584
t=32:	A0509015CA08C8D4	FF4D3F1F0D46A736	4C4FBBB75F1873A6	74BF40F869094C63
	E1034573654A106F	3CD388E119E8162E	73E025D91B9EFEA3	F0AEC2FE1437F085
t=33:	60D4E6995ED91FE6	A0509015CA08C8D4	FF4D3F1F0D46A736	4C4FBBB75F1873A6
	EFABBD8BF47C041A	E1034573654A106F	3CD388E119E8162E	73E025D91B9EFEA3
t=34:	2C59EC7743632621	60D4E6995ED91FE6	A0509015CA08C8D4	FF4D3F1F0D46A736
	0FBAE670FA780FD3	EFABBD8BF47C041A	E1034573654A106F	3CD388E119E8162E
t=35:	1A081AFC59FDBC2C	2C59EC7743632621	60D4E6995ED91FE6	A0509015CA08C8D4

	F098082F502B44CD	0FBAE670FA780FD3	EFABBD8BF47C041A	E1034573654A106F
t=36:	88DF85B0BBE77514 8FBFD0162BBF4675	1A081AFC59FDBC2C F098082F502B44CD	2C59EC7743632621 0FBAE670FA780FD3	60D4E6995ED91FE6 EFABBD8BF47C041A
t=37:	002BB8E4CD989567 66ADCFA249AC7BBD	88DF85B0BBE77514 8FBFD0162BBF4675	1A081AFC59FDBC2C F098082F502B44CD	2C59EC7743632621 0FBAE670FA780FD3
t=38:	B3BB8542B3376DE5 B49596C20FEBA7DE	002BB8E4CD989567 66ADCFA249AC7BBD	88DF85B0BBE77514 8FBFD0162BBF4675	1A081AFC59FDBC2C F098082F502B44CD
t=39:	8E01E125B855D225 0C710A47BA6A567B	B3BB8542B3376DE5 B49596C20FEBA7DE	002BB8E4CD989567 66ADCFA249AC7BBD	88DF85B0BBE77514 8FBFD0162BBF4675
t=40:	B01521DD6A6BE12C 169008B3A4BB170B	8E01E125B855D225 0C710A47BA6A567B	B3BB8542B3376DE5 B49596C20FEBA7DE	002BB8E4CD989567 66ADCFA249AC7BBD
t=41:	E96F89DD48CBD851 F0996439E7B50CB1	B01521DD6A6BE12C 169008B3A4BB170B	8E01E125B855D225 0C710A47BA6A567B	B3BB8542B3376DE5 B49596C20FEBA7DE
t=42:	BC05BA8DE5D3C480 639CB938E14DC190	E96F89DD48CBD851 F0996439E7B50CB1	B01521DD6A6BE12C 169008B3A4BB170B	8E01E125B855D225 0C710A47BA6A567B
t=43:	35D7E7F41DEFBBD5 CC5100997F5710F2	BC05BA8DE5D3C480 639CB938E14DC190	E96F89DD48CBD851 F0996439E7B50CB1	B01521DD6A6BE12C 169008B3A4BB170B
t=44:	C47C9D5C7EA8A234 858D832AE0E8911C	35D7E7F41DEFBBD5 CC5100997F5710F2	BC05BA8DE5D3C480 639CB938E14DC190	E96F89DD48CBD851 F0996439E7B50CB1
t=45:	021FBADBABAB5AC6 E95C2A57572D64D9	C47C9D5C7EA8A234 858D832AE0E8911C	35D7E7F41DEFBBD5 CC5100997F5710F2	BC05BA8DE5D3C480 639CB938E14DC190
t=46:	F61E672694DE2D67 C6BC35740D8DAA9A	021FBADBABAB5AC6 E95C2A57572D64D9	C47C9D5C7EA8A234 858D832AE0E8911C	35D7E7F41DEFBBD5 CC5100997F5710F2
t=47:	6B69FC1BB482FEAC 35264334C03AC8AD	F61E672694DE2D67 C6BC35740D8DAA9A	021FBADBABAB5AC6 E95C2A57572D64D9	C47C9D5C7EA8A234 858D832AE0E8911C
t=48:	571F323D96B3A047 271580ED6C3E5650	6B69FC1BB482FEAC 35264334C03AC8AD	F61E672694DE2D67 C6BC35740D8DAA9A	021FBADBABAB5AC6 E95C2A57572D64D9
t=49:	CA9BD862C5050918 DFE091DAB182E645	571F323D96B3A047 271580ED6C3E5650	6B69FC1BB482FEAC 35264334C03AC8AD	F61E672694DE2D67 C6BC35740D8DAA9A
t=50:	813A43DD2C502043 07A0D8EF821C5E1A	CA9BD862C5050918 DFE091DAB182E645	571F323D96B3A047 271580ED6C3E5650	6B69FC1BB482FEAC 35264334C03AC8AD
t=51:	D43F83727325DD77 483F80A82EAEE23E	813A43DD2C502043 07A0D8EF821C5E1A	CA9BD862C5050918 DFE091DAB182E645	571F323D96B3A047 271580ED6C3E5650
t=52:	03DF11B32D42E203 504F94E40591CFFA	D43F83727325DD77 483F80A82EAEE23E	813A43DD2C502043 07A0D8EF821C5E1A	CA9BD862C5050918 DFE091DAB182E645
t=53:	D63F68037DDF06AA A6781EFE1AA1CE02	03DF11B32D42E203 504F94E40591CFFA	D43F83727325DD77 483F80A82EAEE23E	813A43DD2C502043 07A0D8EF821C5E1A
t=54:	F650857B5BABDA4D 9CCFB31A86DF0F86	D63F68037DDF06AA A6781EFE1AA1CE02	03DF11B32D42E203 504F94E40591CFFA	D43F83727325DD77 483F80A82EAEE23E
t=55:	63B460E42748817E C6B4DD2A9931C509	F650857B5BABDA4D 9CCFB31A86DF0F86	D63F68037DDF06AA A6781EFE1AA1CE02	03DF11B32D42E203 504F94E40591CFFA
t=56:	7A52912943D52B05 D2E89BBD91E00BE0	63B460E42748817E C6B4DD2A9931C509	F650857B5BABDA4D 9CCFB31A86DF0F86	D63F68037DDF06AA A6781EFE1AA1CE02
t=57:	4B81C3AEC976EA4B 70505988124351AC	7A52912943D52B05 D2E89BBD91E00BE0	63B460E42748817E C6B4DD2A9931C509	F650857B5BABDA4D 9CCFB31A86DF0F86
t=58:	581ECB3355DCD9B8 6A3C9B0F71C8BF36	4B81C3AEC976EA4B 70505988124351AC	7A52912943D52B05 D2E89BBD91E00BE0	63B460E42748817E C6B4DD2A9931C509
t=59:	2C074484EF1EAC8C 4797CDE4ED370692	581ECB3355DCD9B8 6A3C9B0F71C8BF36	4B81C3AEC976EA4B 70505988124351AC	7A52912943D52B05 D2E89BBD91E00BE0
t=60:	3857DFD2FC37D3BA A6AF4E9C9F807E51	2C074484EF1EAC8C 4797CDE4ED370692	581ECB3355DCD9B8 6A3C9B0F71C8BF36	7A52912943D52B05 D2E89BBD91E00BE0
t=61:	CFCD928C5424E2B6 09AEE5BDA1644DE5	3857DFD2FC37D3BA A6AF4E9C9F807E51	2C074484EF1EAC8C 4797CDE4ED370692	581ECB3355DCD9B8 6A3C9B0F71C8BF36
t=62:	A81DEDBB9F19E643 84058865D60A05FA	CFCD928C5424E2B6 09AEE5BDA1644DE5	3857DFD2FC37D3BA A6AF4E9C9F807E51	2C074484EF1EAC8C 4797CDE4ED370692
t=63:	AB44E86276478D85 CD881EE59CA6BC53	A81DEDBB9F19E643 84058865D60A05FA	CFCD928C5424E2B6 09AEE5BDA1644DE5	3857DFD2FC37D3BA A6AF4E9C9F807E51
t=64:	5A806D7E9821A501	AB44E86276478D85	A81DEDBB9F19E643	CFCD928C5424E2B6

