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|----|-------------|---|---|-----|------------|------------------------------------|---|---|---|---|--|--|--|--|-----|
| 6 | INTEROP-8. | ACCOUNTABILITY | Entities MUST be accountable for conformance to the IDESG Baseline | F | CM_SER#010 | Security event logs | | ✓ | ✓ | ✓ | Ensure that such audit records include: | c) generation of the Subject's certificate: | | | F |
| 7 | INTEROP-8. | ACCOUNTABILITY | Entities MUST be accountable for conformance to the IDESG Baseline | F | CM_SER#010 | Security event logs | | ✓ | ✓ | ✓ | Ensure that such audit records include: | d) dissemination of the Subject's certificate: | | | F |
| 8 | INTEROP-8. | ACCOUNTABILITY | Entities MUST be accountable for conformance to the IDESG Baseline | F | CM_SER#010 | Security event logs | | ✓ | ✓ | ✓ | Ensure that such audit records include: | e) any revocation or suspension associated with the Subject's | | | F |
| 9 | INTEROP-8. | ACCOUNTABILITY | Entities MUST be accountable for conformance to the IDESG Baseline | F | ID_VRC#025 | Provide Subject identity records | | ✓ | ✓ | ✓ | If required, provide to qualifying parties records of identity proofing | | | | F |
| 10 | INTEROP-8. | ACCOUNTABILITY | Entities MUST be accountable for conformance to the IDESG Baseline | F | ID_VRC#030 | Record Retention | | ✓ | ✓ | ✓ | Either retain, securely, the record of the verification/revocation process | | | | F |
| 1 | PRIVACY-1. | DATA MINIMIZATION | Entities MUST limit the collection, use, transmission and storage of | P | CO_ESM#030 | Legal & Contractual compliance | | ✓ | ✓ | ✓ | Demonstrate that it understands and complies with any legal | | | | P |
| 1 | PRIVACY-2. | PURPOSE LIMITATION | Entities MUST limit the use of personal information that is | NCR | | | | | | | | | | | NCR |
| 1 | PRIVACY-3. | ATTRIBUTE MINIMIZATION | Entities requesting attributes MUST evaluate the need to collect specific | NCR | | | | | | | | | | | NCR |
| 1 | PRIVACY-4. | CREDENTIAL LIMITATION | Entities MUST NOT request USERS' credentials unless necessary for | NCR | | | | | | | | | | | NCR |
| 1 | PRIVACY-5. | DATA AGGREGATION RISK | Entities MUST assess the privacy risk of aggregating personal | NCR | | | | | | | | | | | NCR |
| 1 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#010 | General Service Definition | X | ✓ | ✓ | ✓ | Make available to the intended user community a Service Definition that | | | | P |
| 2 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | a) Privacy, Identity Proofing & Verification. Renewal/Re-issuance. | | | P |
| 3 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | b) the country in or the legal jurisdiction under which the service | | | P |
| 4 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | c) if different to the above, the legal jurisdiction under which Subscriber | | | P |
| 5 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | d) applicable legislation with which the service complies; | | | P |
| 6 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | e) obligations incumbent upon the CSP; | | | P |
| 7 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | f) obligations incumbent upon each class of user of the service. e.a. | | | P |
| 8 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | g) notifications and guidance for relying parties, especially in respect | | | P |
| 9 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | h) statement of warranties; | | | P |
| 10 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | i) statement of liabilities toward both Subjects and Relying Parties; | | | P |
| 11 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | j) procedures for notification of changes to terms and conditions; | | | P |
| 12 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | k) steps the CSP will take in the event that it chooses or is obliged to | | | P |
| 13 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#020 | Service Definition inclusions | | ✓ | ✓ | ✓ | Make available a Service Definition for the specified service containing | l) availability of the specified service per se and of its help desk facility. | | | P |
| 14 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#030 | Due notification | | ✓ | ✓ | ✓ | Have in place and follow appropriate policy and procedures to ensure | | | | P |
| 15 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#040 | User Acceptance | | ✓ | ✓ | ✓ | Require Subscribers and Subjects to: | a) indicate, prior to receiving service, that they have read and accept the | | | P |
| 16 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#040 | User Acceptance | | ✓ | ✓ | ✓ | Require Subscribers and Subjects to: | b) at periodic intervals, determined by significant service provision | | | P |
| 17 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | CO_NUI#040 | User Acceptance | | ✓ | ✓ | ✓ | Require Subscribers and Subjects to: | c) always provide full and correct responses to requests for | | | P |
| 18 | PRIVACY-6. | USAGE NOTICE | Entities MUST provide concise, meaningful, and timely | P | ID_POL#030 | Published Proofing Policy | | ✓ | ✓ | ✓ | Make available the Identity Proofing Policy under which it verifies the | | | | P |
| 1 | PRIVACY-7. | USER DATA CONTROL | Entities MUST provide appropriate mechanisms to enable USERS to | F | CO_NUI#070 | Change of Subscriber Information | | ✓ | ✓ | ✓ | Require and provide the mechanisms for Subscribers and | | | | F |
