## CA's Self-Assessment of CP/CPS documents to CA/Browser Forum Baseline Requirements (BRs)

## Introduction:

1) Network Solutions Certificate Authority

2) Audit will evaluate and cover the following root certificates, of which all passed the 2016-2017 audit.

**Network Solutions Certificate Authority** 

(SHA-2) Network Solutions ECC Certificate Authority

(SHA-2) Network Solutions ECC EV Server CA

(SHA-2) Network Solutions RSA Certificate Authority

(SHA-2) Network Solutions RSA EV Server CA

Network Solutions Certificate Authority

Network Solutions DV Server CA 2

Network Solutions EV Server CA 2

Network Solutions OV Server CA 2

3) Used Baseline Requirements v. 1.5.6

4) CPS Statements were updated and evaluated by legal team at Network Solutions and Web.com.

https://legal.web.com/Document/Get/CertificationPracticeStatement?language=Englishub and the properties of the propert

https://legal.web.com/Document/Get/CPSforEVCertification?language=English

5) Network Solutions will notate below anything that we are working to update this year.

Version 2.8

(SHA-2)

Version 1.6

| BR Section Number   | List the specific documents and section numbers of those documents which meet the requirements of each BR section | Explain how the CA's listed documents meet the requirements of each BR section.  |
|---|---|--|
| 1.2.1. Revisions  Note the Effective Date for each item in the table. Certificates created after each Effective Date are expected to be in compliance with the item. Make sure your CA is in compliance with each of these items. After careful consideration, indicate if your CA is fully compliant with all items in the table, or clearly indicate action that your CA is taking to improve compliance.                   | Network Solutions Certification Practice Statement  | Network Solutions has reviewed each item in section 1.2.1 and do acknowledge this CA is in compliance with all the forum ballot items. We completed 1.4.4 in February 2018. We have plans to integrate CNAME validation method in preparation for new root certs to be included in Q4 of 2018. We do not use the not permitted validation methods as stated in ballot 218. |
| 1.2.2. Relevant Dates  Note the Compliance date for each item in the table. Those are the dates by which your CP/CPS and practices are expected to be updated to comply with the item. Make sure your CA is in compliance with each of these items. After careful consideration, indicate if your CA is fully compliant with all items in the table, or clearly indicate action that your CA is taking to improve compliance. |   | Network Solutions intends to include the most current link to the official version 1.5.6 in the upcoming quarterly revision, on or before June 30, to the CPS statement, adding the suggested clause as mentioned in section 2.2 Publication of Information.   |
| 1.3.2. Registration Authorities Indicate whether your CA allows for Delegated Third Parties, or not. Indicate which sections of your CP/CPS specify such requirements, and how the CP/CPS meets the BR requirements for RAs.  | Network Solutions does delegate tasks to third parties. CPS section 1.11  | We do allow for deligated third parties, specifically, Comodo, to represent and assist our CA to validate organizational subject details in OV and EV to maintain and fullfill best business practices and validation standards.   |
| 2.1. Repositories  Provide the direct URLs to the CA's repositories   | https://legal.web.com/TermsAndConditions/SslRepository  | SSL Legal Repository is available from Network Solutions 'legal' link in website footer.   |

| 2.2. Publication of information "The CA SHALL publicly give effect to these Requirements and represent that it will adhere to the latest published version."> Copy the specific text that is used into the explanation in this row. (in English)   | Network Solutions Certification Practice Statement section 3.12   | Network Solutions conforms to the current version of the Baseline Requirements for the Issuance and Management of Publicly-Trusted Certificates published by the Certificate Authority/Browser Forum at http://www.cabforum.org. In the event of any inconsistency between this CPS and the Baseline Requirements, the Baseline Requirements take precedence over this document. CPS Statements were updated and evaluated by legal team at Network Solutions and Web.com on March 31, 2018. As stated in section 1.2.2, Network Solutions intends to include the most current link to the official BR version 1.5.6 in the upcoming quarterly revision, on or before June 30, to the CPS statement, adding the suggested clause as mentioned in section 2.2 Publication of Information. |
|--|---|--|
| 2.2. Publication of information "The CA SHALL host test Web pages that allow Application Software Suppliers to test their software with Subscriber Certificates that chain up to each publicly trusted Root Certificate. At a minimum, the CA SHALL host separate Web pages using Subscriber Certificates that are (i) valid, (ii) revoked, and (iii) expired."> List the URLs to the three test websites (valid, revoked, expired) for each root certificate under consideration. If you are requesting EV treatment, then the TLS cert for each test website must be EV. |   | CN=Network Solutions https://www.networksolutions.com/ https://www.current-expired-ns-cert.com/ https://www.current-revoked-ns-cert.com/  CN= Network Solutions Certificate Authority https://www.networksolutions.com/ https://www.current-expired-ns-cert.com https://www.current-revoked-ns-cert.com  CN= Network Solutions ECC Certificate Authority https://netsolencryption.com https://ecc-expired-ns-cert.com/ https://ecc-revoked-ns-cert.com/  CN= Network Solutions RSA Certificate Authority https://www.rsa-valid-ns-cert.com/ https://www.rsa-expired-ns-cert.com/ https://www.rsa-expired-ns-cert.com/ https://www.rsa-expired-ns-cert.com/   |
| 2.3. Time or frequency of publication Indicate your CA's policies/practices to ensure that the BRs are reviewed regularly, and that the CA's CP/CPS is updated annually.   |   | We review the CPS statements on a quarterly basis and update the document as necessary and required based on CAB guidelines and ballot issues. The latest update was completed on March 31, 2018.  |
| 2.4. Access controls on repositories Acknowledge that all Audit, CP, CPS documents required by Mozilla's CA Certificate Policy and the BRs will continue to be made publicly available.  | SSL Repository contains: Certification Practice Statement CPSforEVCertifiation Extended Validation (EV) Certificate Subscriber Agreement Relying Party Agreement Party Agreement Relying Party Guarantee SSL Certificate and Assured Site Seal Subscriber Agreement | All CPS and SSL Repositories will continue to remain publicly available at this location: https://legal.web.com/   |