	AA84B086688A5C45	CD881EE59CA6BC53	84058865D60A05FA	09AEE5BDA1644DE5
t=65:	EEB9C21BB0102598	5A806D7E9821A501	AB44E86276478D85	A81DEDBB9F19E643
	3B5FED0D6A1F96E1	AA84B086688A5C45	CD881EE59CA6BC53	84058865D60A05FA
t=66:	46C4210AB2CC155D	EEB9C21BB0102598	5A806D7E9821A501	AB44E86276478D85
	29FAB5A7BFF53366	3B5FED0D6A1F96E1	AA84B086688A5C45	CD881EE59CA6BC53
t=67:	54BA35CF56A0340E	46C4210AB2CC155D	EEB9C21BB0102598	5A806D7E9821A501
	1C66F46D95690BCF	29FAB5A7BFF53366	3B5FED0D6A1F96E1	AA84B086688A5C45
t=68:	181839D609C79748	54BA35CF56A0340E	46C4210AB2CC155D	EEB9C21BB0102598
	0ADA78BA2D446140	1C66F46D95690BCF	29FAB5A7BFF53366	3B5FED0D6A1F96E1
t=69:	FB6AAAE5D0B6A447	181839D609C79748	54BA35CF56A0340E	46C4210AB2CC155D
	E3711CB6564D112D	0ADA78BA2D446140	1C66F46D95690BCF	29FAB5A7BFF53366
t=70:	7652C579CB60F19C	FB6AAAE5D0B6A447	181839D609C79748	54BA35CF56A0340E
	AFF62C9665FF80FA	E3711CB6564D112D	0ADA78BA2D446140	1C66F46D95690BCF
t=71:	F15E9664B2803575	7652C579CB60F19C	FB6AAAE5D0B6A447	181839D609C79748
	947C3DFAFEE570EF	AFF62C9665FF80FA	E3711CB6564D112D	0ADA78BA2D446140
t=72:	358406D165AEE9AB	F15E9664B2803575	7652C579CB60F19C	FB6AAAE5D0B6A447
	8C7B5FD91A794CA0	947C3DFAFEE570EF	AFF62C9665FF80FA	E3711CB6564D112D
t=73:	20878DCD29CDFAF5	358406D165AEE9AB	F15E9664B2803575	7652C579CB60F19C
	054D3536539948D0	8C7B5FD91A794CA0	947C3DFAFEE570EF	AFF62C9665FF80FA
t=74:	33D48DABB5521DE2	20878DCD29CDFAF5	358406D165AEE9AB	F15E9664B2803575
	2BA18245B50DE4CF	054D3536539948D0	8C7B5FD91A794CA0	947C3DFAFEE570EF
t=75:	C8960E6BE864B916	33D48DABB5521DE2	20878DCD29CDFAF5	358406D165AEE9AB
	995019A6FF3BA3DE	2BA18245B50DE4CF	054D3536539948D0	8C7B5FD91A794CA0
t=76:	654EF9ABEC389CA9	C8960E6BE864B916	33D48DABB5521DE2	20878DCD29CDFAF5
	CEB9FC3691CE8326	995019A6FF3BA3DE	2BA18245B50DE4CF	054D3536539948D0
t=77:	D67806DB8B148677	654EF9ABEC389CA9	C8960E6BE864B916	33D48DABB5521DE2
	25C96A7768FB2AA3	CEB9FC3691CE8326	995019A6FF3BA3DE	2BA18245B50DE4CF
t=78:	10D9C4C4295599F6	D67806DB8B148677	654EF9ABEC389CA9	C8960E6BE864B916
	9BB4D39778C07F9E	25C96A7768FB2AA3	CEB9FC3691CE8326	995019A6FF3BA3DE
t=79:	73A54F399FA4B1B2	10D9C4C4295599F6	D67806DB8B148677	654EF9ABEC389CA9
	D08446AA79693ED7	9BB4D39778C07F9E	25C96A7768FB2AA3	CEB9FC3691CE8326