| 2 | PRIVACY-7. | USER DATA CONTROL | Entities MUST provide appropriate mechanisms to enable USERS to | F | CM_IDP#010 | Revision to Subscriber information | | ✓ | ✓ | ✓ | Provide a means for Subjects to securely amend their stored | | | | F |
| 1 | PRIVACY-8. | THIRD-PARTY LIMITATIONS | Wherever USERS make choices regarding the treatment of their | F/P | CO_ESC#010 | Contracted policies and procedures | | ✓ | ✓ | ✓ | Where the enterprise uses external suppliers for specific packaged | | | | F/P |
| 1 | PRIVACY-9. | USER NOTICE OF CHANGES | Entities MUST, upon any material changes to a service or process | F/P | CO_NUI#030 | Due notification | | ✓ | ✓ | ✓ | Have in place and follow appropriate policy and procedures to ensure | | | | F/P |
| 1 | PRIVACY-10. | USER OPTION TO DECLINE OPTIONAL INFORMATION | USERS MUST have the opportunity to decline registration: decline | NCR | | | | | | | | | | | NCR |
| 1 | PRIVACY-11. | OPTIONAL INFORMATION | Entities MUST clearly indicate to USERS what personal information | NCR | | | | | | | | | | | NCR |
| 1 | PRIVACY-12. | ANONYMITY | Wherever feasible, entities MUST utilize identity systems and | NE | ID_POL#010 | Unique service identity | | ✓ | ✓ | ✓ | Ensure that a unique identity is attributed to the specific service. | | | | NE |
| 2 | PRIVACY-12. | ANONYMITY | Wherever feasible, entities MUST utilize identity systems and | NE | ID_POL#020 | Unique Subject identity | | ✓ | ✓ | ✓ | Ensure that each applicant's identity is unique within the service's | | | | NE |
| 3 | PRIVACY-12. | ANONYMITY | Wherever feasible, entities MUST utilize identity systems and | NE | CM_CRN#090 | Nature of Subject | | | ✓ | ✓ | Record the nature of the Subject of the credential (which must | | | | NE |
| 4 | PRIVACY-12. | ANONYMITY | Wherever feasible, entities MUST utilize identity systems and | NE | CM_VAS#040 | No pseudonyms | | | ✓ | ✓ | Create assertions which indicate only verified Subscriber names in | | | | NE |

| | | | | | | | | | | | | | | |
|----|-----------|-----------------------------------|---|-----|------------|--|---|---|---|---|--|--|--|-----|
| 17 | SECURE-3. | SECURE-3. CREDENTIAL REPRODUCTION | Entities that issue or manage credentials and tokens MUST | F/P | CM_VAS#060 | No assertion manufacture/modificatio | ✓ | ✓ | ✓ | ✓ | Ensure that it is impractical to manufacture an assertion or | d) Sending the assertion over a protected channel during a mutually- | | F/P |
| 18 | SECURE-3. | SECURE-3. CREDENTIAL REPRODUCTION | Entities that issue or manage credentials and tokens MUST | F/P | CM_VAS#070 | Assertion protections | ✓ | ✓ | ✓ | ✓ | Provide protection of assertion-related data such that: | a) both assertions and assertion references are protected against | | F/P |
| 19 | SECURE-3. | SECURE-3. CREDENTIAL REPRODUCTION | Entities that issue or manage credentials and tokens MUST | F/P | CM_VAS#070 | Assertion protections | ✓ | ✓ | ✓ | ✓ | Provide protection of assertion-related data such that: | b) assertions are also protected against redirection; | | F/P |
| 20 | SECURE-3. | SECURE-3. CREDENTIAL REPRODUCTION | Entities that issue or manage credentials and tokens MUST | F/P | CM_VAS#070 | Assertion protections | ✓ | ✓ | ✓ | ✓ | Provide protection of assertion-related data such that: | c) assertions, assertion references and session cookies used for | | F/P |
| 1 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CO_SCO#010 | Secure remote communications | ✓ | ✓ | ✓ | ✓ | If the specific service components are located remotely from and | a) implementing mutually-authenticated protected sessions: or | | F/P |
| 2 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CO_SCO#010 | Secure remote communications | ✓ | ✓ | ✓ | ✓ | If the specific service components are located remotely from and | b) time-stamped or sequenced messages signed by their source and | | F/P |
| 3 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | a) access to shared secrets shall be subject to discretionary controls | | F/P |
| 4 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | b) stored shared secrets are encrypted such that: | | F/P |
| 5 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | b) stored shared secrets are encrypted such that: | | F/P |
| 6 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | b) stored shared secrets are encrypted such that: | | F/P |
| 7 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | c) any long-term (i.e., not session) shared secrets are revealed only to | | F/P |
| 8 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | a) password guessing, showing that there is sufficient entropy; | | F/P |
| 9 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | b) message replay, showing that it is impractical; | | F/P |
| 10 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | c) eavesdropping, showing that it is impractical; | | F/P |
| 11 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | d) relying party (verifier) impersonation, showing that it is | | F/P |
| 12 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | e) man-in-the-middle attack; | | F/P |
| 13 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | f) session hijacking, showing that it is impractical. | | F/P |
| 14 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#030 | System Threat Risk Assessment & Controls | ✓ | ✓ | ✓ | ✓ | Account for the following system threats and apply appropriate | a) the introduction of malicious code; | | F/P |
| 15 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#030 | System Threat Risk Assessment & Controls | ✓ | ✓ | ✓ | ✓ | Account for the following system threats and apply appropriate | b) compromised authentication arising from insider action; | | F/P |