|   | We disclose this information on CPS section 2.12.4. Also, subject identification is listed in  | Yes, we are in compliance and make the Subject     |
|---|--|--|
| 3.2.2.1 Identity  | •  | Identity information publically available in both  |
| If the Subject Identity Information in certificates is to include the           | cooresponding tab attached to this file.   | CPS statements.                                    |
| name or address of an organization, <i>indicate how your</i>                    |  | CF3 statements.                                    |
|   |  |  |
| CP/CPS meets the requirements in this section of the BRs. 3.2.2.2 DBA/Tradename | We disclose this information on ODO and in 0.40.4. Also subject identification in listed in  |  |
|   | We disclose this information on CPS section 2.12.4. Also, subject identification is listed in  |  |
| If the Subject Identity Information in certificates is to include a             | cooresponding tab attached to this file.   |  |
| DBA or tradename, indicate how your CP/CPS meets the                            |  |  |
| requirements in this section of the BRs.  |  |  |
|   | We disclose this information on CPS section 2.12.4. Also, subject identification is listed in  | We only insert the subject:countryName field for   |
| 3.2.2.3 Verification of Country   | cooresponding tab attached to this file.   | OV and EV SSL certificates, and do not insert it   |
| If the subject:countryName field is present in certificates,                    |  | for DV certificates, so the countryName always     |
| indicate how your CP/CPS meets the requirements in this                         |  | relates to the subject identity as verified in our |
| section of the BRs.   |  | CPS section 2.12.4                                 |
| 2.0.0.4.\/-lidetics_efDesseis_Authorizetics_en_0.cetsel                         | CPS Section 4.2.1 Secure Server Certificate Application Validation Process   |  |
| 3.2.2.4 Validation of Domain Authorization or Control                           |  |  |
| Indicate which of the methods of domain validation your CA                      |  |  |
| uses, and where this is described in your CP/CPS. The CA's                      |  |  |
| CP/CPS must clearly describe the acceptable methods of                          |  |  |
| domain validation. It is *not* sufficient for the CP/CPS to                     |  |  |
| merely reference the BRs. Enough information must be                            |  |  |
| directly provided in the CP/CPS for the reader to be able to                    |  |  |
| understand how the CA performs domain validation.                               |  |  |
| 3.2.2.4.1 Validating the Applicant as a Domain Contact                          |  | We do not use this validating method.              |
| If your CA uses this method of domain validation, indicate                      |  |  |
| where in the CP/CPS it is described, and how your CA meets                      |  |  |
| the requirements in this section of the BRs.                                    |  |  |
|   | CPS Section 4.2.1 Secure Server Certificate Application Validation Process   |  |
| 3.2.2.4.2 Email, Fax, SMS, or Postal Mail to Domain Contact                     |  |  |
| If your CA uses this method of domain validation, indicate                      |  |  |
| where in the CP/CPS it is described, and how your CA meets                      |  |  |
| the requirements in this section of the BRs.                                    |  |  |
| 3.2.2.4.3 Phone Contact with Domain Contact                                     |  | We do not use this validating method.              |
| If your CA uses this method of domain validation, <i>indicate</i>               |  | Ĭ  |
| where in the CP/CPS it is described, and how your CA meets                      |  |  |
| the requirements in this section of the BRs.                                    |  |  |
| 3.2.2.4.4 Constructed Email to Domain Contact                                   | CPS Section 4.2.1 Secure Server Certificate Application Validation Process   |  |
| If your CA uses this method of domain validation, <i>indicate</i>               |  |  |
| where in the CP/CPS it is described, and how your CA meets                      |  |  |
| the requirements in this section of the BRs.                                    |  |  |
| 3.2.2.4.5 Domain Authorization Document   | CPS Section 4.2.1 Secure Server Certificate Application Validation Process   | This method is rarely utilized and is under        |
| If your CA uses this method of domain validation, <i>indicate</i>               | Ден с с с с с с с с с с с с с с с с с с с  | consideration for removal on our upcoming CPS      |
| where in the CP/CPS it is described, and how your CA meets                      |  | revision at the end of Q2.                         |
| the requirements in this section of the BRs.                                    |  | TOTAL CITY OF GE                                   |
| 3.2.2.4.6 Agreed-Upon Change to Website   | CPS Section 4.2.1 Secure Server Certificate Application Validation Process   |  |
| If your CA uses this method of domain validation, <i>indicate</i>               | The state of the s |  |
| where in the CP/CPS it is described, and how your CA meets                      |  |  |
| the requirements in this section of the BRs.                                    |  |  |
| 3.2.2.4.7 DNS Change  | CPS Section 4.2.1 Secure Server Certificate Application Validation Process   |  |
| If your CA uses this method of domain validation, <i>indicate</i>               | TO O October 4.2. I October October October Application Valluation Floress   |  |
| where in the CP/CPS it is described, and how your CA meets                      |  |  |
| the requirements in this section of the BRs.                                    |  |  |
| une regunerniento in uno secuon di ule DNs.                                     | 1  |  |