H[0] = 6A09E667F3BCC908 + 73A54F3A9FA4B1B2 = DDAF35A193617ABA
H[1] = BB67AE8584CAA73B + 10D9C4C4295599F6 = CC417349AE204131
H[2] = 3C6EF372FE94F82B + D67806DC8B148677 = 12E6FA4E89A97EA2
H[3] = A54FF53A5F1D36F1 + 654EF9AC389CA9 = 0A9EEEE64B55D39A
H[4] = 510E527FADE682D1 + D08446AB79693ED7 = 2192992A274FC1A8
H[5] = 9B05688C2B3E6C1F + 9BB4D39778C07F9E = 36BA3C23A3FEEBBD
H[6] = 1F83D9ABFB41BD6B + 25C96A7868FB2AA3 = 454D4423643CE80E
H[7] = 5BE0CD19137E2179 + CEB9FC3668FB2AA3 = 2A9AC94FA54CA49F

Message Digest is

DDAF35A1 93617ABA CC417349 AE204131
12E6FA4E 89A97EA2 0A9EEEE6 4B55D39A 2192992A 274FC1A8
36BA3C23 A3FEEBBD 454D4423 643CE80E 2A9AC94F A54CA49F

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Two Block Message Sample

Input Message:

"abcdefghijklmnopqrs
abcdefghijklmnopqrstu"

Initial hash value:

H[0] = 6A09E667F3BCC908
H[1] = BB67AE8584CAA73B
H[2] = 3C6EF372FE94F82B
H[3] = A54FF53A5F1D36F1
H[4] = 510E527FADE682D1
H[5] = 9B05688C2B3E6C1F
H[6] = 1F83D9ABFB41BD6B
H[7] = 5BE0CD19137E2179

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:	F6AFCE9D2263455D 58CB0218E01B86F9	6A09E667F3BCC908 510E527FADE682D1	BB67AE8584CAA73B 9B05688C2B3E6C1F	3C6EF372FE94F82B 1F83D9ABFB41BD6B
t= 1:	0B7056A534AE5F62 F8C7198FE39E4C8C	F6AFCE9D2263455D 58CB0218E01B86F9	6A09E667F3BCC908 510E527FADE682D1	BB67AE8584CAA73B 9B05688C2B3E6C1F
t= 2:	2CA82233760C9942 303ECCCD65953DE	0B7056A534AE5F62 F8C7198FE39E4C8C	F6AFCE9D2263455D 58CB0218E01B86F9	6A09E667F3BCC908 510E527FADE682D1
t= 3:	A023F17CE52CDA7B FFDEE5EEDCC9CA42	2CA82233760C9942 303ECCCD65953DE	0B7056A534AE5F62 F8C7198FE39E4C8C	F6AFCE9D2263455D 58CB0218E01B86F9
t= 4:	8F0A67D9D591A1A7 CB4CFBB166505F2F	A023F17CE52CDA7B FFDEE5EEDCC9CA42	2CA82233760C9942 303ECCCD65953DE	0B7056A534AE5F62 F8C7198FE39E4C8C
t= 5:	B466267371ACC493 73D6C84C54D399EE	8F0A67D9D591A1A7 CB4CFBB166505F2F	A023F17CE52CDA7B FFDEE5EEDCC9CA42	2CA82233760C9942 303ECCCD65953DE
t= 6:	658269F1A312FCCD CDC40314975FB275	B466267371ACC493 73D6C84C54D399EE	8F0A67D9D591A1A7 CB4CFBB166505F2F	A023F17CE52CDA7B FFDEE5EEDCC9CA42
t= 7:	65E3519C5B88181B A657850AB3970C5A	658269F1A312FCCD CDC40314975FB275	B466267371ACC493 73D6C84C54D399EE	8F0A67D9D591A1A7 CB4CFBB166505F2F
t= 8:	56604FBB4B6393EC E8B3BE22FBE64DF7	65E3519C5B88181B A657850AB3970C5A	658269F1A312FCCD CDC40314975FB275	B466267371ACC493 73D6C84C54D399EE
t= 9:	C4562769A37D02C0 0062E70A1EF705C1	56604FBB4B6393EC E8B3BE22FBE64DF7	65E3519C5B88181B A657850AB3970C5A	658269F1A312FCCD CDC40314975FB275
t=10:	27C0B4C9186E1736 BC9740477A18AE2D	C4562769A37D02C0 0062E70A1EF705C1	56604FBB4B6393EC E8B3BE22FBE64DF7	65E3519C5B88181B A657850AB3970C5A
t=11:	F17F52FB02F4EB74 BE58522CB9590EE1	27C0B4C9186E1736 BC9740477A18AE2D	C4562769A37D02C0 0062E70A1EF705C1	56604FBB4B6393EC E8B3BE22FBE64DF7
t=12:	F2C245AC903D4A35	F17F52FB02F4EB74	27C0B4C9186E1736	C4562769A37D02C0

