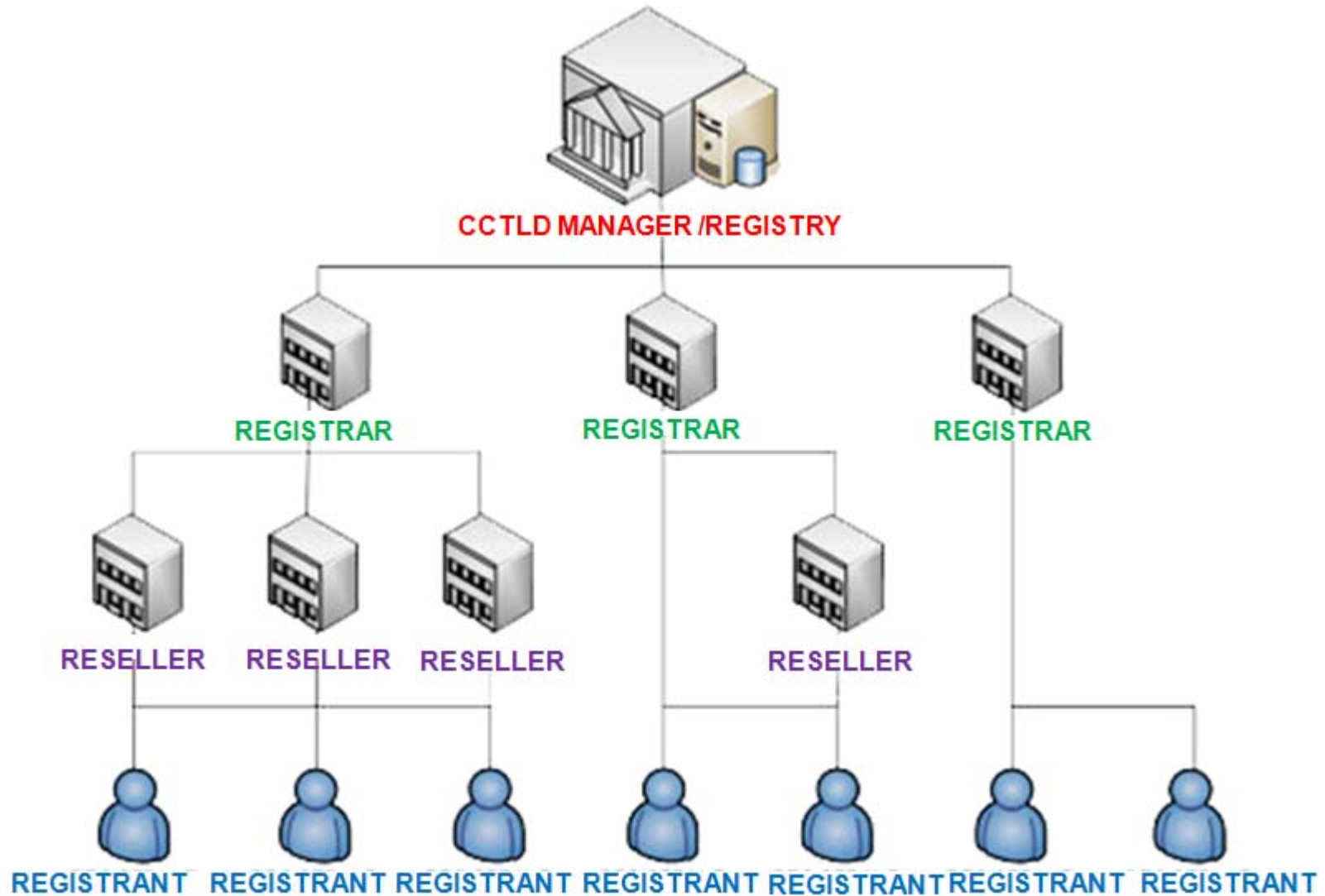


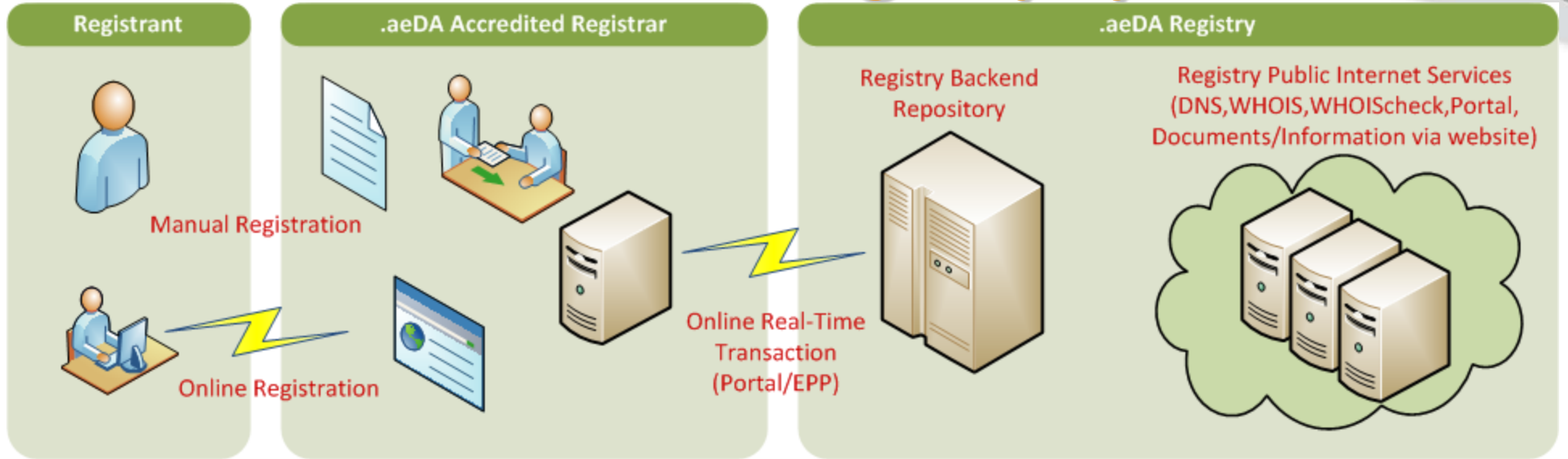
REGISTRY REGISTRAR MODEL



Background

- Internet websites and emails use domain names
- Domain names are based only on English character script
- Accessibility of Internet via native language character scripts such as Arabic does not exist today
- Internet accessibility limitation was identified.