| 3.2.2.4.8 IP Address   | 1   |  |
|--|---|--|
|  |   | We do not use this validating method.  |
| If your CA uses this method of domain validation, <i>indicate</i>  |   |  |
| where in the CP/CPS it is described, and how your CA meets         |   |  |
| the requirements in this section of the BRs.                       |   | NA   |
| 3.2.2.4.9 Test Certificate   |   | We do not use this validating method.  |
| If your CA uses this method of domain validation, <i>indicate</i>  |   |  |
| where in the CP/CPS it is described, and how your CA meets         |   |  |
| the requirements in this section of the BRs.                       |   |  |
| 3.2.2.4.10. TLS Using a Random Number                              |   | We do not use this validating method.  |
| If your CA uses this method of domain validation, <i>indicate</i>  |   |  |
| where in the CP/CPS it is described, and how your CA meets         |   |  |
| the requirements in this section of the BRs.                       |   |  |
| 3.2.2.5 Authentication for an IP Address                           | CPS Section 4.2.1 Secure Server Certificate Application Validation Process    | This method is rarely utilized and is under  |
| If your CA allows IP Addresss to be listed in certificates,        |   | consideration for removal on our upcoming CPS  |
| indicate how your CA meets the requirements in this section of     |   | revision at the end of Q2.   |
| the BRs.   |   |  |
|  |   | We coordinate with Comodo when necessary to  |
| 3.2.2.6 Wildcard Domain Validation                                 |   | use an automated process to fetch the Public   |
| If your CA allows certificates with a wildcard character (*) in a  |   | Suffix List. We use the data in the PSL to   |
| CN or subjectAltName of type DNS-ID, then <i>indicate how your</i> |   | determine if a domain to which a wildcard is to  |
| CA meets the requirements in this seciton of the BRs.              |   | be prepended is a public suffix.   |
| 3.2.2.7 Data Source Accuracy                                       |   | We securely collect data from customers when   |
| Indicate how your CA meets the requirements in this section of     |   | they request certs to be issued. The list of   |
| the BRs.   |   | Reliable Data Sources that we use verify Subject   |
| and Britis.  |   | Identity information is a fixed list from which our  |
|  |   | validators (and systems) may not vary. When  |
| 3.2.2.8 CAs MUST check and process CAA records                     | CPS Section 4.2.4 Certificate Authority Authorization                         | We understand and comply with the  |
| Indicate your CA's understanding that this section is a            | of a coulon 1.2.1 Continuate / tetriority / tetriorization                    | requirements of 3.2.2.8, using the method stated   |
| requirement as of September 8, 2017, and how your CA meets         |   | in our CPS.  |
| the requirements in this section of the BRs.                       |   | III our or 3.  |
| 3.2.3. Authentication of Individual Identity                       | CPS 4.2.4   | Legal Name of the Individual (PUBLIC)  |
| 3.2.3. Additertication of individual identity                      | 01 0 4.2.4  | r Legal Name of the mulvidual (1 Oblic)  |
|  |   |  |
|  |   | Organizational unit (PUBLIC)   |
|  |   | <ul><li>Organizational unit (PUBLIC)</li><li>Street, city, postal/zip code, country (PUBLIC)</li></ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> </ul>  |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> </ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address</li> </ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> </ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational</li> </ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> </ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational</li> </ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> </ul>  |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> <li>Fully Qualified Domain Name / Network Server</li> </ul>  |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> <li>Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC)</li> <li>Public Key (PUBLIC)</li> </ul>  |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> <li>Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC)</li> <li>Public Key (PUBLIC)</li> <li>Proof of registration of domain name</li> </ul>  |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> <li>Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC)</li> <li>Public Key (PUBLIC)</li> <li>Proof of registration of domain name</li> <li>Proof of existence and organizational status of</li> </ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> <li>Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC)</li> <li>Public Key (PUBLIC)</li> <li>Proof of registration of domain name</li> <li>Proof of existence and organizational status of the Organization</li> </ul>  |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> <li>Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC)</li> <li>Public Key (PUBLIC)</li> <li>Proof of registration of domain name</li> <li>Proof of existence and organizational status of</li> </ul>   |
|  |   | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> <li>Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC)</li> <li>Public Key (PUBLIC)</li> <li>Proof of registration of domain name</li> <li>Proof of existence and organizational status of the Organization</li> <li>Subscriber agreement, signed or agreed to</li> </ul> |
| 3.2.5. Validation of Authority                                     | CPS Sections 1.2.1 and 4.3.3  | Organizational unit (PUBLIC) Street, city, postal/zip code, country (PUBLIC) Server Software Identification Payment Information Administrator contact full name, email address and telephone Billing contact persons and organizational representative Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC) Public Key (PUBLIC) Proof of registration of domain name Proof of existence and organizational status of the Organization Subscriber agreement, signed or agreed to online  |
| 3.2.6. Criteria for Interoperation or Certification                | CPS Sections 1.2.1 and 4.3.3 CPS Section 2.1.1 and lifecycle management 3.5.1 | <ul> <li>Organizational unit (PUBLIC)</li> <li>Street, city, postal/zip code, country (PUBLIC)</li> <li>Server Software Identification</li> <li>Payment Information</li> <li>Administrator contact full name, email address and telephone</li> <li>Billing contact persons and organizational representative</li> <li>Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC)</li> <li>Public Key (PUBLIC)</li> <li>Proof of registration of domain name</li> <li>Proof of existence and organizational status of the Organization</li> <li>Subscriber agreement, signed or agreed to</li> </ul> |
| •  |   | Organizational unit (PUBLIC) Street, city, postal/zip code, country (PUBLIC) Server Software Identification Payment Information Administrator contact full name, email address and telephone Billing contact persons and organizational representative Fully Qualified Domain Name / Network Server Name / Public or Private IP (PUBLIC) Public Key (PUBLIC) Proof of registration of domain name Proof of existence and organizational status of the Organization Subscriber agreement, signed or agreed to online  |