	49D5FA3A16DCD502	BE58522CB9590EE1	BC9740477A18AE2D	0062E70A1EF705C1
t=13:	9B04175EA8090DAA	F2C245AC903D4A35	F17F52FB02F4EB74	27C0B4C9186E1736
	EC9C5E98FF98760D	49D5FA3A16DCD502	BE58522CB9590EE1	BC9740477A18AE2D
t=14:	481B8A6EE5E07031	9B04175EA8090DAA	F2C245AC903D4A35	F17F52FB02F4EB74
	E4D35B613A5AC420	EC9C5E98FF98760D	49D5FA3A16DCD502	BE58522CB9590EE1
t=15:	9356AC3EC3E51459	481B8A6EE5E07031	9B04175EA8090DAA	F2C245AC903D4A35
	701F17D27582443B	E4D35B613A5AC420	EC9C5E98FF98760D	49D5FA3A16DCD502
t=16:	B889ED34ABD7AA37	9356AC3EC3E51459	481B8A6EE5E07031	9B04175EA8090DAA
	1D05D9BA779A1A78	701F17D27582443B	E4D35B613A5AC420	EC9C5E98FF98760D
t=17:	BF537B1F3EDC7381	B889ED34ABD7AA37	9356AC3EC3E51459	481B8A6EE5E07031
	C362FF9CF932951D	1D05D9BA779A1A78	701F17D27582443B	E4D35B613A5AC420
t=18:	D4E44D54E8242AD8	BF537B1F3EDC7381	B889ED34ABD7AA37	9356AC3EC3E51459
	459E4E6888919F36	C362FF9CF932951D	1D05D9BA779A1A78	701F17D27582443B
t=19:	05F3FBA454E5DE3D	D4E44D54E8242AD8	BF537B1F3EDC7381	B889ED34ABD7AA37
	CAED4B5FA322B984	459E4E6888919F36	C362FF9CF932951D	1D05D9BA779A1A78
t=20:	CDB73772DC0248BF	05F3FBA454E5DE3D	D4E44D54E8242AD8	BF537B1F3EDC7381
	DC8049AFA6ACD502	CAED4B5FA322B984	459E4E6888919F36	C362FF9CF932951D
t=21:	1D47A3268FF677ED	CDB73772DC0248BF	05F3FBA454E5DE3D	D4E44D54E8242AD8
	8407818E9B28CC12	DC8049AFA6ACD502	CAED4B5FA322B984	459E4E6888919F36
t=22:	AF4E23EB622D0DF4	1D47A3268FF677ED	CDB73772DC0248BF	05F3FBA454E5DE3D
	64B5AE5424598428	8407818E9B28CC12	DC8049AFA6ACD502	CAED4B5FA322B984
t=23:	BE50606778DE14A6	AF4E23EB622D0DF4	1D47A3268FF677ED	CDB73772DC0248BF
	0A5D727CC92E7ADB	64B5AE5424598428	8407818E9B28CC12	DC8049AFA6ACD502
t=24:	821E44F6678AC478	BE50606778DE14A6	AF4E23EB622D0DF4	1D47A3268FF677ED
	F367E596D0A038A5	0A5D727CC92E7ADB	64B5AE5424598428	8407818E9B28CC12
t=25:	0C852B1359A77C18	821E44F6678AC478	BE50606778DE14A6	AF4E23EB622D0DF4
	6DEC8A3396A80C3F	F367E596D0A038A5	0A5D727CC92E7ADB	64B5AE5424598428
t=26:	EBB574FAD4B7A7E4	0C852B1359A77C18	821E44F6678AC478	BE50606778DE14A6
	A241E7EFC1EB6FF9	6DEC8A3396A80C3F	F367E596D0A038A5	0A5D727CC92E7ADB
t=27:	A092821C3CDF08DA	EBB574FAD4B7A7E4	0C852B1359A77C18	821E44F6678AC478
	C84E849917A7C08E	A241E7EFC1EB6FF9	6DEC8A3396A80C3F	F367E596D0A038A5
t=28:	82BA2E1A2DF2A4F1	A092821C3CDF08DA	EBB574FAD4B7A7E4	0C852B1359A77C18
	61845F6924789851	C84E849917A7C08E	A241E7EFC1EB6FF9	6DEC8A3396A80C3F
t=29:	1959AD991C63D06A	82BA2E1A2DF2A4F1	A092821C3CDF08DA	EBB574FAD4B7A7E4
	231FAF24910A891A	61845F6924789851	C84E849917A7C08E	A241E7EFC1EB6FF9
t=30:	9B32D4CACD9A625B	1959AD991C63D06A	82BA2E1A2DF2A4F1	A092821C3CDF08DA
	533066919D608799	231FAF24910A891A	61845F6924789851	C84E849917A7C08E
t=31:	DC55339F4D841965	9B32D4CACD9A625B	1959AD991C63D06A	82BA2E1A2DF2A4F1
	E2517F359998A58D	533066919D608799	231FAF24910A891A	61845F6924789851
t=32:	FDEBB1283B12514F	DC55339F4D841965	9B32D4CACD9A625B	1959AD991C63D06A
	B1989170A183C661	E2517F359998A58D	533066919D608799	231FAF24910A891A
t=33:	B44C7975A83E3334	FDEBB1283B12514F	DC55339F4D841965	9B32D4CACD9A625B
	009AD175B8D588A4	B1989170A183C661	E2517F359998A58D	533066919D608799
t=34:	0BAC61BFC53D18B7	B44C7975A83E3334	FDEBB1283B12514F	DC55339F4D841965
	A7D5416D690557B8	009AD175B8D588A4	B1989170A183C661	E2517F359998A58D
t=35:	392893C22E75856A	0BAC61BFC53D18B7	B44C7975A83E3334	FDEBB1283B12514F
	7A7C9EB7BC813248	A7D5416D690557B8	009AD175B8D588A4	B1989170A183C661
t=36:	824408631432E09B	392893C22E75856A	0BAC61BFC53D18B7	B44C7975A83E3334
	5E696A9FDA56D6BF	7A7C9EB7BC813248	A7D5416D690557B8	009AD175B8D588A4
t=37:	A64162F151A8C1CB	824408631432E09B	392893C22E75856A	0BAC61BFC53D18B7
	0F57062401DC680B	5E696A9FDA56D6BF	7A7C9EB7BC813248	A7D5416D690557B8
t=38:	922537ABAD1E95A1	A64162F151A8C1CB	824408631432E09B	392893C22E75856A
	4F4C193D435FF721	0F57062401DC680B	5E696A9FDA56D6BF	7A7C9EB7BC813248
t=39:	B80591F6FBFADCE	922537ABAD1E95A1	A64162F151A8C1CB	824408631432E09B
	00F4407C0F37237E	4F4C193D435FF721	0F57062401DC680B	5E696A9FDA56D6BF
t=40:	08F151F4B8D0FA2E	B80591F6FBFADCE	922537ABAD1E95A1	A64162F151A8C1CB
	EC8B96FE402094CD	00F4407C0F37237E	4F4C193D435FF721	0F57062401DC680B
t=41:	12B5FCC2B68F65C0	08F151F4B8D0FA2E	B80591F6FBFADCE	922537ABAD1E95A1