- Initiative was taken to officially use امارات. as the country's representation on Internet via Arabic language

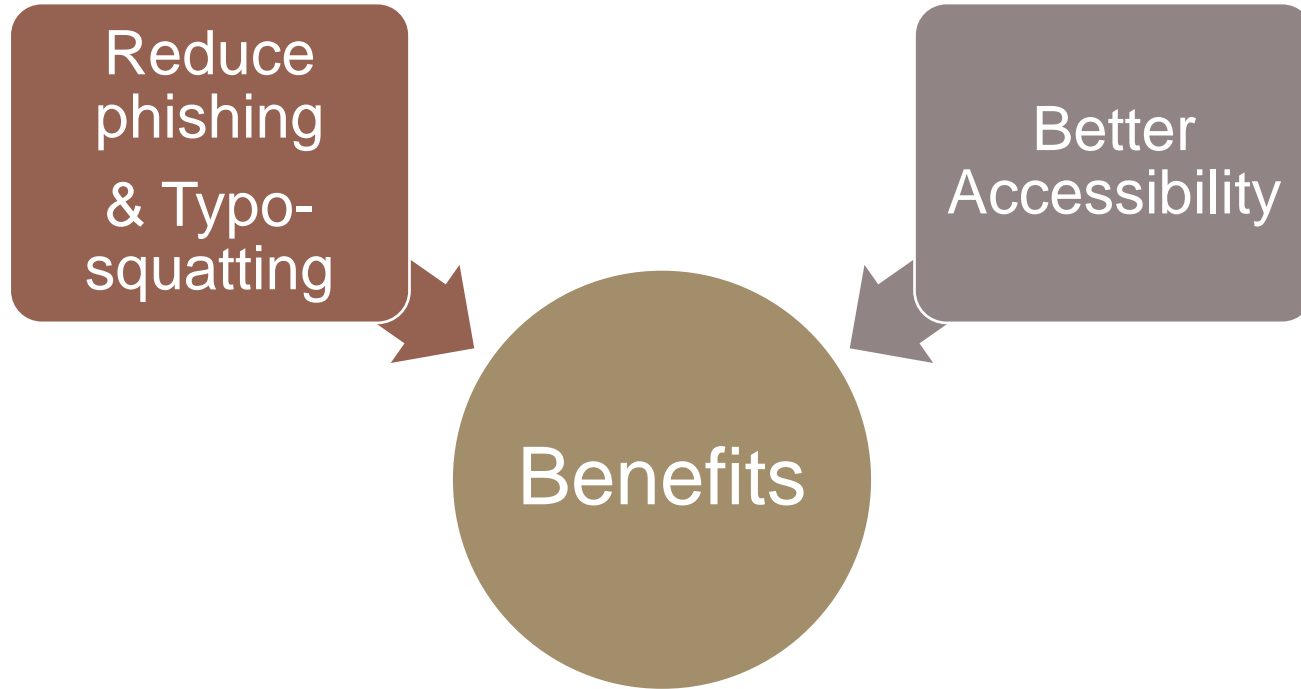
Arabic Enabled Registry System



Domain Creation Transaction

Domain : علوم.امارات
Registrant : محمد سالم
Technical Contact : أحمد محمود
Host : خادم 1. نطاق.امارات
 : خادم 2. نطاق.امارات

