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Chứng thư số gốc của Tổ chức cung cấp dịch vụ chứng thực chữ ký số quốc gia (chứng thư số SHA-256)

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3	<p>Chứng thư số gốc của Tổ chức cung cấp dịch vụ chứng thực chữ ký số chuyên dùng Chính phủ (chứng thư số SHA-1)</p>	<p>-----BEGIN CERTIFICATE-----</p> <p>MIID+DCCAuCgAwIBAgIJAP8wOuTpCsHtMA0GCSqGSIb3DQEBBQUAMGsx CzAJBgNV BAYTAlZOMR0wGwYDVQQKDBRCYw4gQ28geWV1IENoaW5oIHBodTE9MDsGA1UEAw0Q28gcXVhbiBjaHVuZyB0aHVjIHNvIGNodX11biBkdW5nIENoaW5oIHBodSAoUm9vdENBKTAeFw0xMDAzMTAwNTQ1NTdaFw0zMDAzMDUwNTQ1NTdaMGsx CzAJBgNVBAYTAlZOMR0wGwYDVQQKDBRCYw4gQ28geWV1IENoaW5oIHBodTE9MDsGA1UEAw0Q28gcXVhbiBjaHVuZyB0aHVjIHNvIGNodX11biBkdW5nIENoaW5oIHBodSAoUm9vdENBKTCAS IwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBANrzvexkvgul4drUnV6GMcvLdenKrrzYnVpzIp78ijBMqWcG+cu+AJ52GbqYdbsO6JnaNLSxuxpM7Uejiwi2QBTe2NXIy4TtkadbIjPlQHUIetTYeL TESUw0vOEuwtAM2PVmoSpdEPFw4o06E3/MCtiM0fSRuyyXM8uu0EyYqUowFJbEDERqq1PeU0okutsgzUftZkG/TM6WE97FMbA4KC5stxG8SHCe4YFNrQIaM8Ozemd11MIJaSHSvrv+EWR1TDeg02U18qB3aiaamSX2M7B3JMKed0oBo1UqkLc/ePqG2kKHVbc2plmePX5n1etCpM6+RUjpvzdkcihxxAUjJAcCAwEAAaOBnjCBmzAPBgNVHRMBAf8EBTADAQH/MB0GA1UdDgQWBBTzFxtRoxe3nvw22H6eQD/WHSdXDAfBgNVHSMEGDAWgBTzFxtRoxe3nvw22H6eQD/WHSdXDAOBgNVHQ8BAf8EBAMCAQYwOAYDVR0fBDEwLzAtocugKYynaHR0cDovL2NhLmdvdi52bi9wa2kvchViL2Nybc9yb290Y2EuY3JsMA0GCSqGSIb3DQEBBQUAA4IBAQA bivpvhtC3w/9gWAh34UovGuSUwFDQOcmUTExhhJiADI18E49WBTeN1ic7oZhb1aFRQzW9e6NNgkSrCy5piklgkdOtgB+qx2b3s9CCj8VNYwLADH9ziMmXPgyJLv0n9TqBj7yTWT85Yc49er0nsDdvxSBqlJiiu/SGD6ZMda/mztJnkrteTAKa2zw2i46rcwTSURjyYEJfpj/joxEcCqAubXwIdteNWjMhz07MrPXD a7OGdn7ppLpZEIHMSCZR+ULILtrd3cTDAzRlIP9bNzg1wc0bf4IY9ErVFZAPlnx6wxxIIOWp+JBRpf1TiKu73Q990Pmcpk92bAk68y20xRI1</p> <p>-----END CERTIFICATE-----</p>