|  |                                      | <u> </u>   |
|--|--------------------------------------|--|
| 4.1.1. Who Can Submit a Certificate Application                  | CPS Sections 5.29 and 5.30           | Following best practices of CCADB, Network                   |
| Indicate how your CA identifies suspicious certificate requests. |                                      | Solutions checks credentials against accounts.               |
|  |                                      | When previous attempts have been made to                     |
|  |                                      | obtain a certificate and either issuance was                 |
|  |                                      | blocked or a certificate revoked because of                  |
|  |                                      | suspected fraud or other violation of terms of the           |
|  |                                      | subscriber agreement, we can suspend and                     |
|  |                                      | blacklist IP addresses from which such                       |
|  |                                      | applications have been made. We also have the                |
|  |                                      | ability to blacklist domain names where we                   |
|  |                                      | become aware that the domain has been used                   |
|  |                                      |  |
|  |                                      | for faudulent use or otherwise has been the                  |
|  |                                      | subject of activity counter to the terms of the              |
|  |                                      | subscriber agreement.  |
| 4.1.2. Enrollment Process and Responsibilities                   | CPS Section 4.1                      |  |
| 4.2. Certificate application processing                          | CPS Section 4.1                      |  |
| 4.2.1 Re-use of validation information is limited to 825 days    | OF O OCCUPIT 4.                      | Network Solutions has implemented this                       |
| Indicate your CA's understanding that this is a requirement as   |                                      | · · · · · · · · · · · · · · · · · · ·                        |
|  |                                      | requirement to limit the re-use of validation                |
| of March 1, 2018, and indicate how your CA meets the             |                                      | information to 825 days.                                     |
| requirements of this section.                                    | CPS Section 1.6                      | Ma hava a massasa which aversings avering                    |
| 4.2.1. Performing Identification and Authentication Functions    | ICPS Section 1.0                     | We have a process which examines subject                     |
| Indicate how your CA identifies high risk certificate requests.  |                                      | details and domain names, for matches or near                |
|  |                                      | matches to some known high profile or pre-                   |
|  |                                      | notified names that may indicate that a                      |
|  |                                      | certificate is at a higher than normal risk of               |
|  |                                      | fraudulent applications being made and in those              |
|  |                                      | cases we flag a certificate application for a                |
|  |                                      | manual review.   |
| 4.2.2. Approval or Rejection of Certificate Applications         | Not applicable to Network Solutions  | There is an automated feed of new gTLDs from                 |
|  |                                      | ICANN and our system incorporates checks on                  |
|  |                                      | the validity of the domain name taking the list of           |
|  |                                      | gTLDs into account. This section actually has                |
|  |                                      | very little effect as we have not been able to               |
|  |                                      | issue trusted certificates for Internal Names for            |
|  |                                      |  |
| 4.3.1. CA Actions during Cartificate leguance                    | Not applicable to Network Solutions  | some time.  The only certificates we issue from our root CAs |
| 4.3.1. CA Actions during Certificate Issuance                    | INOLAPPIICADIE LO INELWORK SOIULIONS | 1  |
|  |                                      | are intermediate CA certificates. Our CA has no              |
|  |                                      | facility for the automated signature of such                 |
|  |                                      | certificates, so this activity necessarily involves          |
|  |                                      | manual intervention by privileged users to sign              |
|  |                                      | such certificates.   |
|  |                                      |  |
|  | CPS 4.13, 4.13.1 and 4.13.2          | The reasons for revoking certs: 1) Requests                  |
|  | 10F3 4.13, 4.13.1 and 4.13.2         |  |
|  |                                      | from customers 2) Insufficient payment or fraud              |
|  |                                      | detected 3) AUP suspension occurs to                         |
|  |                                      | customer. 4) Revoke based on abuse report.                   |
|  |                                      | While we comply in fact with the requirements of             |
|  |                                      | BR 4.9.1.1, our CPS does not delineate all of the            |
|  |                                      | options offered by BR 4.9.1.1. We will add to the            |
|  |                                      | CPS the delta needed to make explicit all of the             |
| 4.9.1.1 Reasons for Revoking a Subscriber Certificate            |                                      | options available under BR 4.9.1.1 in the next               |
| Indicate which section in your CA's CP/CPS contains the list of  |                                      | CPS revision, scheduled for end of June.                     |
| reasons for revoking certificates.                               |                                      |  |
| -  | •                                    | <u> </u>   |