| 16 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#030 | System Threat Risk Assessment & Controls | ✓ | ✓ | ✓ | ✓ | Account for the following system threats and apply appropriate | c) out-of-band attacks by both users and system operators (e.g., the | | F/P |
| 17 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#030 | System Threat Risk Assessment & Controls | ✓ | ✓ | ✓ | ✓ | Account for the following system threats and apply appropriate | d) spoofing of system elements/applications; | | F/P |
| 18 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#030 | System Threat Risk Assessment & Controls | ✓ | ✓ | ✓ | ✓ | Account for the following system threats and apply appropriate | e) malfeasance on the part of subscribers and subjects; | | F/P |
| 19 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#030 | System Threat Risk Assessment & Controls | ✓ | ✓ | ✓ | ✓ | Account for the following system threats in its risk assessment and | f) intrusions leading to information theft. | | F/P |
| 20 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation, | a) the physical security of the environment; | | F/P |
| 21 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation, | b) access control procedures limiting access to the minimum number of | | F/P |
| 22 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation, | c) public-key publication mechanisms; | | F/P |
| 23 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation, | d) application of controls deemed necessary as a result of the service's | | F/P |
| 24 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation, | e) destruction of expired or compromised private keys in a | | F/P |
| 25 | SECURE-4. | PROTECTION CREDENTIAL | Entities that issue or manage credentials and tokens MUST | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation, | f) applicable cryptographic module security requirements, quoting FIPS | | F/P |
| 1 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CO_SCO#010 | Secure remote communications | ✓ | ✓ | ✓ | ✓ | If the specific service components are located remotely from and | a) implementing mutually-authenticated protected sessions: or | | F |
| 2 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CO_SCO#010 | Secure remote communications | ✓ | ✓ | ✓ | ✓ | If the specific service components are located remotely from and | b) time-stamped or sequenced messages signed by their source and | | F |
| 3 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | a) password guessing, showing that there is sufficient entropy; | | F |
| 4 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | b) message replay, showing that it is impractical; | | F |
| 5 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | c) eavesdropping, showing that it is impractical; | | F |
| 6 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | d) relying party (verifier) impersonation, showing that it is | | F |
| 7 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | e) man-in-the-middle attack; | | F |
| 8 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CM_CTR#020 | Protocol threat risk assessment and controls | ✓ | ✓ | ✓ | ✓ | Account for at least the following protocol threats in its risk | f) session hijacking, showing that it is impractical. | | F |
| 9 | SECURE-5. | CREDENTIAL ISSUANCE | Entities that issue or manage credentials and tokens MUST do so | F | CM_CTR#030 | System Threat Risk Assessment & Controls | ✓ | ✓ | ✓ | ✓ | Account for the following system threats and apply appropriate | a) the introduction of malicious code; | | F |

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|----|-----------|----------------------------|---|-----|------------|--|---|---|---|--|--|----------|-----|
| 2 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation. | b) access control procedures limiting access to the minimum number of | | F/P |
| 3 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation. | c) public-key publication mechanisms: | | F/P |
| 4 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation. | d) application of controls deemed necessary as a result of the service's | | F/P |
| 5 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation. | e) destruction of expired or | | F/P |
| 6 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | CM_CTR#040 | Specified Service's Key Management - | ✓ | ✓ | ✓ | Specify and observe procedures and processes for the generation. | f) applicable cryptographic module security requirements, quoting FIPS | | F/P |
| 7 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | ID_POL#010 | Unique service identity | ✓ | ✓ | ✓ | Ensure that a unique identity is attributed to the specific service. | | | F/P |
| 8 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | ID_POL#020 | Authenticate Original Credential | ✓ | ✓ | ✓ | Ensure that each applicant's identity is unique within the service's | | | F/P |
| 9 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | ID_IDC#010 | Authenticate Original Credential | ✓ | ✓ | ✓ | Prior to issuing any derived credential the original credential on | a) authenticated by a source trusted by the CSP as being valid and un- | | F/P |
| 10 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | ID_IDC#010 | Authenticate Original Credential | ✓ | ✓ | ✓ | Prior to issuing any derived credential the original credential on | c) issued in the same name as that which the Applicant is claiming: | | F/P |
| 11 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | ID_IDC#010 | Authenticate Original Credential | ✓ | ✓ | ✓ | Prior to issuing any derived credential the original credential on | b) issued at Assurance Level 4; | | F/P |