4	<p>Chứng thư số gốc của Tổ chức cung cấp dịch vụ chứng thực chữ ký số chuyên dùng Chính phủ (chứng thư số SHA-256)</p>	<p>-----BEGIN CERTIFICATE-----</p> <p>MIIFpzCCA4+gAwIBAgII02WwoDAG+aswDQYJKoZIhvcNAQELBQAwYTELMAkGA1UE BhMCvk4xIzAhBgNVBAoMGkjhbiBDxqEgeeG6v3UgQ2jDrW5oIHB04bunMS0wKwYD VQDDCRsb290Q0EgY2h1ecOqbiBkw7luZyBDAmOtbmggcGjhu6cgRzIwHhcNMTgw ODiyMDczNjM5WhcNNDgwODE0MDczNjM5WjBhMQswCQYDVQQGEwJWtjEjMCEGA1UE CgwaQmFuIEPGoSB54bq/dSBDaMOTbmggcGjhu6cxLTA rBgNVBAMMJFJvb3RDQSBj</p>

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-----END CERTIFICATE-----

## 2. Thông tin về khoá công khai trên các chứng thư số gốc tin cậy

STT	Chứng thư số gốc tin cậy	Thuật toán sinh khoá	Khoá công khai	
			Mô-đun n (Hexadecimal)	Số mũ công khai e (Hexadecimal)
1	Chứng thư số gốc của Tổ chức cung cấp dịch vụ chứng thực chữ ký số quốc gia (chứng thư số SHA-1)	RSA 2048 bit	A1 3F 59 51 0E FE 30 FF 61 DB 96 78 14 8B DB 43 3C 36 BE 61 AF DC B5 3F 60 1E D3 0D 01 41 AD F8 C9 8A 42 8E C8 ED 32 86 47 C5 FE B5 F7 EA D6 44 37 10 12 C3 48 08 51 50 BA E5 57 E9 CE 35 C9 8E 1C 73 09 85 33 4C E1 BB 38 AC 8E AD B7 13 04 2E 66 81 57 2D CC FB 1A FD 2E 9C 8B FD 09 40 F0 60 17 9B 71 45 6D 7D E3 DB 2A D2 BB 9A DD EB CC 5E E4 00 DF D5 6C 30 85 9B BD 57 7F 2D D4 24 D3 80 FB E0 28 51 BE B0 D6 61 07 CC E5 A0 47 E7 91 6D 2F 87 58 E8 B4 AD C1 B1 46 B3 DC 5A 1D 38 09 D9 FB B5 27 98 9E 5E FC F1 F4 48 FF E8 A1 3B FF 50 33 D9 26 AB B2 99 62 9D CC 7B C8 52 4D 9E 5C 42 8B 6F 74 7E FC 94 13 DE 0A D2 F0 B5 6A F8 96 4C 50 9C E6 21 8E C1 E5 97 01 4E CD 9F B0 40 19 7C 1B 59 6F 5C 38 19 9A 37 DA D1 81 39 16 32 EF 81 AD B0 21 6B 11 97 C2 C1 08 BD 6F 23 5C 04 0F D3	01 00 01
2	Chứng thư số gốc của Tổ chức cung cấp dịch vụ chứng thực chữ ký số quốc gia (chứng thư số SHA-256)	RSA 4096 bit	B8 AC 5A 7B 08 30 D9 70 7A 69 F5 1F E3 37 95 4E 14 03 97 F1 BD C6 3E 7A 52 84 FE F0 A6 D6 EC 17 88 8E 45 1E BF 09 54 98 AE 7F 8F 81 D0 68 8B 8D 83 B8 3D A2 24 1A 53 61 AD ED 63 3F 7D 34 7C A7 F3 E4 41 3E F2 CE E6 34 B8 BC D2 C5 43 B7 77 C2 F1 06 71 51 87 3F F9 56 79 3A 71 F5 9C B1 95 30 08 48 14 FC B1 EB 9D 5B 91 8C 86 2C 7D F7 5C DD 80 E0 50 