**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 completelyDoes not accept e-mail address in UTF8Accepts e-mail addresses in Punycode  |
|  |  Google Android 2.3 |  Android 2.3 + HTC Sense UI  | Accepts UTF8 in web browser completelyDoes not accept e-mail address in UTF8Accepts e-mail addresses in Punycode |
|  |  Symbian 9 |  Symbian 9 | No Serbian KeyboardPunycode 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 |