	D688101DFD24A148	EC8B96FE402094CD	00F4407C0F37237E	4F4C193D435FF721
t=42:	A71BF5BD64289948	12B5FCC2B68F65C0	08F151F4B8D0FA2E	B80591F6FBFADCE
	E052BFB7A6945939	D688101DFD24A148	EC8B96FE402094CD	00F4407C0F37237E
t=43:	890C2CD670C4AEA3	A71BF5BD64289948	12B5FCC2B68F65C0	08F151F4B8D0FA2E
	DD13E4EDEEFF00E7	E052BFB7A6945939	D688101DFD24A148	EC8B96FE402094CD
t=44:	CA61990B43297FFC	890C2CD670C4AEA3	A71BF5BD64289948	12B5FCC2B68F65C0
	139AA55C51D9EE5F	DD13E4EDEEFF00E7	E052BFB7A6945939	D688101DFD24A148
t=45:	7196E8FA538BA4BF	CA61990B43297FFC	890C2CD670C4AEA3	A71BF5BD64289948
	046735513CDD14D3	139AA55C51D9EE5F	DD13E4EDEEFF00E7	E052BFB7A6945939
t=46:	1F0720944DBEB6A4	7196E8FA538BA4BF	CA61990B43297FFC	890C2CD670C4AEA3
	A41EB7E5A27588E3	046735513CDD14D3	139AA55C51D9EE5F	DD13E4EDEEFF00E7
t=47:	D6D4F8608B8AB199	1F0720944DBEB6A4	7196E8FA538BA4BF	CA61990B43297FFC
	24B9C216F915DA60	A41EB7E5A27588E3	046735513CDD14D3	139AA55C51D9EE5F
t=48:	88761EB67845978E	D6D4F8608B8AB199	1F0720944DBEB6A4	7196E8FA538BA4BF
	9FE22E39448D50ED	24B9C216F915DA60	A41EB7E5A27588E3	046735513CDD14D3
t=49:	7D40E6BE47D85702	88761EB67845978E	D6D4F8608B8AB199	1F0720944DBEB6A4
	D9C900E01968C33E	9FE22E39448D50ED	24B9C216F915DA60	A41EB7E5A27588E3
t=50:	7D0D988DF5768598	7D40E6BE47D85702	88761EB67845978E	D6D4F8608B8AB199
	2EC2E522A7C7D12C	D9C900E01968C33E	9FE22E39448D50ED	24B9C216F915DA60
t=51:	48A8B60575B37F31	7D0D988DF5768598	7D40E6BE47D85702	88761EB67845978E
	7059F9BC8C88A373	2EC2E522A7C7D12C	D9C900E01968C33E	9FE22E39448D50ED
t=52:	6BC425AF294BBF79	48A8B60575B37F31	7D0D988DF5768598	7D40E6BE47D85702
	6A8143B1716EE33D	7059F9BC8C88A373	2EC2E522A7C7D12C	D9C900E01968C33E
t=53:	307A456158EE8849	6BC425AF294BBF79	48A8B60575B37F31	7D0D988DF5768598
	4372E85C16EE4440	6A8143B1716EE33D	7059F9BC8C88A373	2EC2E522A7C7D12C
t=54:	AF36382C8FD716BE	307A456158EE8849	6BC425AF294BBF79	48A8B60575B37F31
	A8F8B0033187A916	4372E85C16EE4440	6A8143B1716EE33D	7059F9BC8C88A373
t=55:	810EBEE951C64CA1	AF36382C8FD716BE	307A456158EE8849	6BC425AF294BBF79
	16A64F5997B9CCA6	A8F8B0033187A916	4372E85C16EE4440	6A8143B1716EE33D
t=56:	2DD7659F1B4D13CD	810EBEE951C64CA1	AF36382C8FD716BE	307A456158EE8849
	5DA6793BB7286A4B	16A64F5997B9CCA6	A8F8B0033187A916	4372E85C16EE4440
t=57:	5AC712ACFF4B98BE	2DD7659F1B4D13CD	810EBEE951C64CA1	AF36382C8FD716BE
	91F6395B301ADBFD	5DA6793BB7286A4B	16A64F5997B9CCA6	A8F8B0033187A916
t=58:	C1AF358833CB03C0	5AC712ACFF4B98BE	2DD7659F1B4D13CD	810EBEE951C64CA1
	D4883C0C21DDA190	91F6395B301ADBFD	5DA6793BB7286A4B	16A64F5997B9CCA6
t=59:	88A306074D388C7D	C1AF358833CB03C0	5AC712ACFF4B98BE	2DD7659F1B4D13CD
	9FC52468B897F9C8	D4883C0C21DDA190	91F6395B301ADBFD	5DA6793BB7286A4B
t=60:	F11BFD0CF67D3040	88A306074D388C7D	C1AF358833CB03C0	5AC712ACFF4B98BE
	47EFB6407F74D318	9FC52468B897F9C8	D4883C0C21DDA190	91F6395B301ADBFD
t=61:	1F065E7828ED4E1B	F11BFD0CF67D3040	88A306074D388C7D	C1AF358833CB03C0
	7481899904A4CE23	47EFB6407F74D318	9FC52468B897F9C8	D4883C0C21DDA190
t=62:	AEBDE39F2BC42EC1	1F065E7828ED4E1B	F11BFD0CF67D3040	88A306074D388C7D
	62AB526FF177A988	7481899904A4CE23	47EFB6407F74D318	9FC52468B897F9C8
t=63:	D35A94706E3E5DF2	AEBDE39F2BC42EC1	1F065E7828ED4E1B	F11BFD0CF67D3040
	53F92B648D5D815C	62AB526FF177A988	7481899904A4CE23	47EFB6407F74D318
t=64:	D72D727C53E09AB9	D35A94706E3E5DF2	AEBDE39F2BC42EC1	1F065E7828ED4E1B
	10746426BA9824F4	53F92B648D5D815C	62AB526FF177A988	7481899904A4CE23
t=65:	3A7235E5A4051D94	D72D727C53E09AB9	D35A94706E3E5DF2	AEBDE39F2BC42EC1
	AFE455DAEC5C2B00	10746426BA9824F4	53F92B648D5D815C	62AB526FF177A988
t=66:	F7F510FE73EF7E76	3A7235E5A4051D94	D72D727C53E09AB9	D35A94706E3E5DF2
	F1202C0BB7C4583F	AFE455DAEC5C2B00	10746426BA9824F4	53F92B648D5D815C
t=67:	23C2ACFB393523E9	F7F510FE73EF7E76	3A7235E5A4051D94	D72D727C53E09AB9
	A0BC2A61044AC12E	F1202C0BB7C4583F	AFE455DAEC5C2B00	10746426BA9824F4
t=68:	0307D241A1ED7121	23C2ACFB393523E9	F7F510FE73EF7E76	3A7235E5A4051D94
	FAD5F38F1E0AEA12	A0BC2A61044AC12E	F1202C0BB7C4583F	AFE455DAEC5C2B00
t=69:	191814D82F0A16FB	0307D241A1ED7121	23C2ACFB393523E9	F7F510FE73EF7E76
	39D325086E66E200	FAD5F38F1E0AEA12	A0BC2A61044AC12E	F1202C0BB7C4583F
t=70:	0A1ED41B6DA18C01	191814D82F0A16FB	0307D241A1ED7121	23C2ACFB393523E9