|  | I  | Total Company of the |
|--|--|---|
| 4.9.1.2 Reasons for Revoking a Subordinate CA Certificate  | CPS 4.13, 4.13.1 and 4.13.2  | We have a contractual relationship with Comodo  |
| Indicate which section in your CA's CP/CPS contains the list of  |  | that would explain the nature of a revocation   |
| reasons for revoking subordinate CA certificates.  |  | incident.   |
| 4.9.2. Who Can Request Revocation  | CPS section 4.13 of Network Solutions Certification Practice Statement | Customers, Web.com, Comodo  |
| 4.9.3. Procedure for Revocation Request  | CPS section 4.13 of Network Solutions Certification Practice Statement | Outlined in the CPS and CPS for EV. Authorized agent level employees, with the permission of the customer, may request to revoke their certificate. This is done through the Network Solutions Secure SSL Control Panel within the Account Manager.   |
| 4.9.5. Time within which CA Must Process the Revocation Request  | CPS section 4.13 of Network Solutions Certification Practice Statement | We will abide by the requirements that mandate review within 24 hours.  |
| 4.9.7. CRL Issuance Frequency Indicate if your CA publishes CRLs. If yes, then please test your CA's CRLs.   | CPS 4.13.2   | An updated CRL is published on the Network Solutions website every 24 hours, however under special circumstances the CRL may be published more frequently. Example of a revoked certificate: https://www.current-revoked-ns-cert.com/   |
|  | CPS section 4.13 of Network Solutions Certification Practice Statement | The SSL Control Panel available to customers in the Account Manager will confirm the status.  |
| 4.9.9. On-line Revocation/Status Checking Availability   |  | ]   |
| 4.9.10. On-line Revocation Checking Requirements Indicate how your CA meets all of the requirements listed in this section, including support of GET, update frequency, preventing errounious return of "good" status. | Not listed in CPS, as handled by Comodo per contractual agreement.     | We rely on the contractual agreement with Comodo that has OCSP responders which support both GET and POST requests. Their OCSP responses are valid for 96 hours (4 days). As stated in 7.3, our OCSP responders are capable of providing a 'good' or 'revoked' status for all certificates issued under the terms of this CPS.  |
| 4.9.11. Other Forms of Revocation Advertisements Available Indicate if your CA supports OCSP stapling.   | Not applicable to Network Solutions                                    | We support stapling but do not enforce its use and do not amend our CPS where stapling is to  |
| 4.40.4. On anotional Characteristics   | CDC 4 F  | be used.  |
| 4.10.1. Operational Characteristics  | CPS 1.5  |   |
| 4.10.2. Service Availability 5. MANAGEMENT, OPERATIONAL, AND PHYSICAL CONTROLS   | CPS 1.5 CPS 2.1.6 and 2.2  | Network Solutions CA operates an ISO27001 compliant ISMS which, as well as the WebTrust audits, is subject to SOC2 and SOC3 audits.   |
| 5.2.2. Number of Individuals Required per Task   | CPS 1.2  | Over 45 in various capacities: Technical, Organizational, Practices and Legal.  |
| 5.3.1. Qualifications, Experience, and Clearance Requirements  | Not listed in CPS  | We do not to list this information publically.  |
| 5.3.3. Training Requirements and Procedures  | CPS 5.17   |   |
| 5.3.4. Retraining Frequency and Requirements   | CPS 5.17   |   |
| 5.3.7. Independent Contractor Controls   | CPS 5.17   |   |
| 5.4.1. Types of Events Recorded Indicate how your CA meets the requirements of this section.   | CPS 6.4  | From time to time, events outside of the control of Network Solutions may delay the issuance process however Network Solutions will make every reasonable effort to meet issuance times and to make applicants aware of any factors that may affect issuance times in a timely manner.  |

