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REPORT OF THE INDEPENDENT ACCOUNTANT

To the management of DigiCert, Inc. ("DigiCert"):

Scope

We have examined DigiCert management's assertion, that for its Certification Authority ("CA") operations at California, Utah and Virginia, in the United States of America, the Netherlands and Switzerland, for its CAs enumerated in Attachment B, DigiCert has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in the applicable versions of its DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services ("CP/CPS") as enumerated in Attachment A

- maintained effective controls to provide reasonable assurance that it provides its services in accordance with its CP/CPS

- maintained effective controls to provide reasonable assurance that:
  - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
  - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
  - subscriber information is properly authenticated; and
  - subordinate CA certificate requests are accurate, authenticated, and approved

- maintained effective controls to provide reasonable assurance that:
  - logical and physical access to CA systems and data is restricted to authorized individuals;
  - the continuity of key and certificate management operations is maintained; and
  - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

throughout the period October 1, 2022 to August 31, 2023, based on the WebTrust Principles and Criteria for Certification Authorities v2.2.2.

DigiCert does not escrow its CA keys, does not provide subscriber key generation services, subscriber key storage and recovery services, integrated circuit card lifecycle management for subscribers, and does not provide certificate suspension services. Accordingly, our examination did not extend to controls that would address those criteria.

BDO USA refers to BDO USA, P.C., a Virginia professional corporation, also doing business in certain jurisdictions with an alternative identifying abbreviation, such as Corp. or P.S.C.

BDO USA, P.C. is the U.S. member of BDO International Limited, a UK company limited by guarantee, and forms part of the international BDO network of independent member firms.

BDO is the brand name for the BDO network and for each of the BDO Member Firms.

Certification Authority's Responsibilities

DigiCert's management is responsible for its assertion, including the fairness of its presentation, and the provision of its described services in accordance with the WebTrust Principles and Criteria for Certification Authorities v2.2.2.

Independent Accountant's Responsibilities

Our responsibility is to express an opinion on DigiCert management's assertion based on our examination. Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether management's assertion is fairly stated, in all material respects. An examination involves performing procedures to obtain evidence about management's assertion. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risks of material misstatement of management's assertion, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion.

We are required to be independent and to meet our other ethical responsibilities in accordance with relevant ethical requirements relating to the engagement.

The relative effectiveness and significance of specific controls at DigiCert and their effect on assessments of control risk for subscribers and relying parties are dependent on their interaction with the controls and other factors present at individual subscriber and relying party locations. Our examination did not extend to controls at individual subscriber and relying party locations and we have not evaluated the effectiveness of such controls.

Inherent Limitations

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls. For example, because of their nature, controls may not prevent, or detect unauthorised access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection to the future of any conclusions based on our findings is subject to the risk that controls may become ineffective.

Independent Accountant's Opinion

In our opinion management's assertion, as referred to above, is fairly stated, in all material respects.

This report does not include any representation as to the quality of DigiCert's services other than its CA operations at California, Utah and Virginia, in the United States of America, the Netherlands and Switzerland, nor the suitability of any of DigiCert's services for any customer's intended purpose.

Other Matters

Without modifying our opinion, we noted the following other matters during our procedures:

Matter Topic		Matter Description
1	Personnel Security	DigiCert disclosed in Mozilla Bug #1865235 that it performed background check re-verifications for three (3) trusted role employees outside of the 5 year requirement.
2	Subscriber Registration	DigiCert disclosed that it issued 42 Verified Mark Certificates without Domain Control Validation being performed using one of the approved methods in the VMCRs.

Use of the WebTrust Seal

DigiCert's use of the WebTrust for Certification Authorities Seal constitutes a symbolic representation of the contents of this report and it is not intended, nor should it be construed, to update this report to provide any additional assurance.