	B3D3521E166E5DF1	39D325086E66E200	FAD5F38F1E0AEA12	A0BC2A61044AC12E
t=71:	8A3F07DB93F6C827	0A1ED41B6DA18C01	191814D82F0A16FB	0307D241A1ED7121
	6B370074BE040ED7	B3D3521E166E5DF1	39D325086E66E200	FAD5F38F1E0AEA12
t=72:	002744D87EF80D28	8A3F07DB93F6C827	0A1ED41B6DA18C01	191814D82F0A16FB
	8C5A245DE2D72FE6	6B370074BE040ED7	B3D3521E166E5DF1	39D325086E66E200
t=73:	778DC7880A4A2AA0	002744D87EF80D28	8A3F07DB93F6C827	0A1ED41B6DA18C01
	45A375B466E5E342	8C5A245DE2D72FE6	6B370074BE040ED7	B3D3521E166E5DF1
t=74:	A3F11DE5EDE05B11	778DC7880A4A2AA0	002744D87EF80D28	8A3F07DB93F6C827
	F5BBF52F1AB7CC05	45A375B466E5E342	8C5A245DE2D72FE6	6B370074BE040ED7
t=75:	629C8AE6ECD8AF4B	A3F11DE5EDE05B11	778DC7880A4A2AA0	002744D87EF80D28
	5A8FE5919D3CF136	F5BBF52F1AB7CC05	45A375B466E5E342	8C5A245DE2D72FE6
t=76:	C9A8C1E2D063CE94	629C8AE6ECD8AF4B	A3F11DE5EDE05B11	778DC7880A4A2AA0
	AACD089BFAE8FAF9	5A8FE5919D3CF136	F5BBF52F1AB7CC05	45A375B466E5E342
t=77:	C517CBA6A09BB26A	C9A8C1E2D063CE94	629C8AE6ECD8AF4B	A3F11DE5EDE05B11
	E1682BD33C8F8E23	AACD089BFAE8FAF9	5A8FE5919D3CF136	F5BBF52F1AB7CC05
t=78:	11E3570E06E3B74E	C517CBA6A09BB26A	C9A8C1E2D063CE94	629C8AE6ECD8AF4B
	075AABBAD34FD01	E1682BD33C8F8E23	AACD089BFAE8FAF9	5A8FE5919D3CF136
t=79:	D90F1B1237B3A561	11E3570E06E3B74E	C517CBA6A09BB26A	C9A8C1E2D063CE94
	867983F69D3A3AD1	075AABBAD34FD01	E1682BD33C8F8E23	AACD089BFAE8FAF9