Variants



Variants within Arabic Language

Variants in Arabic Languages

U+0627 : ALEF ا

U+0647 : HEH ه

U+064A : YEH ي

Variants in Arabic Languages

U+0625 : ALEF with Hamza below اِ

U+0629 : TEH Marbuta ة

U+0649 : ALEF MAKSURA ى

- ❑ There are some characters in the Arabic language looking visually similar, these are called variants.
- ❑ In order mitigate phishing risks, variants needs to be handled. See above example.
- ❑ Once a registrant registers a domain, variants gets blocked by default, activated as per registrant request

Variants, the great value to community

You register :

هيئة-أبوظبي-للسياحة.امارات

The following are blocked:

هيئة-أبوظبي-للسياحة.امارات

هيئة-أبوظبي-للسياحة.امارات ✓

هيئة-أبوظبي-للسياحة.امارات ✓

هيئة-أبوظبي-للسياحة.امارات

هيئة-أبوظبي-للسياحة.امارات ✓

هيئة-أبوظبي-للسياحة.امارات

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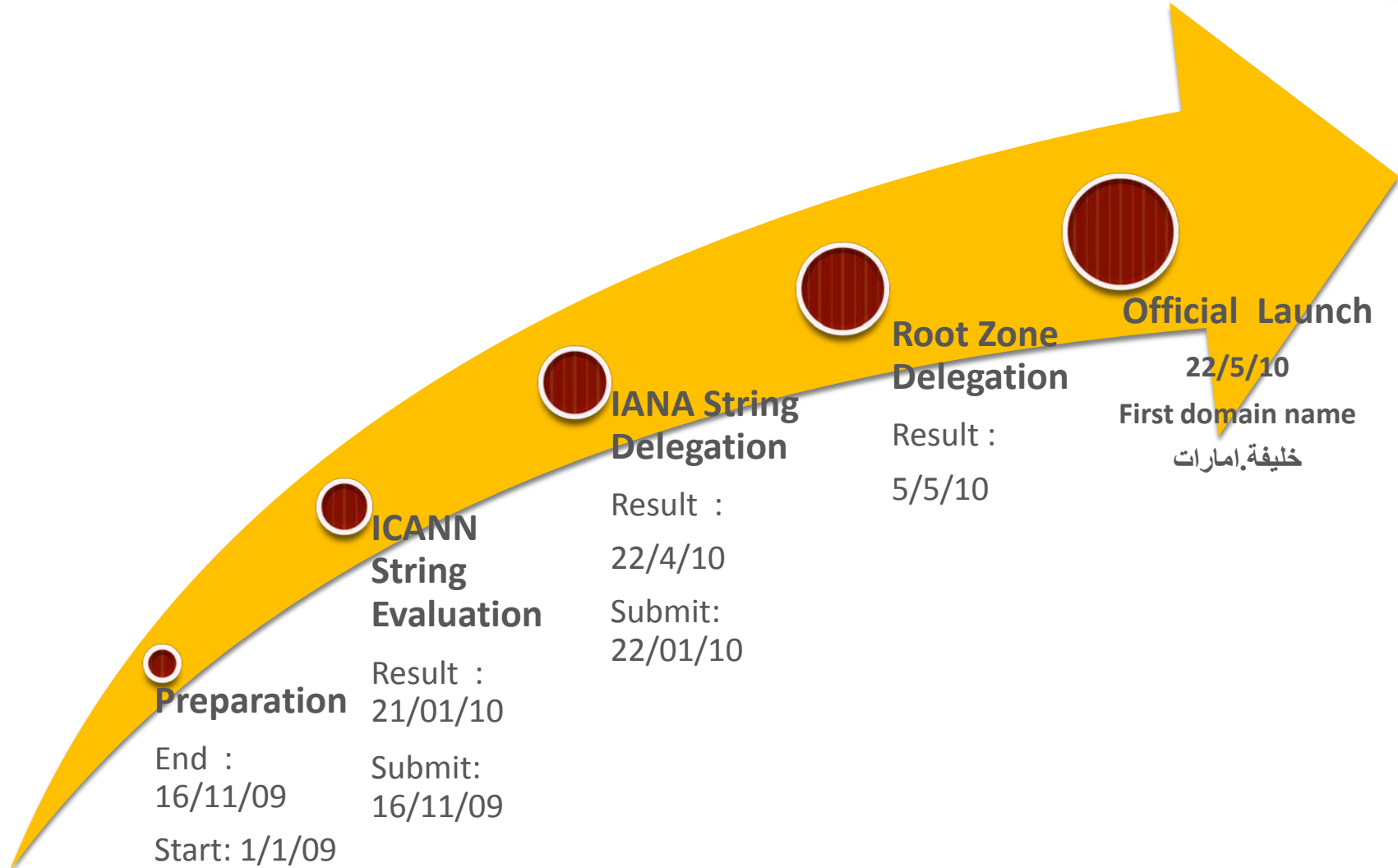
Remember to activate variants in Authorative DNS, Webserver ..etc

