

CDN Registration

MAO Wei
CNNIC
2004 in Cape Town

CDN Problems

- Simplified-Chinese (SC) and Traditional-Chinese (TC) characters equivalence
for example ‘国’=‘國’
- Chinese character variants, some Chinese characters has many variants but they are same in meaning
for example {国, 國, 圀, 囯}

CDN Solutions

- CDN Basic
 - RFC3454 Stringprep
 - RFC3490 IDNA
 - RFC3491 Nameprep
 - RFC3492 Punycode
- Special solution to CJK
 - April ,2004, RFC3743 Joint Engineering Team (JET) Guidelines for Internationalized Domain Names (IDN) Registration and Administration for Chinese, Japanese, and Korean

CNNIC Bundling rules for registration of CDN(1)

- Register an IDN.cn in simplified Chinese only, get another free award of an equivalent domain name in traditional Chinese only, and vice versa
 - Example
 - 清华大学.cn
 - 清華大學.cn

Bundling Rules(2)

- Register an IDN.cn in a mix of simplified and traditional Chinese, get a free award of an equivalent domain name in simplified Chinese only and another equivalent domain name in traditional Chinese only
 - Example
 - Original form may be mix of the following:
 - 清 ->{清, 清, 清}
 - 华 ->{华, 華, 華}
 - 学 ->{学, 學, 孛}
 - 清華大学.cn
 - TC-only
 - 清華大學.cn
 - SC-only
 - 清华大学.cn

Bundling Rules(3)

- Resolved:
 - Original form (mixture character)
 - Simplified only version
 - Traditional only version
- Reserved:
 - All variant versions
 - { 清华大学.cn ; 清華大學.cn ; 清華大學.cn ; 清華大學.cn ; 清華大學.cn ; ... }
 - The package will not be used in DNS resolution and be reserved only for this user
- Creating, deleting, transferring and updating of CDN in CDN registration server system are based on the whole CDN package
- It is transparency for registrar. Registry do it.

Simplified-Chinese and Traditional-Chinese characters equivalence

清华大学 - Microsoft Internet Explorer

文件(F) 编辑(E) 查看(V) 收藏(C)

后退 前进 刷新 主页 地址栏

地址(D) <http://清华大学.cn/chn/index.html>

清華大學.cn
清華大學.cn
清华大学.cn



清華大學
Tsinghua University

清华新闻

Thank YOU!

MAO Wei

www.cnnic.cn

<http://中国互联网络信息中心.cn>

mao@cnnic.cn

毛伟@互联网中心.cn