|  | See section 3.5.4 Log Retention Period in Certification Practice Statement           | Network Solutions follows a protocol to retain the  |
|--|--|---|
| 5.4.3. Retention Period for Audit Logs                         | Dee Section 3.3.4 Log Netermon Fenou in Certification Fractice Statement             | audit logs for a period of seven years.   |
|  | Provided to EY during audit assessment period. Not publically displayed.             | We conduct an annual risk assessment on our   |
|  |  | certificate authority as part of our ISMS   |
| 5.4.8. Vulnerability Assessments                               |  | operation. This is subject to audit under   |
| Indicate how your CA meets the requirements of this section.   |  | WebTrust.   |
|  | See sections 2.13 and 3.5.4 Log Retention Period in Certification Practice Statement | Network Solutions maintains logs for a period of seven years to comply with applicable laws.    |
| 5.5.2. Retention Period for Archive                            |  |   |
|  | CPS 2.1.6 and 2.2  | We have a business continuity plan. We have   |
| 5.7.1. Incident and Compromise Handling Procedures             |  | multiple locations from which our CA could  |
| Indicate how your CA meets the requirements of this section.   |  | operate.  |
| Indicate now your OA meets the requirements of this section.   | CPS 2.1.1  | The UTN and AddTrust CA Root key pairs are  |
|  | OF3 2.1.1  | protected in accordance with an AICPA/CICA  |
|  |  | WebTrust program compliant infrastructure and   |
|  |  | CPS.Network Solutions ensures the protection  |
|  |  | of its CA Root signing key pairs with the use of  |
|  |  |   |
|  |  | Hardware Signing Module (HSM) devices, which are certified to FIPS 140-2 Level 3 or higher, for |
|  |  |   |
| 6.1.1. Key Pair Generation                                     |  | key generation, storage and use.  |
| 0.1.1. Ney Fall Generation                                     | CPS 2.1.1  | We don't openly provide a private key to users  |
|  | OF3 2.1.1  | as we install the certs for them on our hosting   |
|  |  |   |
|  |  | platform. However, If we have a request from  |
|  |  | customer to attain their private key we provide   |
|  |  | an encrypted file, which the end user must be able to decrypt.                                  |
| 6.1.2. Private Key Delivery to Subscriber                      |  | able to decrypt.  |
| 6.1.5. Key Sizes   | CPS 2.1.1  | 2048  |
|  | CPS 2.1.2  | We verify RSA and ECDSA keys, including   |
| 6.1.6. Bublic Key Barameters Congretion and Quality Checking   |  | subscriber keys per BR 6.1.6.   |
| 6.1.6. Public Key Parameters Generation and Quality Checking   |  | I.,   |
| 6.1.7. Key Usage Purposes                                      | CPS 2.1.2  | Installation  |
|  | CPS 2.8  | Network Solutions strongly urges Subscribers to   |
|  |  | use a password or equivalent authentication   |
|  |  | method to prevent unauthorized access and   |
|  |  | usage of the Subscriber private key. The  |
|  |  | Subscriber is solely responsible for protection of  |
|  |  | the Subscriber's private keys. Network Solutions  |
|  |  | maintains no involvement in the generation,   |
| 6.2. Private Key Protection and Cryptographic Module           |  | protection or distribution of such keys as part of  |
| Engineering Controls   |  | the Certificate services.   |
|  | CPS 2.1.3  | When the Network Solutions CA Root Signing  |
|  |  | Key pair expire they will be archived for at least 7  |
|  |  | years. The keys will be archived in a secure  |
|  |  | cryptographic hardware module as per their  |
|  |  | secure storage prior to expiration, as detailed in  |
| 6.2.5. Private Key Archival                                    |  | section 2.1.1 of this CPS.  |
| O.2.O. I Tivate Rey Alonival                                   | Not applicable to Network Solutions, as reflected in CPS 2.7                         | We do not provide this to users.  |
| 6.2.6. Private Key Transfer into or from a Cryptographic Modul |  | TARE NO HOL PLOVIDE HIIS TO USELS.  |
| 6.2.7. Private Key Storage on Cryptographic Module             | CPS 2.8  | We do not priovide storage on this platform.  |
| S.E I IIVato Itay otorago on oryptograpino Modulo              | 101 0 2.0  | I v v o do not priovide storage on this platform.   |

