**Review**

**IDN TLD acceptance**

**November 2011**

**7.1 Server infrastructure**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Application** | **SF verzion** | **OS** | **Status** |
|  | ISC BIND | 9.7.0 | Linux | Punycode presentation only |
|  | Microsoft Windows DNS | 6.1.7601.17514. | Microsoft Windows | Punycode presentation only |
|  | Postfix SMTP server | 2.3.3 | Linux | Punycode presentation only |
|  | Sendmail 8.3.18SMTP server | 8.1.el5\_7 | Linux | Punycode presentation only |
|  | Exi 4.63 SMTP server | 10.el5 | Linux | Punycode presentation only |
|  | Dovecot 1.0.13 IMAP server | 1.el5.rfx | Linux | Punycode presentation only |
|  | Courier POP/IMAP server 4.1.3 | 4.1.3-1 | Linux | Punycode presentation only |
|  | Microsoft Exchange 2010 |  | Microsoft Windows | Punycode presentation only |
|  | hMailServer | 5.3.3-B1879 | Microsoft Windows | Punycode presentation only |
|  | Apache 2.2.3 Veb server | 45.el5.centos.1 | Linux | Punycode presentation only |
|  | Microsoft Windows IIS 6 |  | Microsoft Windows | Punycode presentation only |
|  | Microsoft Windows IIS 7 | 7.5.7600.16385 | Microsoft Windows | UTF8 presentation accepted |

**7.2 desktop client applications**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Application** | **OS** | **Status** |
|  | Internet Explorer 6 | Microsoft Windows | Punycode presentation only |
|  | Internet Explorer 7 | Microsoft Windows | UTF8 presentation accepted |
|  | Internet Explorer 8 | Microsoft Windows | UTF8 presentation accepted |
|  | Internet Explorer 9 | Microsoft Windows | UTF8 presentation accepted |
|  | Mozilla Firefox 7.0.1 | Microsoft Windows | UTF8 presentation accepted as web address, after initial input all URL-s are presented in punycode form |
|  | Mozilla Firefox 7.0.1 | Linux | UTF8 presentation accepted as web address, after initial input all URL-s are presented in punycode form |
|  | Konqueror 4:4.6.5-0ubuntu1 | Linux | UTF8 presentation accepted as web address, after initial input all URL-s are presented in punycode form |
|  | Opera 11.51 | Microsoft Windows | UTF8 presentation accepted completely |
|  | Google Chrome 14.0.835.202 | Microsoft Windows | UTF8 presentation accepted completely |
|  | Google Chrome 14 14.0.835.202 | Linux | UTF8 presentation accepted as web address, after initial input all URL-s are presented in punycode form |
|  | Evolution 2.32.2 | Linux | Punycode presentation only |
|  | Mozilla Thunderbird 3.1.15 | Linux | Punycode presentation only |
|  | Microsoft Outlook 2003 | Microsoft Windows | Punycode presentation only |
|  | Microsoft Outlook 2007 | Microsoft Windows | UTF8 presentation accepted completely |
|  | Microsoft Outlook 2010 | Microsoft Windows | UTF8 presentation accepted completely |
|  | Microsoft Windows Mail 2011 | Microsoft Windows | Punycode presentation only |
|  | Microsoft Outlook Express | Microsoft Windows | Punycode presentation only |
|  | Apple Mail | Mac OS X Lion | UTF8 presentation accepted during configuration and sending mail, received mail addresses have Punycode presentation |

**7.3 Web based client application**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Application** | **OS** | **Status** |
|  | Outlook Web Access klijent 14.0.722.0 with IIS7 - 7.5.7600.16385 | Microsoft Windows | Punycode presentation only |
|  | SquirrelMail 1.4.8, 5.el5.centos.10 | Linux | Punycode presentation only |
|  | RoundCube 0.6rc | Linux | UTF8 presentation accepted completely |

**7.4 Mobile platforms Client applications**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Platform** | **OS** | **Status** |
|  | RIM Blackberry | Blackberry OS | neither UTF8 nor punycode presentation accepted |
|  | Microsoft WinPhone 7.5 | Microsoft WinPhone 7.5 | Punycode presentation only |
|  | Apple iPhone 4 | iOS 4.3.3 | Accepts UTF8 in web browser completely  Does not accept e-mail address in UTF8  Accepts e-mail addresses in Punycode |
|  | Google Android 2.3 | Android 2.3 + HTC Sense UI | Accepts UTF8 in web browser completely  Does not accept e-mail address in UTF8  Accepts e-mail addresses in Punycode |
|  | Symbian 9 | Symbian 9 | No Serbian Keyboard  Punycode presentation only |

**7.5 Public e-mail services**

|  |  |  |
| --- | --- | --- |
|  | **Site** | **Status** |
|  | Google Mail | neither UTF8 nor Punycode presentation accepted |
|  | Hotmail | Punycode presentation only |
|  | Yahoo!Mail | UTF8 presentation accepted completely |

**7.6 Summary**

41 pieces of software tested

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Complete UTF8 acceptance** | **Partial UTF8 acceptance** | **Only Punycode** | **No IDN acceptance** |
| Number of applications | 10 | 7 | 22 | 2 |
| Percentage | 24,4 | 17 | 53,6 | 5 |