H[0] = 6A09E667F3BCC908 + D90F1B1337B3A561 = 4319017A2B706E69
H[1] = BB67AE8584CAA73B + 11E3570E06E3B74E = CD4B05938BAE5E89
H[2] = 3C6EF372FE94F82B + C517CBA7A09BB26A = 0186BF199F30AA95
H[3] = A54FF53A5F1D36F1 + C9A8C1E3D063CE94 = 6EF8B71D2F810585
H[4] = 510E527FADE682D1 + 867983F79D3A3AD1 = D787D6764B20BDA2
H[5] = 9B05688C2B3E6C1F + 075AABBAD34FD01 = A260144709736920
H[6] = 1F83D9ABFB41BD6B + E1682BD43C8F8E23 = 00EC057F37D14B8E
H[7] = 5BE0CD19137E2179 + AACD089C3C8F8E23 = 06ADD5B50E671C72

=====
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:	88FDB92BDFB187E8	4319017A2B706E69	CD4B05938BAE5E89	0186BF199F30AA95
	1D5F4D5AD031B8E6	D787D6764B20BDA2	A260144709736920	00EC057F37D14B8E
t= 1:	6EB90718369C5CD7	88FDB92BDFB187E8	4319017A2B706E69	CD4B05938BAE5E89
	4B9B4877D987B0FE	1D5F4D5AD031B8E6	D787D6764B20BDA2	A260144709736920
t= 2:	C83451F2335D5144	6EB90718369C5CD7	88FDB92BDFB187E8	4319017A2B706E69
	D6B67350E0781E99	4B9B4877D987B0FE	1D5F4D5AD031B8E6	D787D6764B20BDA2
t= 3:	28EC1DEB2A9EE6E3	C83451F2335D5144	6EB90718369C5CD7	88FDB92BDFB187E8
	25E3136BE5999B8C	D6B67350E0781E99	4B9B4877D987B0FE	1D5F4D5AD031B8E6