| 12 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | ID_IDC#010 | Authenticate Original Credential | ✓ | ✓ | ✓ | Prior to issuing any derived credential the original credential on | d) proven to be in the possession and under the control of the | | F/P |
| 13 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | ID_IDC#020 | Record Original Credential | ✓ | ✓ | ✓ | Record the details of the original credential, the biometric sample | | | F/P |
| 14 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | ID_IDC#030 | Issue Derived Credential | ✓ | ✓ | ✓ | Only issue the derived credential in-person after performing biometric | | | F/P |
| 15 | SECURE-6. | CREDENTIAL UNIQUENESS | Entities that issue or manage credentials MUST ensure that each | F/P | CM_CRN#030 | Credential uniqueness | ✓ | ✓ | ✓ | Allow the Subject to select a credential (e.g., UserID) that is | | | F/P |
| 1 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | a) access to shared secrets shall be subject to discretionary controls | | F/P |
| 2 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | b) stored shared secrets are encrypted such that: | | F/P |
| 3 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | encrypted such that: | | F/P |
| 4 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | encrypted such that: | | F/P |
| 5 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CO_SCO#020 | Limited access to shared secrets | ✓ | ✓ | ✓ | Ensure that: These roles should be defined and documented by the CSP | any long-term (i.e., not session) shared secrets are revealed only | | F/P |
| 6 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CM_CRD#010 | Notify Subject of Credential Issuance | ✓ | ✓ | ✓ | Notify the Subject of the credential's issuance and, if necessary, confirm | a) sending notice to the address of record confirmed during identity | | F/P |
| 7 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CM_CRD#010 | Notify Subject of Credential Issuance | ✓ | ✓ | ✓ | Notify the Subject of the credential's issuance and, if necessary, confirm | b) unless the Subject presented with a private key, issuing the hardware | | F/P |
| 8 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CM_CRD#010 | Notify Subject of Credential Issuance | ✓ | ✓ | ✓ | Notify the Subject of the credential's issuance and, if necessary, confirm | c) issuing the certificate to the Subject over a separate channel in a | | F/P |
| 9 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CM_CRD#015 | Confirm Applicant's identity (in person) | ✓ | ✓ | ✓ | Prior to delivering the credential, require the Applicant to identify | | | F/P |
| 10 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CM_CRD#020 | Subject's acknowledgement | ✓ | ✓ | ✓ | Receive acknowledgement of receipt of the hardware token before | | | F/P |
| 11 | SECURE-7. | TOKEN CONTROL | Entities that authenticate a USER MUST employ industrv-accepted | F/P | CM_ASS#018 | Ensure token validity | ✓ | ✓ | ✓ | Ensure that tokens are either still valid or have been issued within the | | | F/P |
| 1 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#010 | Required evidence | ✓ | ✓ | ✓ | Ensure that the applicant is in possession of: | a) a primary Government Picture ID document that bears a photoarabic | nu | NE |
| 2 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#010 | Required evidence | ✓ | ✓ | ✓ | Ensure that the applicant is in possession of: | a) a primary Government Picture ID document that bears a photoarabic | util | NE |
| 3 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#030 | Evidence checks – primary ID | ✓ | ✓ | ✓ | Ensure that the presented document: | a) appears to be a genuine document properly issued by the claimed | ity | NE |
| 4 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#030 | Evidence checks – primary ID | ✓ | ✓ | ✓ | Ensure that the presented document: | b) bears a photographic image of the holder which matches that of the | | NE |
| 5 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#030 | Evidence checks – primary ID | ✓ | ✓ | ✓ | Ensure that the presented document: | c) is electronically verified by a record check with the specified | with | NE |
| 6 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#030 | Evidence checks – primary ID | ✓ | ✓ | ✓ | Ensure that the presented document: | c) is electronically verified by a record check with the specified | both | NE |
| 7 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#030 | Evidence checks – primary ID | ✓ | ✓ | ✓ | Ensure that the presented document: | d) provides all reasonable certainty, at AL4, that the identity exists and | | NE |
| 8 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#040 | Evidence checks – secondary ID | ✓ | ✓ | ✓ | Ensure that the presented document meets the following conditions: | a) If it is secondary Government Picture ID: | the clai | NE |
| 9 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#040 | Evidence checks – secondary ID | ✓ | ✓ | ✓ | Ensure that the presented document meets the following conditions: | a) If it is secondary Government Picture ID: | the hol | NE |
| 10 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#040 | Evidence checks – secondary ID | ✓ | ✓ | ✓ | Ensure that the presented document meets the following conditions: | a) If it is secondary Government Picture ID: | the ap | NE |
| 11 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#040 | Evidence checks – secondary ID | ✓ | ✓ | ✓ | Ensure that the presented document meets the following conditions: | b) If it is a financial institution account number, is verified by a | with | NE |