IDN ccTLD FastTrack - Background

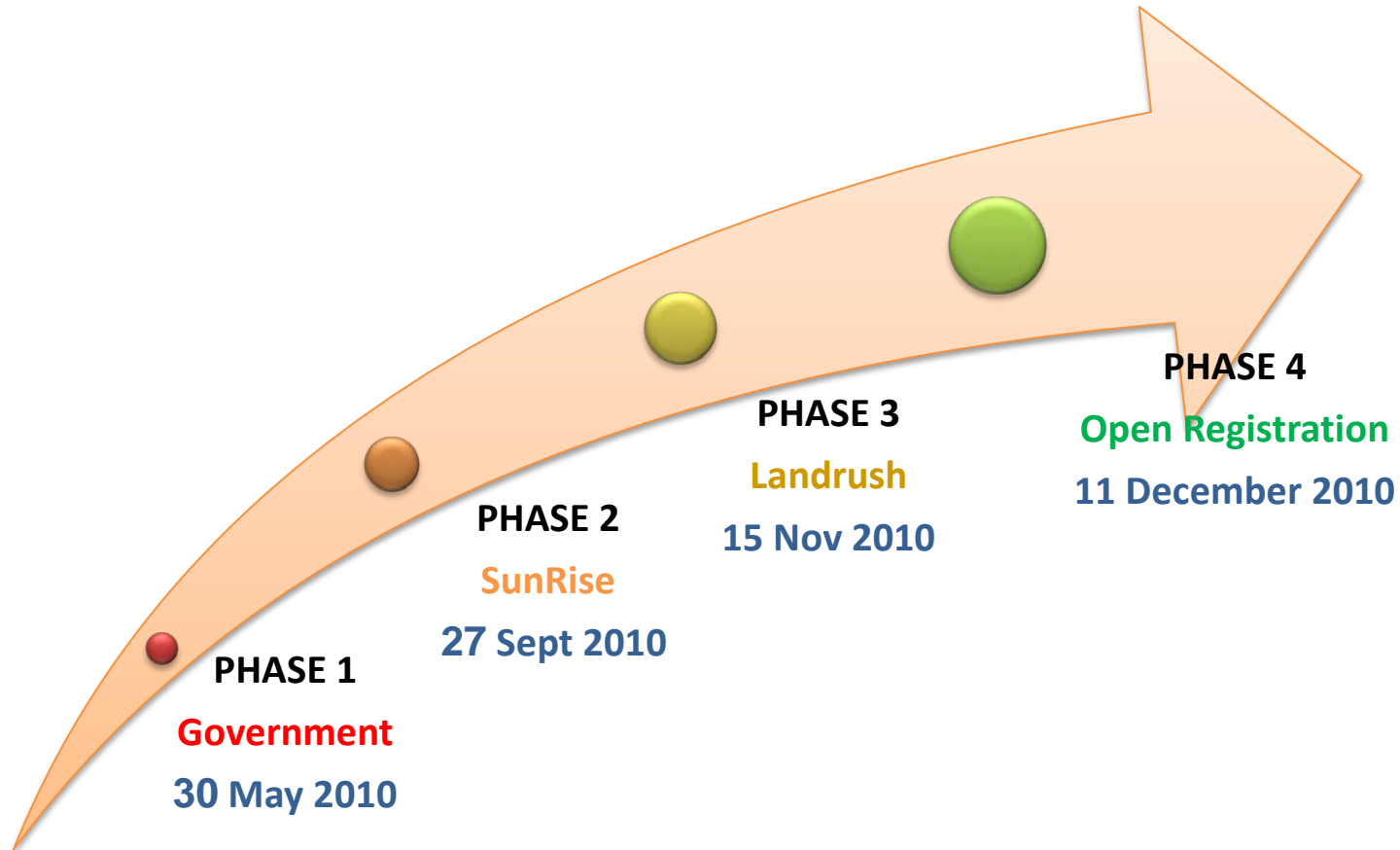
- Consisted of three parts¹:
 1. String Preparation
 2. String Evaluation
 3. String Delegation