t= 4: 806ABD86C0479E5B 28EC1DEB2A9EE6E3 C83451F2335D5144 6EB90718369C5CD7
1B8F7670EAB1CF89 25E3136BE5999B8C D6B67350E0781E99 4B9B4877D987B0FE
t= 5: 234788F8A54AED38 806ABD86C0479E5B 28EC1DEB2A9EE6E3 C83451F2335D5144
4FABE51C67D5D156 1B8F7670EAB1CF89 25E3136BE5999B8C D6B67350E0781E99
t= 6: 01264F18257B5E2C 234788F8A54AED38 806ABD86C0479E5B 28EC1DEB2A9EE6E3
1C3506096B99DE50 4FABE51C67D5D156 1B8F7670EAB1CF89 25E3136BE5999B8C
t= 7: 5B14F38104DDE991 01264F18257B5E2C 234788F8A54AED38 806ABD86C0479E5B
13F8BFDC4001C362 1C3506096B99DE50 4FABE51C67D5D156 1B8F7670EAB1CF89
t= 8: F522574A41B2AAC6 5B14F38104DDE991 01264F18257B5E2C 234788F8A54AED38
63A5F09617622ED2 13F8BFDC4001C362 1C3506096B99DE50 4FABE51C67D5D156
t= 9: 6EC258B855AFAE5A F522574A41B2AAC6 5B14F38104DDE991 01264F18257B5E2C
211E271D92770B36 63A5F09617622ED2 13F8BFDC4001C362 1C3506096B99DE50
t=10: 9364214BA48B416C 6EC258B855AFAE5A F522574A41B2AAC6 5B14F38104DDE991
D64DCB6EC0FE5BAC 211E271D92770B36 63A5F09617622ED2 13F8BFDC4001C362
t=11: 082BA62147ECBBD5 9364214BA48B416C 6EC258B855AFAE5A F522574A41B2AAC6
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t=12: 5790F6BA82BBA809 082BA62147ECBBD5 9364214BA48B416C 6EC258B855AFAE5A
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t=15: 00E8E32076A61AFF BF2324A9A363ABE7 A6B8AEFD086D33CE 5790F6BA82BBA809
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t=20: 837F8075D2945995 D94CCB853F53433B 9AE56936E95325AC 2FAD194272CDA857
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t=63:	3960545AB926C0D5 9EABB5618B4FCD13	D53E0A39EEE47528 1B6D7234ACE15D7D	F8E6924412FD0C64 D50CF4F73910E3EE	C1700E250DC6FFED 970088839126BDA5
t=64:	B2C164D71ABB92FE F1736FBBFB6EBE72	3960545AB926C0D5 9EABB5618B4FCD13	D53E0A39EEE47528 1B6D7234ACE15D7D	F8E6924412FD0C64 D50CF4F73910E3EE
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t=66:	59D0238CE137ABD7 5F3C64B7546E2CEC	4D979E985B067E75 D1FB300F35992350	B2C164D71ABB92FE F1736FBBFB6EBE72	3960545AB926C0D5 9EABB5618B4FCD13
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t=69:	E08471946C17B0B6 714E2ADF4E23FF24	C45DD4A2D2FEA059 48253E21B26D8CF9	BF8D9453B9876B0A 6C27893A31B0E07E	59D0238CE137ABD7 5F3C64B7546E2CEC
t=70:	B4838C1C28FEE7BC 371F12F333F7E5B9	E08471946C17B0B6 714E2ADF4E23FF24	C45DD4A2D2FEA059 48253E21B26D8CF9	BF8D9453B9876B0A 6C27893A31B0E07E
t=71:	851CF60A77F6E6D1 A2A475DEAC0E8B42	B4838C1C28FEE7BC 371F12F333F7E5B9	E08471946C17B0B6 714E2ADF4E23FF24	C45DD4A2D2FEA059 48253E21B26D8CF9
t=72:	F53D23C50249AF2D 1E99CAE9D4CF0409	851CF60A77F6E6D1 A2A475DEAC0E8B42	371F12F333F7E5B9 714E2ADF4E23FF24	48253E21B26D8CF9 714E2ADF4E23FF24
t=73:	B81E85D427045550 F5794711FAA60F63	F53D23C50249AF2D 1E99CAE9D4CF0409	851CF60A77F6E6D1 A2A475DEAC0E8B42	371F12F333F7E5B9 48253E21B26D8CF9
t=74:	AE70C7D11EA84A83 DC0D633411C289B2	B81E85D427045550 F5794711FAA60F63	F53D23C50249AF2D 1E99CAE9D4CF0409	851CF60A77F6E6D1 A2A475DEAC0E8B42
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t=77:	8DF0BAAD4C6ED50C C6E7246F7F0BDAC6	03A0F79087078A93 57E90FA678E4CC97	5C54592E13C76135 1620DD5479E94B9B	AE70C7D11EA84A83 DC0D633411C289B2
t=78:	BFA9F194894DB5B6 90BB8597BB41DA1A	8DF0BAAD4C6ED50C C6E7246F7F0BDAC6	03A0F79087078A93 57E90FA678E4CC97	5C54592E13C76135 1620DD5479E94B9B
t=79:	4B7C99FBAF72A571 78955227FDE03A42	BFA9F194894DB5B6 90BB8597BB41DA1A	8DF0BAAD4C6ED50C C6E7246F7F0BDAC6	03A0F79087078A93 57E90FA678E4CC97

H[0] = 4319017A2B706E69 + 4B7C99FBAF72A571 = 8E959B75DAE313DA
H[1] = CD4B05938BAE5E89 + BFA9F195894DB5B6 = 8CF4F72814FC143F
H[2] = 0186BF199F30AA95 + 8DF0BAAD4C6ED50C = 8F7779C6EB9F7FA1
H[3] = 6EF8B71D2F810585 + 03A0F79087078A93 = 7299AEADB6889018
H[4] = D787D6764B20BDA2 + 78955228FDE03A42 = 501D289E4900F7E4
H[5] = A260144709736920 + 90BB8597BB41DA1A = 331B99DEC4B5433A
H[6] = 00EC057F37D14B8E + C6E7246F7F0BDAC6 = C7D329EEB6DD2654
H[7] = 06ADD5B50E671C72 + 57E90FA67F0BDAC6 = 5E96E55B874BE909

Message Digest is

8E959B75 DAE313DA 8CF4F728 14FC143F
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