| 12 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#040 | Evidence checks – secondary ID | ✓ | ✓ | ✓ | Ensure that the presented document meets the following conditions: | b) If it is a financial institution account number, is verified by a | oth | NE |
| 13 | SECURE-8. | AUTHENTICATION MULTIFACTOR | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#040 | Evidence checks – secondary ID | ✓ | ✓ | ✓ | Ensure that the presented document meets the following conditions: | c) If it is two utility bills or equivalent documents: | nt pro | NE |

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|----|------------|--------------------------------|---|-----|------------|--|---|---|--|-----|----|
| 14 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#040 | Evidence checks – secondarv ID | ✓ | Ensure that the presented document meets the following conditions: | c) If it is two utility bills or equivalent documents: | ho | NE |
| 15 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | ID_IPV#050 | Applicant knowledge checks | ✓ | Where the applicant is unable to satisfy anv of the above | | NE | |
| 16 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | ID_AFV#010 | Required evidence | ✓ | Ensure that the applicant possesses: | a) identification from the organization with which it is claiming affiliation: | NE | |
| 17 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | ID_AFV#010 | Required evidence | ✓ | Ensure that the applicant possesses: | b) agreement from the organization that the applicant may be issued a | NE | |
| 18 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | ID_AFV#020 | Evidence checks | ✓ | Have in place and apply processes which ensure that the presented | a) each appear to be a genuine document properly issued by the | NE | |
| 19 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | ID_AFV#020 | Evidence checks | ✓ | Have in place and apply processes which ensure that the presented | b) refer to an existing organization with a contact address: | NE | |
| 20 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | ID_AFV#020 | Evidence checks | ✓ | Have in place and apply processes which ensure that the presented | c) indicate that the applicant has some form of recognizable affiliation | NE | |
| 21 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | ID_AFV#020 | Evidence checks | ✓ | Have in place and apply processes which ensure that the presented | d) appear to grant the applicant an entitlement to obtain a credential | NE | |
| 22 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | CM_ASS#030 | Proof of Possession | ✓ | Use an authentication protocol that requires the claimant to prove | | NE | |
| 23 | SECURE-8. | MULTIFACTOR AUTHENTICATION | Entities that authenticate a USER MUST offer authentication | NE | CM_AGC#010 | Entropy level | ✓ | Create authentication secrets to be used during the authentication | | NE | |
| 1 | SECURE-9. | AUTHENTICATION RISK ASSESSMENT | Entities MUST have a risk assessment process in place for the | F/P | CO_ISM#030 | Risk Management | ✓ | Demonstrate a risk management methodology that adequately | | F/P | |
| 1 | SECURE-10. | UPTIME | Entities that provide and conduct digital identity maanagement | F/P | CO_ISM#040 | Continuity of Operations Plan | ✓ | Have and keep updated a continuity of operations plan that covers | | F/P | |
| 1 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CO_SCO#010 | Secure remote communications | ✓ | If the specific service components are located remotelv from and | a) implementing mutually-authenticated protected sessions: or | F/P | |
| 2 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CO_SCO#010 | Secure remote communications | ✓ | If the specific service components are located remotelv from and | b) time-stamped or sequenced messages sioned by their source and | F/P | |
| 3 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_CTR#040 | Specified Service's Key Maanagement - | ✓ | Specify and observe procedures and processes for the generation. | a) the physical security of the environment: | F/P | |
| 4 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_CTR#040 | Specified Service's Key Maanagement - | ✓ | Specify and observe procedures and processes for the generation. | b) access control procedures limiting access to the minimum number of | F/P | |
| 5 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_CTR#040 | Specified Service's Key Maanagement - | ✓ | Specify and observe procedures and processes for the generation. | c) public-key publication mechanisms: | F/P | |
| 6 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_CTR#040 | Specified Service's Key Maanagement - | ✓ | Specify and observe procedures and processes for the generation. | d) application of controls deemed necessary as a result of the service's | F/P | |
| 7 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_CTR#040 | Specified Service's Key Maanagement - | ✓ | Specify and observe procedures and processes for the generation. | e) destruction of expired or comoromised private keys in a | F/P | |
| 8 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_CTR#040 | Specified Service's Key Maanagement - | ✓ | Specify and observe procedures and processes for the generation. | f) applicable cryptographic module security requirements, quoting FIPS | F/P | |
| 9 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_STS#020 | Stored Secret Encryption | ✓ | Encrypt such shared secret files so that: | a) the encryption key for the shared secret file is encrvoted under | F/P | |