BDO USA

November 21, 2023

ATTACHMENT A - CERTIFICATE POLICY/CERTIFICATION PRACTICE STATEMENT VERSIONS IN-SCOPE

Policy Name	Version	Effective Date
DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services	3.10	May 30, 2023
DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services	3.9	November 17, 2022
DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services	3.8	August 10, 2022

ATTACHMENT B - LIST OF CAs IN SCOPE

Root CAs			
Subject DN	**SHA2 Thumbprint**	**Valid From**	**Valid To**
C=US, ST=Utah, L=Lehi, O=DigiCert, Inc., OU=www.digicert.com, CN=DigiCert Verified Mark Root CA	504386C9EE8932FECC95FADE427F69C3E2534B7310489E300FEE448E33C46B42	9/23/2019	9/23/2049

Subordinate CAs			
Subject DN	**SHA2 Thumbprint**	**Valid From**	**Valid To**
C=US, O=DigiCert, Inc., CN=DigiCert Verified Mark RSA4096 SHA256 2021 CA1	0F2024A1F5AB051C55369D7353E55255BED427E3EBD6D7C59A212D38361B930A	7/1/2021	6/30/2036
C=US, O=DigiCert, Inc., CN=DigiCert Verified Mark Europe RSA4096 SHA256 2023 CA1	80EC7C231BEF5810B27F0EC8B4A46D1A7C45CF1C71C483471A28151BEB65B882	3/8/2023	3/7/2038

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DIGICERT, INC. MANAGEMENT'S ASSERTION

DigiCert, Inc. ("DigiCert") operates the Certification Authority ("CA") services for its CAs enumerated in Attachment B and provides the following CA services:

- Subscriber registration
- Certificate renewal
- Certificate rekey
- Certificate issuance
- Certificate distribution
- Certificate revocation
- Certificate validation
- Subordinate CA certification and cross-certification

The management of DigiCert is responsible for establishing and maintaining effective controls over its CA operations, including its CA business practices disclosure on its repository, CA business practices management, CA environmental controls, CA key lifecycle management controls, subscriber key lifecycle management controls, certificate lifecycle management controls, and subordinate CA certificate lifecycle management controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

There are inherent limitations in any controls, including the possibility of human error, and the circumvention or overriding of controls. Accordingly, even effective controls can only provide reasonable assurance with respect to DigiCert's CA operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

DigiCert management has assessed its disclosures of its certificate practices and controls over its CA services. Based on that assessment, in DigiCert management's opinion, in providing its CA services at California, Utah and Virginia, in the United States of America, the Netherlands and Switzerland, DigiCert has:

- disclosed its business, key lifecycle management, certificate lifecycle management, and CA environmental control practices in the applicable versions of its DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services ("CP/CPS") as enumerated in Attachment A

- maintained effective controls to provide reasonable assurance that it provides its services in accordance with its CP/CPS

- maintained effective controls to provide reasonable assurance that:
    - the integrity of keys and certificates it manages is established and protected throughout their lifecycles;
    - the integrity of subscriber keys and certificates it manages is established and protected throughout their lifecycles;
    - subscriber information is properly authenticated; and
    - subordinate CA certificate requests are accurate, authenticated, and approved

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- maintained effective controls to provide reasonable assurance that:
  - logical and physical access to CA systems and data is restricted to authorized individuals;
  - the continuity of key and certificate management operations is maintained; and
  - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

throughout the period October 1, 2022 to August 31, 2023, based on WebTrust Principles and Criteria for Certification Authorities v2.2.2, including the following:

CA Business Practices Disclosure

- Certificate Practice Statement (CPS)
- Certificate Policy (CP)

CA Business Practices Management

- Certificate Policy Management
- Certification Practice Statement Management

CA Environmental Controls

- Security Management
- Asset Classification and Management
- Personnel Security
- Physical and Environmental Security
- Operations Management
- System Access Management
- System Development, Maintenance, and Change Management
- Disaster Recovery, Backups, and Business Continuity Management
- Monitoring and Compliance
- Audit Logging

CA Lifecycle Management Controls

- CA Key Generation
- CA Key Storage, Backup, and Recovery
- CA Public Key Distribution
- CA Key Usage
- CA Key Archival
- CA Key Destruction
- CA Key Compromise
- CA Cryptographic Hardware Lifecycle Management
- CA Key Transportation
- CA Key Migration

