what is .np

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.NP Registry

ICANN I 55, ccNSO Meeting
Marrakech, Morocco

5-10 March 2016
about Nepal

South-Asia, Landlocked, approx. 27 million population, Federal Democratic Republic, New constitution in 2015 by constitution assembly, Everest and Himalayas, Income- from tourism, agriculture & remittances from Nepalese working overseas, Water resources, but infrastructure yet to be developed, Expanding ICT
.np ccTLD

total .np

47391

February 25, 2016
Delegation of .np

IANA / ICAAN assigned Mercantile Communications as the registrar of .np domain due to the availability of required skilled manpower, ability, IP connectivity and Infrastructure, Name Servers, Email etc!

123 Go o o o!
some stats

Annual registrations, as thos.

Feb 25, 2016
47,391
top extension

Feb 25, 2016
47,391

Top

.com.np
.org.np
.edu.np
.gov.np
.others
Providing free .np service from two decades plus, So far, rules for registering are kept simple and unique to enable all people of Nepal to get the domain. Not a single court case has been raised till now, High level of the community’s appreciation.
1993

Email service tested
Under Joint Venture between Mercantile and RONAST, first email was tested

1994

Website registered .in.
mosnepal.ernet.in and ronast.ernet.in and a few other government sites were setup in Indian (.in) domain.

1995

Connect.com
Connect.com (an Australian upstream link provider, started to provide upstream link for Mercantile Communications
1995

Delegation of .np

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1998

(RS- 6000) Upgraded servers

Initially in 1995 Mercantile started with 2 high-end RISC servers (AS400) for registering .np domains. In 1998, additional servers (RS- 6000) were added for backup and database.

1999

1 mb via VSAT link.

In the year 1999, 1Mb via VSAT was allocated for .np domain and related works/services costing USD 3400 approximate per month.
In 2008, the servers were replaced with few latest high end IBM servers for better services.

The OS were also replaced with the latest version of Red Hat LINUX

By 2012, the number of servers was increased for mirroring, documentations etc.
<table>
<thead>
<tr>
<th>01</th>
<th>Free service</th>
<th>04</th>
<th>Domain for Private Person</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mercantile maintaining primary name server for NP is providing this as a free service to the IT sector of Nepal to encourage Nepali businesses, organizations and individuals to have online presence and will remain so as long as Mercantile continues providing it.</td>
<td>Can be registered upon providing citizenship copy as a proof of Nepali identity.</td>
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</tbody>
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<table>
<thead>
<tr>
<th>02</th>
<th>First come first served</th>
<th>05</th>
<th>Foreign requests</th>
</tr>
</thead>
<tbody>
<tr>
<td>The registration of a domain name is undertaken on a First Come - First Served basis.</td>
<td>Foreign corporation/Multi-national company can only register domain that suggests its company or trade name and cannot register other generic domain. However, the applicant must have registered its company/trade name with Nepal Government.</td>
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<tr>
<th>03</th>
<th>Trade Name</th>
<th>06</th>
<th>No expiry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Any claim to trade name or copyright under .NP domain name is considered valid ONLY if it is registered with an official trade-name / copyright / patent office in Nepal.</td>
<td>The registered domain name does not expire and will be free as long as the holder remains legally qualified for its use.</td>
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</tbody>
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reg. process

Online form
The client fills the online at http://register.mos.com.np

Verification
.np staff/hostmaster will run the client validation and verification process before sending to the .np Administrator for registration.

Document submission
The client has to submit the proof affidavit and reason for the domain registration.

Registration/modification
Administrator will check online database for registration and modification.

Notification mail
client will be notified the status (registration, modification and rejection with a rationale explained)
To provide faster service of np domains, we have 7 slave servers including one anycast server which are hierarchical in nature and placed in different regions around the world.
Development in progress

Paper docs phaseout
Paper documents have been phased out, only digital documents are accepted

DNSSEC in testing
Planning to have test bed for DNSSEC before implementing in live server

Locally developed online portal
Locally developed custom portal.
able to see their entire historical Information

IDN in research
IDN (Internationalized Domain Name) is in research process by our system engineers to be implemented at the earliest.

Working with PAN localization and Madan Puraskar Pustakalaya [MPP] to come up with the script for the IDN implementation.
SWOT

STRENGTH
Manpower, Willing Power, International cooperation, expansion possibility, history, experience and commitment

WEAKNESS
Infrastructure, Planning, Decision making, Human attitude Coordination and cooperation, Business mind Commitment, Knowledge update, Priority

OPPORTUNITY
Rapid growing market, Easy and user friendly technology, Localization, local market Low cost manpower in nepal, Virtual world, Open source, Word wide cooperation

THREATS
Security, Technology Cost, Investment environment, Skilled manpower, Political instability, Lack of knowledge, Unhealthy competition, Policies
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thank you!