| 10 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_STS#020 | Stored Secret Encryption | ✓ | Encrypt such shared secret files so that: | b) the shared secret file is decrvoted only as immediatelv | F/P | |
| 11 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_STS#020 | Stored Secret Encryption | ✓ | Encrypt such shared secret files so that: | c) shared secrets are protected as a key within the boundary of a | F/P | |
| 12 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_STS#020 | Stored Secret Encryption | ✓ | Encrypt such shared secret files so that: | d) shared secrets are split by an "n from m" cryptographic secret | F/P | |
| 13 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_SKP#010 | Key generation by Soecified Service | ✓ | If the specified service generates the Subject's keys: | a) use a FIPS AL140-2 (FIPSAL140-2) compliant algorithm. | F/P | |
| 14 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_SKP#010 | Key generation by Soecified Service | ✓ | If the specified service generates the Subject's keys: | b) only create keys of a key length and for use with a | F/P | |
| 15 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_SKP#010 | Key generation by Soecified Service | ✓ | If the specified service generates the Subject's keys: | c) generate and store the keys securelv until delivery to and | F/P | |
| 16 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_SKP#010 | Key generation by Soecified Service | ✓ | If the specified service generates the Subject's keys: | d) deliver the Subject's private key in a manner that ensures that the | F/P | |
| 17 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_SKP#020 | Key generation by Subject | ✓ | If the Subject generates and presents its own keys, obtain the | a) used a FIPS AL140-2 (FIPSAL140-2) compliant algorithm. | F/P | |
| 18 | SECURE-11. | KEY MANAGEMENT | Entities that use cryptographic solutions as part of identiv | F/P | CM_SKP#020 | Key generation by Subject | ✓ | If the Subject generates and presents its own keys, obtain the | b) created keys of a key length and for use with a FIPS AL140-2 | F/P | |
| 1 | SECURE-12. | REISSUANCE RECOVERY AND | Entities that issue credentials and tokens MUST implement methods | F | ID_IDC#010 | Authenticate Original Credential | ✓ | Prior to issuing any derived credential the original credential on | a) authenticated by a source trusted by the CSP as being valid and un- | F | |
| 2 | SECURE-12. | REISSUANCE RECOVERY AND | Entities that issue credentials and tokens MUST imolement methods | F | ID_IDC#010 | Authenticate Original Credential | ✓ | Prior to issuing any derived credential the original credential on | c) issued in the same name as that which the Applicant is claiming: | F | |
| 3 | SECURE-12. | REISSUANCE RECOVERY AND | Entities that issue credentials and tokens MUST imolement methods | F | ID_IDC#010 | Authenticate Original Credential | ✓ | Prior to issuing any derived credential the original credential on | b) issued at Assurance Level 4; | F | |
| 4 | SECURE-12. | REISSUANCE RECOVERY AND | Entities that issue credentials and tokens MUST imolement methods | F | ID_IDC#010 | Authenticate Original Credential | ✓ | Prior to issuing any derived credential the original credential on | d) proven to be in the possession and under the control of the | F | |
| 5 | SECURE-12. | REISSUANCE RECOVERY AND | Entities that issue credentials and tokens MUST imolement methods | F | CM_RNR#010 | Changeable PIN/Password | ✓ | Permit Subjects to change the passwords used to activate their | | F | |
| 6 | SECURE-12. | REISSUANCE RECOVERY AND | Entities that issue credentials and tokens MUST implement methods | F | CM_RNR#020 | Proof-of-possession on Renewal/Re-issuance | ✓ | Subjects wishing to change their passwords must demonstrate that | | F | |
| 7 | SECURE-12. | REISSUANCE RECOVERY AND | Entities that issue credentials and tokens MUST implement methods | F | CM_RNR#030 | Renewal/Re-issuance limitations | ✓ | d) cryptographically authenticate all sensitive renewal / re-issuance | | F | |
| 8 | SECURE-12. | REISSUANCE RECOVERY AND | Entities that issue credentials and tokens MUST implemet methods | F | CM_RNR#040 | Authentication key life | ✓ | Expire after 24 hours all temporary or short-term kevs derived during | | F | |

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| 9 | SECURE-12. | RECOVERY AND REISSUANCE | Entities that issue credentials and tokens MUST implement methods | F | CM_RNR#050 | Record Retention | ✓ | ✓ | ✓ | Retain, securely, the record of any renewal/re-issuance process for the Subject's own credential. | | | F |
| 10 | SECURE-12. | RECOVERY AND REISSUANCE | Entities that issue credentials and tokens MUST implement methods | F | CM_RKY#010 | Verify Requestor as Subscriber | | | ✓ | Where the Subject seeks a re-key for a) if in-person, require presentation of a primary Government Picture ID of a primary Government Picture ID | | | F |
| 11 | SECURE-12. | RECOVERY AND REISSUANCE | Entities that issue credentials and tokens MUST implement methods | F | CM_RKY#010 | Verify Requestor as Subscriber | | | ✓ | Where the Subject seeks a re-key for b) if remote: the Subject's own credential: | | | F |
| 12 | SECURE-12. | RECOVERY AND REISSUANCE | Entities that issue credentials and tokens MUST implement methods | F | CM_RKY#010 | Verify Requestor as Subscriber | | | ✓ | Where the Subject seeks a re-key for b) if remote: the Subject's own credential: | | | F |