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Subscriber Key Lifecycle Management Controls

- Requirements for Subscriber Key Management

Certificate Lifecycle Management Controls

- Subscriber Registration
- Certificate Renewal
- Certificate Rekey
- Certificate Issuance
- Certificate Distribution
- Certificate Revocation
- Certificate Validation

Subordinate CA Certificate and Cross Certificate Lifecycle Management Controls

- Subordinate CA Certificate and Cross Certificate Lifecycle Management

DigiCert does not escrow its CA keys, does not provide subscriber key generation services, subscriber key storage and recovery services, integrated circuit card lifecycle management for subscribers, and does not provide certificate suspension services. Accordingly, our assertion does not extend to controls that would address those criteria.

DigiCert, Inc.

DocuSigned by:
Jeremy Rowley
CFF89E6506D0438...

11/21/2023

Jeremy Rowley
Chief Information Security Officer

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ATTACHMENT A - CERTIFICATE POLICY/CERTIFICATION PRACTICE STATEMENT VERSIONS IN-SCOPE

Policy Name	Version	Effective Date
DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services	3.10	May 30, 2023
DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services	3.9	November 17, 2022
DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services	3.8	August 10, 2022

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ATTACHMENT B - LIST OF CAs IN SCOPE

Root CAs			
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Subordinate CAs			
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REPORT OF THE INDEPENDENT ACCOUNTANT

To the management of DigiCert, Inc. ("DigiCert"):

Scope

We have examined DigiCert management's assertion, that for its Certification Authority ("CA") operations at California, Utah and Virginia, in the United States of America, the Netherlands and Switzerland, for its CAs enumerated in Attachment B, DigiCert has:

- disclosed its Verified Mark (VM) certificate practices and procedures in the applicable versions of its DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services ("CP/CPS") as enumerated in Attachment A, including its commitment to provide VM certificates in conformity with the applicable Minimum Security Requirements for Issuance of Verified Mark Certificates and provided such services in accordance with its disclosed practices

- maintained effective controls to provide reasonable assurance that:
  - VMC subscriber information was properly collected, authenticated, and verified; and
  - the integrity of CA keys it manages is established and protected throughout their life cycles.

- maintained effective controls to provide reasonable assurance that:
  - logical and physical access to CA systems and data is restricted to authorized individuals;
  - the continuity of key and certificate management operations is maintained; and
  - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

- maintained effective controls to provide reasonable assurance that it meets the Network and Certificate System Security Requirements as set forth by the CA/Browser Forum

throughout the period October 1, 2022 to August 31, 2023, based on the WebTrust Principles and Criteria for Certification Authorities – Verified Mark Certificates v1.0.

Certification Authority's Responsibilities

DigiCert's management is responsible for its assertion, including the fairness of its presentation, and the provision of its described services in accordance with the WebTrust Principles and Criteria for Certification Authorities – Verified Mark Certificates v1.0.

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BDO USA, P.C. is the U.S. member of BDO International Limited, a UK company limited by guarantee, and forms part of the international BDO network of independent member firms.

BDO is the brand name for the BDO network and for each of the BDO Member Firms.

Independent Accountant's Responsibilities

Our responsibility is to express an opinion on ABC-CA management's assertion based on our examination. Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the examination to obtain reasonable assurance about whether management's assertion is fairly stated, in all material respects. An examination involves performing procedures to obtain evidence about management's assertion. The nature, timing, and extent of the procedures selected depend on our judgment, including an assessment of the risks of material misstatement of management's assertion, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion.

We are required to be independent and to meet our other ethical responsibilities in accordance with relevant ethical requirements relating to the engagement.

The relative effectiveness and significance of specific controls at DigiCert and their effect on assessments of control risk for subscribers and relying parties are dependent on their interaction with the controls and other factors present at individual subscriber and relying party locations. Our examination did not extend to controls at individual subscriber and relying party locations and we have not evaluated the effectiveness of such controls.