99 1C 6E 79 F1 46 AE B3 4C 5F 41 1B 6C 47 DD FD C2 EB C0 B8 63 7C 84 45 A7 B9 30 2B A4 A4 D1 0B 5E 1E 86 72 D4 51 D8 59 12 84 57 88 4F 32 54 65 28 2E 08 42 49 02 3E 6A 61 6D EB 6A 42 6E 77 85 E3 14 55 60 32 79 7A FB BF 0F 63 1B E5 00 0F 28 15 0A D4 6C 0C B0 5A AE 8B CE 7E B3 72 9A 3E 39 9B 96 7C 5E CD 15 51 84 70 0B 43 B8 DD 68 CA FB 2D F8 7E BC 7F A8 22 67 8F 9D 28 8E 1D	01 00 01

			05 CA C5 91 82 7E A6 D7 FD F3 E0 DE BF F2 23 EA 89 E3 38 B8 15 80 4F FA 2F 0A 6B 0C 85 58 ED 7D 2F 76 A1 86 EC D6 E1 EA 06 9E BA 00 86 E7 F9 98 B4 85 64 1E 1C 0F 2B E2 9C 4C F1 13 61 92 43 63 14 F7 AD 42 1A 85 A6 21 D5 0A 7E 2D F1 03 5D 32 48 D9 71 8A 7B 2F 65 06 49 85 81 D1 A9 65 8E B9 A7 7C 6F AD 85 BE 34 77 1C 6E D3 EC 47 EB 30 72 EB 86 45 5E D4 3F F9 DD 99 15 F4 F0 68 9A 31 37 CA AE 44 7B 57 94 6F 7D EA C3 89 0F EF 7B 37 EA DA 10 CF 1E 2C C5 6A AC 6D 22 64 D4 BB CC 05 BD 71 9B A3 5D 61 B2 BA 8B 09 A2 90 C5 94 E8 A2 76 29 EC 40 95 60 50 EE 7A E2 FB 13 A5 29 E1 C5 E5 7A BD 6A 2E FA 77 C3 E4 19 55 1E 2B E7 C2 0A BF 15 6B B4 76 91 89 95 2C 6C 36 B7 DF 97 40 95 68 E0 68 92 3C 41 66 78 1C E1 D5 64 B4 23 AD 7F 89 92 30 CF 25 33 07 37 1B 8C 12 41 25 AC 24 85 DE B5 EA 50 A6 7F 24 CB EA 29 E6 35 EA 34 03 68 7D	
3	<p>Chứng thư số gốc của Tổ chức cung cấp dịch vụ chứng thực chữ ký số chuyên dùng Chính phủ (chứng thư số SHA-1)</p>	RSA 2048 bit	1B 8A FA 6F 86 D0 B7 C3 FF 60 58 08 77 E1 4A 2F 1A E4 94 C0 50 D0 39 C9 94 4C 4C 61 84 98 80 0C 8D 7C 13 8F 56 05 37 8D D6 20 BB A1 98 5B D5 A1 51 43 35 BD 7B A3 4D 82 44 AB 0B 2E 69 8A 4D 60 91 D3 AD 80 1F AA C7 66 F7 B3 D0 82 8F C5 4D CB 09 40 0C 7F 73 88 C9 97 3E 0C 89 2E FD 27 F5 3A 81 8F BC 93 59 3F 39 61 CE 3D 7A BD 27 B0 37 6F C5 20 6A 94 98 A2 BB F4 86 0F A6 4C 75 AF E6 CE D2 67 92 BB 5E 4C 09 1A DB 3C 36 8B 8E AB 73 04 D2 51 18 F2 60 42 5F A6 3F E3 A3 11 1C 0A A0 2E 6D 7C 08 76 D7 8D 5A 33 21 CF 4E CC AC F5 C3 6B B3 86 76 7E E9 A4 BA 59 10 81 E6 48 26 51 F9 42 C8 2E DA DD DD C4 C3 03 34 65 20 FF 5B 37 38 35 C1 CD 1B 7F 82 18 F4 4A D5 15 90 0F 96 7C 7A C3 1C 48 20 E5 A9 F8 90 51 A5 FD 53 88 AB BB DD 0F 7D D0 F9 9C A6 4F 76 6C 09 3A F3 2D B4 C5 12 25	01 00 01