| 13 | SECURE-12. | RECOVERY AND REISSUANCE | Entities that issue credentials and tokens MUST implement methods | F | CM_RKY#020 | Re-key requests other than Subject | | | ✓ | Re-key requests from any parties other than the Subject must not be submitted to the Credential Issuer service | | | F |
| 14 | SECURE-12. | RECOVERY AND REISSUANCE | Entities that issue credentials and tokens MUST implement methods | F | CM_SRR#010 | Submit Request | ✓ | ✓ | ✓ | Submit a request for the revocation to the Credential Issuer service | | | F |
| 1 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#010 | Revocation procedures | | | ✓ | a) State the conditions under which revocation of an issued credential may be requested | | | F |
| 2 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#010 | Revocation procedures | | | ✓ | b) State the processes by which a revocation request may be processed | | | F |
| 3 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#010 | Revocation procedures | | | ✓ | c) State the persons and organizations from which a revocation request may be processed | | | F |
| 4 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#010 | Revocation procedures | | | ✓ | d) State the validation steps that will be applied to ensure the validity of a revocation request | | | F |
| 5 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#010 | Revocation procedures | | | ✓ | e) State the response time between a revocation request being received and the revocation being processed | | | F |
| 6 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#020 | Secure status notification | | | ✓ | Ensure that published credential status notification information can be processed | | | F |
| 7 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#030 | Revocation publication | | | ✓ | Ensure that published credential status notification is revised within a specified time frame | | | F |
| 8 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#040 | Verify Revocation Identity | ✓ | ✓ | ✓ | Establish that the identity for which a revocation request is received is the identity of the Subscriber | | | F |
| 9 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#050 | Revocation Records | ✓ | ✓ | ✓ | Retain a record of any revocation of a credential that is related to a revocation request | a) the Revocant's full name; | | F |
| 10 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#050 | Revocation Records | ✓ | ✓ | ✓ | Retain a record of any revocation of a credential that is related to a revocation request | b) the Revocant's authority to revoke (e.g., Subscriber or the Subject) | | F |
| 11 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#050 | Revocation Records | ✓ | ✓ | ✓ | Retain a record of any revocation of a credential that is related to a revocation request | c) the Credential Issuer's identity (if not directly responsible for the revocation) | | F |
| 12 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#050 | Revocation Records | ✓ | ✓ | ✓ | Retain a record of any revocation of a credential that is related to a revocation request | e) the reason for revocation. | | F |
| 13 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#060 | Record Retention | ✓ | ✓ | ✓ | Retain, securely, the record of the revocation process for a period of time | a) the records retention policy required by applicable legislation, regulation, contract or standards: | | F |
| 14 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVP#060 | Record Retention | ✓ | ✓ | ✓ | Retain, securely, the record of the revocation process for a period of time | b) applicable legislation, regulation, contract or standards: | | F |
| 15 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#010 | Verify revocation identity | | | ✓ | Establish that the credential for which a revocation request is received is the identity of the Subscriber | | | F |
| 16 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#020 | Revocation reason | ✓ | ✓ | ✓ | Establish the reason for the revocation request as being sound | | | F |
| 17 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#030 | Verify Subscriber as Revocant | ✓ | ✓ | ✓ | When the Subscriber or Subject seeks revocation of the Subject's credential, establish that the Subscriber or Subject is the Subscriber or Subject | a) if in-person, require presentation of a primary Government Picture ID | | F |
| 18 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#030 | Verify Subscriber as Revocant | ✓ | ✓ | ✓ | When the Subscriber or Subject seeks revocation of the Subject's credential, establish that the Subscriber or Subject is the Subscriber or Subject | b) if remote: | | F |
| 19 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#030 | Verify Subscriber as Revocant | | | ✓ | When the Subscriber or Subject seeks revocation of the Subject's credential, establish that the Subscriber or Subject is the Subscriber or Subject | b) if remote: | | F |
| 20 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#040 | Verify CSP as Revocant | ✓ | ✓ | ✓ | Where a CSP seeks revocation of a Subject's credential, establish that the CSP is the CSP | a) from the specified service itself, with authorization as determined by the client Credential Issuer, | | F |
| 21 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#040 | Verify CSP as Revocant | ✓ | ✓ | ✓ | Where a CSP seeks revocation of a Subject's credential, establish that the CSP is the CSP | b) from the client Credential Issuer, by authentication of a formalized request | | F |