|   | CPS 4.8   | Naturals Calutions has removed the shilits on      |
|---|---|--|
| 6.3.2 Certificates issued after March 1, 2018, MUST have a    | [CPS 4.8  | Network Solutions has removed the ability on       |
|   |   | storefront and in all backend billing and          |
| Validity Period no greater than 825 days                      |   | processing systems to sell or renew any 3 year     |
| Indicate how your CA meets the requirements of this section.  |   | term certificates as of March 1, 2018.             |
| 6.5.1. Specific Computer Security Technical Requirements      | CPS 1.7   | Network Solutions relies on UTN-USERFIRST-         |
| The CA SHALL enforce multi-factor authentication for all      |   | Hardware, AddTrust External CA Root for its        |
| accounts capable of directly causing certificate issuance.    |   | Root CA Certificates for Digital Certificates      |
| Indicate how your CA meets the requirements of this section.  |   | issued after July 20, 2006. These relationships    |
|   |   | allow Network Solutions to issue highly trusted    |
|   |   | Digital Certificates by inheriting the trust level |
|   |   | associated with the UTN root certificate named     |
|   |   | UTN-USERFIRST-Hardware and the AddTrust            |
|   |   | root certificate named AddTrust External CA        |
|   |   | Root.  |
|   | CPS 4.42  | Network Solutions CA generates 128 bit serial      |
| 7.1. Certificate profile                                      |   | numbers as provided from a secure API call to      |
| CAs SHALL generate non-sequential Certificate serial numbers  |   | Comodo. The numbers are the output of a            |
| greater than 0 containing at least 64 bits of output from a   |   | CSPRNG. We have a separate uniqueness              |
| CSPRNG.   |   | check that verifies that serial numbers are never  |
| Indicate how your CA meets the requirements of this section.  |   | re-used.   |
| 7.1.1. Version Number(s)                                      | CPS 1.2.1   | All Network Solutions certificate are x.509 v3     |
| 7.1.1. Version Number(s)                                      | CPS 4.2.4   | Network Solutions complies with all of the         |
|   | OFS 4.2.4   | requirements of BR 7.1.2 and its sub-sections.     |
|   |   | 1 .  |
| 7.4.2 Contificate Content and Extensions, Application of DEC  |   | We will consider the need to add this to the       |
| 7.1.2. Certificate Content and Extensions; Application of RFC |   | upcoming CPS statement update within the audit     |
| 5280  |   | period.  |
|   | 2.12.1  | In compliance and in progress with audit of all    |
|   |   | certificates from June 30, 2017 to March 31,       |
| 7.1.2.1 Root CA Certificate                                   |   | 2018   |
|   | CPS 5.15  | Network Solutions refrains from using the          |
|   |   | subscriber's private key corresponding to the      |
|   |   | public key in a Network Solutions issued           |
|   |   | certificate to issue end-entity SSL Certificate or |
| 7.1.2.2 Subordinate CA Certificate                            |   | subordinate CAs                                    |
|   | CPS 2.10  | Network solutions follows recommended              |
| 7.1.2.3 Subscriber Certificate                                |   | extensions id-qt 1 (RFC 5280]                      |
|   | CPS 2.12.1 also, roots are exact as listed on cooresponding tab and on WebTrust audit | In compliance and in progress with audit of all    |
|   | reports   | certificates from June 30, 2017 to March 31,       |
| 7.1.2.4 All Certificates                                      |   | 2018   |
|   | CPS 2.6.1   | Network Solutions does not consider a              |
|   |   | precertificate to qualify or be considered a       |
| 7.1.2.5 Application of RFC 5280                               |   | certificate.                                       |
|   | CPS 4.1.1   | Network Solutions does not issue SHA-1             |
|   |   | certificates under these guidelines. Additionally, |
|   |   | we do not issue SHA-2 end entity certificates      |
|   |   | from SHA-1 subordinate CAs.                        |
| 7.1.3. Algorithm Object Identifiers                           |   |  |
|   | CPS 4.3.1   | Acceptable names are listed in the CPS section     |
| 7.1.4. Name Forms   |   | 4.3.1.   |
|   |   | Network Solutions CA certificates, the content of  |
|   |   | the Certificate Issuer Distinguished Name field    |
|   |   | matches the Subject DN of the Issuing CA to        |
| 7.1.4.1 Issuer Information                                    |   | support Name chaining.                             |
| 7.1.4.1 Issuel Information - Subscriber Certificates          | CPS 2.10.1  | In compliance                                      |
| 1.1.7.2 Oubject information - Subscriber Certificates         | [OF O 2.10.1  | III compilance                                     |