Inherent Limitations

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention of controls. For example, because of their nature, controls may not prevent, or detect unauthorised access to systems and information, or failure to comply with internal and external policies or requirements. Also, the projection to the future of any conclusions based on our findings is subject to the risk that controls may become ineffective.

Independent Accountant's Opinion

In our opinion management's assertion, as referred to above, is fairly stated, in all material respects.

This report does not include any representation as to the quality of DigiCert's services other than its CA operations at California, Utah and Virginia, in the United States of America, the Netherlands and Switzerland, nor the suitability of any of DigiCert's services for any customer's intended purpose.

Other Matters

Without modifying our opinion, we noted the following other matters during our procedures:

Matter Topic		Matter Description
1	Subscriber Registration	DigiCert disclosed that it issued 42 Verified Mark Certificates without Domain Control Validation being performed using one of the approved methods in the VMCRs.

Use of the WebTrust Seal

DigiCert's use of the WebTrust for Certification Authorities – Verified Mark Certificates Seal constitutes a symbolic representation of the contents of this report and it is not intended, nor should it be construed, to update this report to provide any additional assurance.

BDO USA

November 21, 2023

ATTACHMENT A - CERTIFICATE POLICY/CERTIFICATION PRACTICE STATEMENT VERSIONS IN-SCOPE

Policy Name	Version	Effective Date
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DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services	3.8	August 10, 2022

ATTACHMENT B - LIST OF CAs IN SCOPE

Root CAs			
Subject DN	**SHA2 Thumbprint**	**Valid From**	**Valid To**
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DIGICERT, INC. MANAGEMENT'S ASSERTION

DigiCert, Inc. ("DigiCert") operates the Certification Authority ("CA") services for its CAs enumerated in Attachment B and provides Verified Mark ("VM") Certificate services.

The management of DigiCert is responsible for establishing and maintaining effective controls over its VM Certificate operations, including its VM Certificate business practices disclosure on its repository, VM key lifecycle management controls, and VM certificate lifecycle management controls. These controls contain monitoring mechanisms, and actions are taken to correct deficiencies identified.

There are inherent limitations in any controls, including the possibility of human error, and the circumvention or overriding of controls. Accordingly, even effective controls can only provide reasonable assurance with respect to DigiCert's CA operations. Furthermore, because of changes in conditions, the effectiveness of controls may vary over time.

DigiCert management has assessed its disclosures of its certificate practices and controls over its VM Certificate services. Based on that assessment, in DigiCert management's opinion, in providing its CA services at California, Utah and Virginia, in the United States of America, the Netherlands and Switzerland, throughout the period October 1, 2022 to August 31, 2023, DigiCert has:

- disclosed its Verified Mark (VM) certificate practices and procedures in the applicable versions of its DigiCert Certificate Policy/Certification Practices Statement for Private PKI Services ("CP/CPS") as enumerated in Attachment A, including its commitment to provide VM certificates in conformity with the applicable Minimum Security Requirements for Issuance of Verified Mark Certificates and provided such services in accordance with its disclosed practices

- maintained effective controls to provide reasonable assurance that:
    - VMC subscriber information was properly collected, authenticated, and verified; and
    - the integrity of CA keys it manages is established and protected throughout their life cycles.

- maintained effective controls to provide reasonable assurance that:
    - logical and physical access to CA systems and data is restricted to authorized individuals;
    - the continuity of key and certificate management operations is maintained; and
    - CA systems development, maintenance, and operations are properly authorized and performed to maintain CA systems integrity

- maintained effective controls to provide reasonable assurance that it meets the Network and Certificate System Security Requirements as set forth by the CA/Browser Forum

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throughout the period October 1, 2022 to August 31, 2023, based on the WebTrust Principles and Criteria for Certification Authorities – Verified Mark Certificates v1.0.

DigiCert, Inc.

DocuSigned by:
Jeremy Rowley
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11/21/2023

Jeremy Rowley
Chief Information Security Officer

DocuSign Envelope ID: 13685AE7-0C54-4C8B-BD0A-54EDB6325D75

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