| 22 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#050 | Verify Legal Representative as Submit Request | ✓ | ✓ | ✓ | Where the request for revocation is made by a law enforcement officer | a) if in person, verify the identity of the person presenting the request. | | F |
| 23 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#050 | Verify Legal Representative as Submit Request | ✓ | ✓ | ✓ | Where the request for revocation is made by a law enforcement officer | b) if remote: | | F |
| 24 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_RVR#050 | Verify Legal Representative as Submit Request | | | ✓ | Where the request for revocation is made by a law enforcement officer | b) if remote: | | F |
| 25 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_SRR#010 | Submit Request | ✓ | ✓ | ✓ | Submit a request for the revocation to the Credential Issuer service | | | F |
| 26 | SECURE-13. | REVOCAION | Entities that issue credentials or tokens MUST have processes and | F | CM_ASS#020 | Post Authentication | ✓ | ✓ | ✓ | Not authenticate credentials that have been revoked unless the time specified in the revocation request has elapsed | | | F |
| 1 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | CO_NUI#050 | Record of User Acceptance | ✓ | ✓ | ✓ | Obtain a record (hard-copy or electronic) of the Subscriber's and | | | F |
| 2 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | CO_SER#010 | Security Event Logging | | | ✓ | Maintain a log of all relevant security events concerning the operation of the system | | | F |
| 3 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | CM_SER#010 | Security event logs | | | ✓ | Ensure that such audit records include: | a) the identity of the point of registration (irrespective of whether the Subject's keys or evidence that the Subject was in possession of the Subject's certificate); | | F |
| 4 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | CM_SER#010 | Security event logs | | | ✓ | Ensure that such audit records include: | b) generation of the Subject's keys or evidence that the Subject was in possession of the Subject's certificate; | | F |
| 5 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | CM_SER#010 | Security event logs | | | ✓ | Ensure that such audit records include: | c) generation of the Subject's certificate; | | F |
| 6 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | CM_SER#010 | Security event logs | | | ✓ | Ensure that such audit records include: | d) dissemination of the Subject's certificate; | | F |

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| 7 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | CM_SER#010 | Security event logs | | ✓ | ✓ | Ensure that such audit records include: | e) any revocation or suspension associated with the Subject's | | | F |
| 8 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | ID_VRC#020 | Verification Records for Affiliated Applicants Record Retention | | ✓ | ✓ | In addition to the foregoing, log, taking account of all applicable | | | | F |
| 9 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | ID_VRC#030 | Record Retention | | ✓ | ✓ | Either retain, securely, the record of the verification/revocation process | | | | F |
| 10 | SECURE-14. | SECURITY LOGS | Entities conducting digital identity management functions MUST log | F | CM_CSM#010 | Maintain Status Record | ✓ | ✓ | ✓ | Maintain a record of the status of all credentials issued. | | | | F |
| 1 | SECURE-15. | SECURITY AUDITS | Entities MUST conduct regular audits of their compliance with their | F | CO_ISM#060 | Quality Management | | ✓ | ✓ | Demonstrate that there is in place a quality management system that is | | | | F |
| 2 | SECURE-15. | SECURITY AUDITS | Entities MUST conduct regular audits of their compliance with their | F | CO_ISM#080 | Internal Service Audit | | | ✓ | Be audited at least once every 12 months for effective provision of the | | | | F |
| 1 | USABLE-1. | USABILITY PRACTICES | Entities conducting digital identity management functions MUST apply | NCR | | | | | | | | | | NCR |
| 1 | USABLE-2. | USABILITY ASSESSMENT | Entities MUST assess the usability of the communications, interfaces, | NCR | | | | | | | | | | NCR |
| 1 | USABLE-3. | PLAIN LANGUAGE | Information presented to USERS in digital identity management | F/P | CO_NUI#010 | General Service Definition | X | ✓ | ✓ | Make available to the intended user community a Service Definition that | | | | F/P |
| 2 | USABLE-3. | PLAIN LANGUAGE | Information presented to USERS in digital identity management | F/P | CO_NUI#030 | Due notification | | ✓ | ✓ | Have in place and follow appropriate policy and procedures to ensure that it | | | | F/P |
| 1 | USABLE-4. | NAVIGATION | All choices, pathways, interfaces, and offerings provided to USERS in | NCR | | | | | | | | | | NCR |
| 1 | USABLE-5. | ACCESSIBILITY | All digital identity management functions MUST make reasonable | P | CO_ESM#030 | Legal & Contractual compliance | | ✓ | ✓ | Demonstrate that it understands and complies with any legal | | | | P |
| 1 | USABLE-6. | USABILITY FEEDBACK | All communications, interfaces, policies, data transactions, and | NCR | | | | | | | | | | NCR |
| 1 | USABLE-7. | USER REQUESTS | Wherever public open STANDARDS or legal requirements exist for | P | CO_ESM#030 | Legal & Contractual compliance | | ✓ | ✓ | Demonstrate that it understands and complies with any legal | | | | P |

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establishing loss of transactions
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similar requirements may be
equivalent where accessibility is

similar requirements may be
equivalent where "user requests"