| 7.1.4.3 Subject Information - Root Certificates and Subordinate CA Certificates  | CPS 2.10.1  | In compliance   |
|--|---|---|
| 7.1.5. Name Constraints Indicate your CA's understanding of Mozilla's requirement to disclose in the CCADB all subordinate CA certificates that are  | CPS 2.6.2   | Network Solutions understands the requirement to disclose all subordinate CA certificates that are not technically contrained by name.  |
| not technically constrained as described in this section.  |   |   |
| 7.1.6. Certificate Policy Object Identifier  | CPS 4.1.1   | Network Solutions understands and complies with the BRs 7.1.6 concerning the use of Policy Object Identifiers. We will clarify in CPS in the next revision within the upcoming audit period July 2018.  |
| 7.1.6.1 Reserved Certificate Policy Identifiers  | CPS 4.1.1   |   |
| 7.1.6.2 Root CA Certificates   | https://cert.webtrust.org/ViewSeal?id=2290                |   |
| 7.1.6.3 Subordinate CA Certificates  | https://cert.webtrust.org/ViewSeal?id=2292                |   |
| 7.1.6.4 Subscriber Certificates  | CPS 2.10, 2.10.1  |   |
| 8. COMPLIANCE AUDIT AND OTHER ASSESSMENTS  |   |   |
| 8.1. Frequency or circumstances of assessment The period during which the CA issues Certificates SHALL be dividied into an unbroken sequence of audit periods. An audit period MUST NOT exceed one year in duration. For new CA Certificates: The point-in-time readiness assessment SHAL be completed no earlier than twelve months prior to issuing Publicly-Trusted Certificates and SHALL be followed by a complete audit under such scheme within ninety (90) days of issuing the first Publicly-Trusted Certificate. Indicate your CA's understanding of this requirement, and how your CA meets the requirements of this section. | CPS 1.5 - Annual audits by Ernst & Young for SSL products | We understand and comply with annual audits that do not have any gaps or unbroken sequence of audits. The upcoming audit will cover July 1, 2017 to March 31, 2018.   |
| 8.2. Identity/qualifications of assessor<br>Indicate how your CA meets he requirements of this section.  | CPS 1.5 - Annual audits by Ernst & Young for SSL products | Network Solutions CA engages EY LLC to perform WebTrust audits. EY are independennt from us, are skilled in performing WebTrust for CAs audits, employ properly trained and skilled individuals to perform the audits, are bound by a professional code of ethics, and maintains professional LE&O insurance of > \$1m. |
|  | CPS 1.5 - Annual audits by Ernst & Young for SSL products | Every year, Network Solutions provides EY with evidence that we maintain the integrity of keys and certificates, along with protection for the lifecycle of the SSLs. Information of the subscriber is properly collected and authenticated.  |
| 8.4. Topics covered by assessment  | CPS 1.5 - Annual audits by Ernst & Young for SSL products | See audit WebTrust reports and management assertions.   |
| 8.6. Communication of results  |   | accordono.  |

| Also indicate your understanding and compliance with               |  | We comply with Mozilla's root store policy to        |
|--|--|--|
| Mozilla's Root Store Policy, which says:                           |  | follow best practices related to audit compliance,   |
| "Full-surveillance period-of-time audits MUST be conducted         |  | in that we maintain a strict adherance to the        |
| and updated audit information provided no less frequently than     |  | annual schedule as set forth by the EY               |
| annually. Successive audits MUST be contiguous (no gaps).          |  | organization and CAB forum policy.                   |
|  |  | organization and OAB fordin policy.                  |
| The publicly-available documentation relating to each audit        |  |  |
| MUST contain at least the following clearly-labelled information   | :  |  |
| - name of the company being audited;                               |  |  |
| - name and address of the organization performing the audit;       |  |  |
| - Distinguished Name and SHA256 fingerprint of each root and       |  |  |
| intermediate certificate that was in scope;                        |  |  |
| - audit criteria (with version number) that were used to audit     |  |  |
| each of the certificates;  |  |  |
| · · · · · · · · · · · · · · · · · · ·                              |  |  |
| - a list of the CA policy documents (with version numbers)         |  |  |
| referenced during the audit;                                       |  |  |
| - whether the audit is for a period of time or a point in time;    |  |  |
| - the start date and end date of the period, for those that cover  |  |  |
| a period of time;  |  |  |
| - the point-in-time date, for those that are for a point in time;  |  |  |
| - the date the report was issued (which will necessarily be after  |  |  |
| the end date or point-in-time date); and                           |  |  |
| - For ETSI, a statement to indicate if the audit was a full audit, |  |  |
| and which parts of the criteria were applied, e.g. DVCP, OVCP      |  |  |
| NCP, NCP+, LCP, EVCP, EVCP+, QCP-w, Part1 (General                 |  |  |
| Requirements), and/or Part 2 (Requirements for trust service       |  |  |
| providers).  |  |  |
| "  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  | Self audit is provided to EY during audit assessment period. Not publically displayed. | The Legal department and Product Manager at          |
|  |  | Network Solutions complete regular self audits       |
|  |  | of all SSL products under management and             |
|  |  | provide necessary evidence every audit period.       |
| 8.7. Self-Audits   |  |  |
|  | CPS 5.27 and 5.28  | Network Solutions certificates may include a         |
|  |  | brief statement describing limitations of liability, |
|  |  | limitations in the value of transactions to be       |
|  |  | accomplished, validation period, intended            |
|  |  | purpose of the certificate and disclaimers of        |
|  |  | warranty that may apply. Subscribers must            |
|  |  | agree to Network Solutions Certificate and Site      |
|  |  | Seal   |
|  |  | Subscriber Agreement before signing-up for a         |
|  |  | certificate, as well as agreeing to bind their       |
|  |  | relying parties to the Network Solutions Relying     |
|  |  | Party Agreement.                                     |
|  |  | , , , , , , , , , , , , , , , , ,                    |
|  |  |  |
|  |  |  |
| 9.6.1. CA Representations and Warranties                           |  |  |
| 9.6.3. Subscriber Representations and Warranties                   | CPS 5.16 and 5.17  | In compliance  |
| 9.8. Limitations of liability                                      | CPS 5.3  | In compliance  |

| 9.9.1. Indemnification by CAs | CPS 5.3.6 | In compliance |
|-------------------------------|-----------|---------------|
| 9.16.3. Severability          | CPS 5.42  | In compliance |