Domain Life Cycle (DLC)

Birth, live, old, death, reborn

Presented by Brent Lee
Web Commerce Communications Limited (WEBCC)
Agenda

- gTLD COM domain life cycle
- gTLD ORG domain life cycle
- sTLD Travel domain life cycle
- ccTLD offline domain life cycle
- ICANN Registrar Transfer Cycle
- Domain Business Activities
- Domain Life Cycle Comparison
- Registrar Perspective
gTLD Com Domain Life Cycle

Renew Grace

No Transfer Period

Transfer Grace

Add Grace

Active/Lock

Auto Renew Grace

Redemption Grace

Pending Delete

Available

Pending Restore
Add Grace Period

• 5 calendar days after registration
• Transfer: Not allow
• Renew: renewed by the number of years as specified
• Delete: Refund and immediately available
• Delete after Add Grace: placed on Redemption Period, Pending Delete and drop
• Allow registrar to cancel registration within grace
gTLD Com Domain Life Cycle

- Renew Grace
- No Transfer Period
- Transfer Grace
- Add Grace
- Active/Lock
- Auto Renew Grace
- Redemption Grace
- Pending Delete
- Available
- Pending Restore
Renew Grace

• 5 calendar days after renewal
• Renew: renewed by the number of years
• Delete: refund and place on Redemption Period
• Delete during Add Grace: refund and available immediately
• Transfer: no refund, renew for a year
• Allow registrar to cancel renewal within grace
gTLD Com Domain Life Cycle

- Renew Grace
- No Transfer Period
- Transfer Grace
- Add Grace
- Active/Lock
- Auto Renew Grace
- Redemption Grace
- Pending Delete
- Available
- Pending Restore
Transfer Grace

- 5 calendar day after transfer
- Delete: refund sponsoring registrar, enters Redemption Grace Period
- Renew: addition to Transfer charge, charge renewal
- Transfer not allow period after transfer completed
- Allow registrar to cancel the transfer
gTLD Com Domain Life Cycle

Renew Grace

No Transfer Period

Transfer Grace

Add Grace

Active/Lock

Auto Renew Grace

Redemption Grace

Pending Delete

Available

Pending Restore
Auto Renew Grace

- 1 year is renewed after expired
- 45 calendar days to request cancellation
- Transfer: Losing Registrar receive credit
- Domain still resolves in zone
- Protect registrants domain from not resolve immediately after expiration
gTLD Com Domain Life Cycle

- Renew Grace
- No Transfer Period
- Transfer Grace
- Add Grace
- Active/Lock
- Auto Renew Grace
- Redemption Grace
- Pending Delete
- Available
- Pending Restore
Redemption Period

• When a domain name is deleted outside of a grace period or within the Transfer, AutoRenew, or Explicit Renew grace periods
• Help registrars defend against inadvertent deletions
• Domain Name is removed from the Zone
• No modification allowed
• It can only be removed by using the Restore
gTLD Com Domain Life Cycle

- Renew Grace
- No Transfer Period
- Transfer Grace
- Add Grace
- Active/Lock
- Auto Renew Grace
- Redemption Grace
- Pending Delete
- Available

- Pending Restore
Pending Restore

- Restore command is a billable transaction
- Remove the RedemptionPeriod status
- Will not change the Registration Expiration Date
- Auto-Renew batch process will extend the expiration date
- Name on PendingRestore status for 7 days
- Will be included in the zone
- Registrar must submit a Restore Report
Pending Delete

• 5 calendar days
• No other operations can be performed
• Domain name will be deleted in the standard delete batch job
• Daily PendingDelete report to the registrar listing their scheduled date of deletion
• Will NOT be published to the zone
• IDN names, will go thru the same domain life cycle
gTLD ORG Domain Life Cycle

- Renew Grace
- No Transfer Period
- Transfer Grace
- Add Grace
- Active/Lock
- Auto Renew Grace
- Redemption Grace
- Redemption Hold
- Available

- Excess Delete
- Restore Lock
ORG Excess Deletion

• Charge an excess deletion fee on names deleted during the 5-day add-grace period
• Incur fee if deletions exceed: total deletion in Add Grace for given calendar month > 90% of the registrations added
• An excess deletion fee of US$.05 (per domain deleted within that month)
• Precaution against domain tasting
sTLD Travel Domain Life Cycle

- No Transfer Period
- Auth
- Active Lock
- Auto Renew Grace
- Redemption Grace
- Pending Delete
- Available
- Restore
.Travel Authentication

- Authenticated by an Authentication Provider (AP).
- Business or service must fall into at least one of the 20 defined Travel Industry Segments.
- Ensure that business is a legitimate service and product provider in the travel and tourism industry.
- Authenticated, valid Unique Identification Number (UIN) will be provided.
- The UIN can then be presented to a valid .travel Registrar for the registration.
ccTLD Offline Domain Life Cycle

- Document Reminder
- Auto Reject
- Renew Reminder

- Offline Processing
- Active/Lock
- Renewal Grace
- Redemption Grace
- Available

- Approve
- Reject

- Restore
ICANN Registrar Transfer Cycle

- Copy Whois Auth Proof
- Auth Code Initiate

Auth → Pending → Completed

Auto Complete
gTLD Domain Business Activities

- Domain Tasting
- Park Domain With Default NS
- Force Parking
- Drop Pool
- Add Grace
- Active/Lock
- Auto Renew Grace
- Redemption Grace
- Pending Delete
- Available

- Back Order
- Whois privacy
- Secondary Market
# Domain Life Cycle Comparison

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<thead>
<tr>
<th>Suffix</th>
<th>New Registration</th>
<th>Renew Grace</th>
<th>Auto Renewal</th>
<th>Redemption Period</th>
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<td>Grace Period</td>
<td>Refund</td>
<td>Immediate Release</td>
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<td>.com/.net/.org/.biz/.info/.name/.us/.mobi/.IDN</td>
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<td>Yes if within 5 days, else move to RGP</td>
<td>Yes if within 5 days, else move to RGP</td>
<td>Yes if within 5 days, else move to RGP</td>
<td>Yes if within 5 days, else move to RGP</td>
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</tbody>
</table>
Webnic Perspective

• Various Registries, various domain life cycle
• Standardize domain life cycle
• Customize system to incorporate the cycle at registrar and registry solutions
• Registrar tends to go for extensions with similar to gTLD cycle
• Real-time process is preferred
RegistryASP

• Shared Registry-Registrar System (SRS)
• Business Process Automation
  – Cater for various TLDs within single platform
  – Different DLC, grace period, refund, etc
  – Automatic, manual verification, pending order
• DLC management
  – Web-based panel – Registry, Registrar, Registrant
  – API / EPP functions
Thank You

yc.lee@webnic.cc