1. <http://www.icann.org/en/topics/idn/fast-track/>

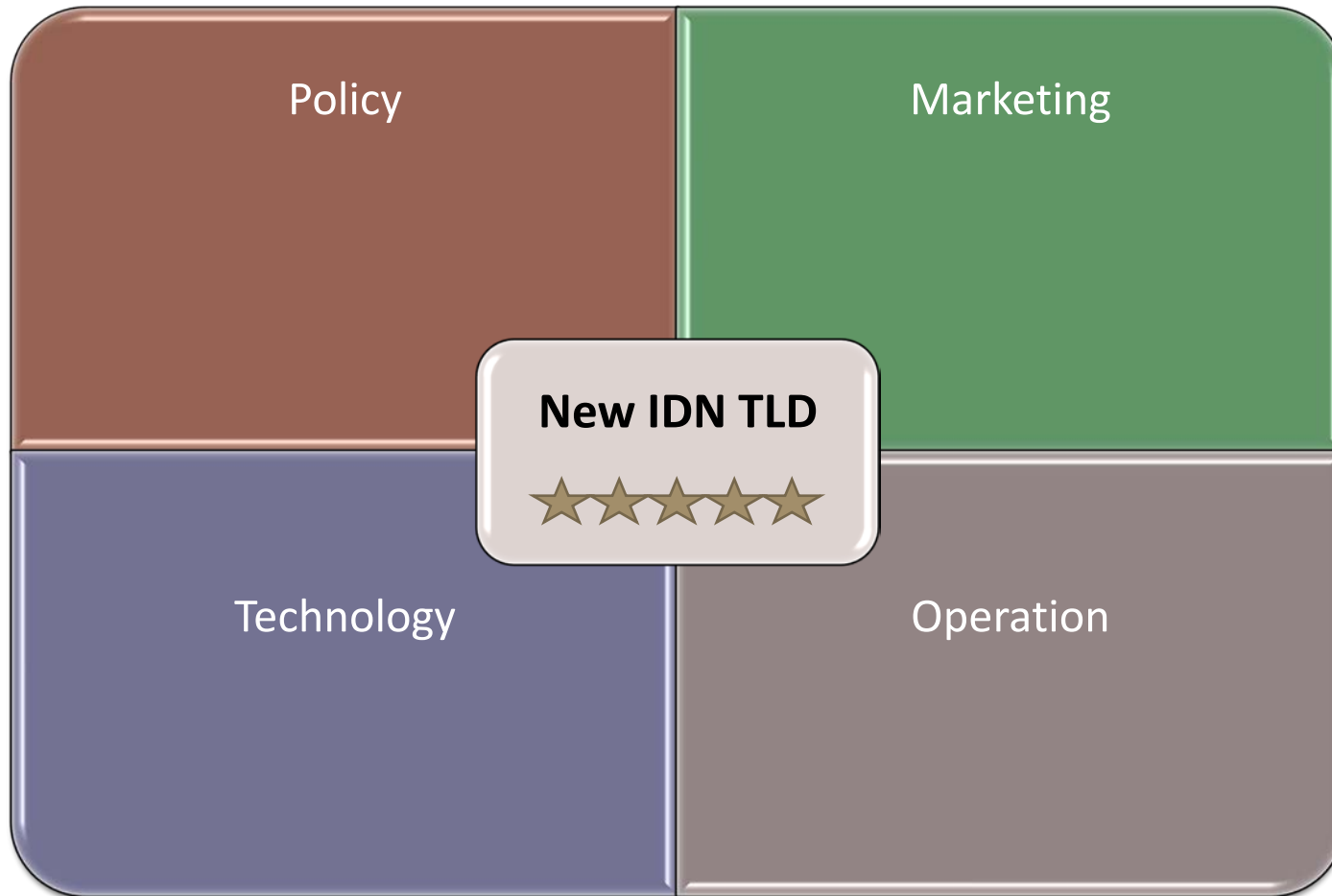
IDN ccTLD FastTrack - Timelines



امارات launch phases



IDN success pillars



Message to Application providers



Keep IDN as simple and user friendly as ASCII domain to your end-user

Thanks

شكراً

Visit **عربي.امارات**

An online educational content about **امارات** Arabic domain name

Interested to contribute to the content? Please email me
alzarooni@aeda.ae