4	<p>Chứng thư số gốc của Tổ chức cung cấp dịch vụ chứng thực chữ ký số chuyên dùng Chính phủ (chứng thư số SHA-256)</p>	RSA 4096 bit	85 F6 4A 7E 3D 61 E9 F4 D4 AF 8D E2 F2 C7 98 87 A1 14 88 4B DD 55 DF 83 E6 4F 22 53 9A 5F A9 3F 42 A1 91 B5 C2 6E 13 B3 32 7A 25 0C A8 93 B7 38 38 0A 4A 45 85 93 FD C2 64 80 8F 35 E0 55 CD F7 BA DD 4E 6F C8 CD 7D A9 53 B0 20 69 EE A3 E6 66 34 72 8C C6 AB C6 14 45 8C 69 B2 32 9D 6D CC 5C 8F AB 8A DF 09 47 05 10 36 62 C6 60 CB 95 09 B1	01 00 01

			12 B9 42 3F 7E 4B 68 E3 AB 9C EE 41 D4 FE 22 BF	
			D8 2C C1 A2 76 E9 F7 36 DF 6E D8 EE 57 CE 0D 1A	
			88 07 2F 27 FE 91 1F 34 0F 97 71 63 CA A1 D7 20	
			F0 5D E3 18 3E 36 5A 5F 77 47 50 D5 39 0B FF 2F	
			B2 92 B4 EF 75 69 66 D0 77 74 8C 27 78 F6 F4 73	
			2F 9F 25 CA A6 2C E9 DA 75 B5 E6 8D CB FC 9D D0	
			C9 47 F4 EF 1D 0C A5 B7 D1 C7 2E F5 80 3D DF 08	
			83 05 9F F8 92 8C 4B 16 7E 5F B5 11 73 EC FD 40	
			CF 67 F9 30 0D E3 64 F4 6E BE 7E 86 BF DE 5D 38	
			15 B8 21 F9 E4 07 EB 8E 9E 8E 5B E2 C2 CC 0B 88	
			30 48 0A B8 C3 C7 DD 0D 6F C3 E1 03 D8 FE 41 E2	
			97 2D 28 8F 42 58 94 4F 1E 63 BF 7F 4B 1C FD 56	
			13 E0 7C 2A 25 D0 AF 58 1E 20 82 39 DA 66 83 EA	
			14 5A 6A 6A FB FC EB 10 4E EE 73 BF 8A 52 94 0D	
			4E 3C 41 FB 47 35 D2 41 12 29 D2 BE 8C EA C9 42	
			55 A6 29 E8 03 CD 9F 3E 7C CF 40 32 4B DE 4B 0D	
			B6 4F D5 49 D2 DF 2C 96 54 1A 94 56 F4 63 A9 29	
			B3 33 03 E3 9B E4 A7 83 DC E4 C6 A8 C8 93 DF 58	
			C1 B8 70 0A 0F 23 40 BC 0B C5 86 B5 EE 03 D5 4C	
			E6 95 F7 53 C8 3F 99 58 EE 05 6F DC 5A 1D 48 72	
			7B 0C 7A 08 07 03 C8 7E 6C 4E 3A 0D D6 46 4D 89	
			EE 9A 59 05 60 F5 18 A1 8C 2C C5 4A DA 67 C8 22	
			25 6D 98 84 7A 9D 9B 14 34 21 A5 EA FA C8 71 21	
			1A DC A6 F0 CB 6A 4F 6D B4 60 9D B9 35 7A 1F 43	
			EE 7E AF E3 5F 6E D9 0C 56 BF 95 50 4E 4E D8 17	