MyAfriNIC Updates



Amreesh D. Phokeer

Software Engineer amreesh@afrinic.net

"Your internet resources management tool within a click"



What is MyAfriNIC?

MyAfriNIC is a web-based portal for AfriNIC members to manage their Internet resources and account interactions with us.



What can you do?

Manage Resources

- IPV4
- IPV6
- ASNUM

Manage Billing

- Billing history
- Payment by Credit Card

- Reverse DNS
- Alerts creation
- Support requests

Other services

Manage WHOIS

- Contact Info
- Organisation
- Domain objects



Updates

New features

- Resource Certification/RPKI (complete)
- DNSSEC (near completion)

Maintenance

- Resolved more that 30 bugs
- Working on fixing new ones



RPKI

Manage Your RPKI Resources

You can manage your RPKI resources from this page

RPKI Operations

View certficates

View ROAs

Issue ROA

View AAOs

Issue AAO

Refresh engine

View Pending Requests



Member Certificate

19-25 Nov 2011

Not Valid Oct 24 2011 21:03:05 GMT Before Not Valid Dec 31 2012 0:00:00 GMT After Subject Key 24:37:CB:ED:9D:10:EC:A3:CD:D0:60:EB:B2:9D:44:27:26:37:A3:0A Identifier **Authority Key** 37:4E:80:22:84:C3:31:BC:F6:A6:28:2B:FD:DD:B7:98:F2:B3:74:79 Identifier 1C://rpki.afrinic.net/repository/04E8B0D80F4D11E0B657D8931367AE7D Authority Information /N06AloTDMbz2pigr d23mPKzdHk.cer Access caRepository - rsync://rpki.afrinic.net/member repository/F3634D22 Subject /92EF8890119911E0A59EB577833A7E19/ rpkiManifest - rsync://rpki.afrinic.net Information /member repository/F3634D22/92EF8890119911E0A59EB577833A7E19 Access /JDfL7Z0Q7KPN0GDrsp1EJyY3owo.mft 196.1.0.0/24, 196.2.3.0/24, 196.6.0.0/24, 196.43.252.0/22, 196.216.2.0/23, IPv4 196.216.168.0/23, 196.216.254.0/24, 2001:42d0::/32, 2001:43f8:0090::/48, 2001:43f8:00d0::/48, 2001:43f8:0110::/48, IPv6 2001:43f8:0120::/48. **ASNum** 33764, 37177, 37181, 37301, 37388, 327681, CRL rsync://rpki.afrinic.net/repository/89208CE4119211E0B3FFDB1BAE001804 Distribution /N06AloTDMbz2pigr d23mPKzdHk.crl Point

Issue ROA

id 579

Name AfriNIC_Anycast

revoked No

rsync://rpki.afrinic.net/member_repository/F3634D22

product-url /92EF8890119911E0A59EB577833A7E19

/84C4600A6C2111E0AD76AD5AA9EF3AB0.roa

as-number 37177

not-before 2011-01-01 16:12:40

not-after 2012-12-31 16:12:40

ipv4 196.216.168.0/24

ipv6 2001:43F8:120::/48

Revoke



BPKI Certificate

Issued To

Common Name (CN) AP15-AFRINIC

Organization (O) AfriNIC LTD

Organizational Unit (OU) < Not Part Of Certificate>

Serial Number 22:38:D7:0E:26:79:9C:5B

Issued By

Common Name (CN) memberca

Organization (O) memberca

Organizational Unit (OU) < Not Part Of Certificate>

Validity

Issued On 4/6/11

Expires On 4/5/13

Fingerprints

SHA1 Fingerprint B2:AC:34:4F:4B:FF:7C:99:08:1D:BB:A1:1B:04:60:98:4C:AC:BC:56

MD5 Fingerprint 72:84:45:90:7D:C8:90:76:40:23:7E:A1:26:EF:8D:A1



DNSSEC

DNSSEC on MyAfrinic

Phase I- (complete)

- Enable members to add DS records on MyAfrinic
- Automatically update parent zone

Phase 2- (currently underway)

 Enable members to add "ds-rdata" attributes to domain objects directly in the whois database via email.



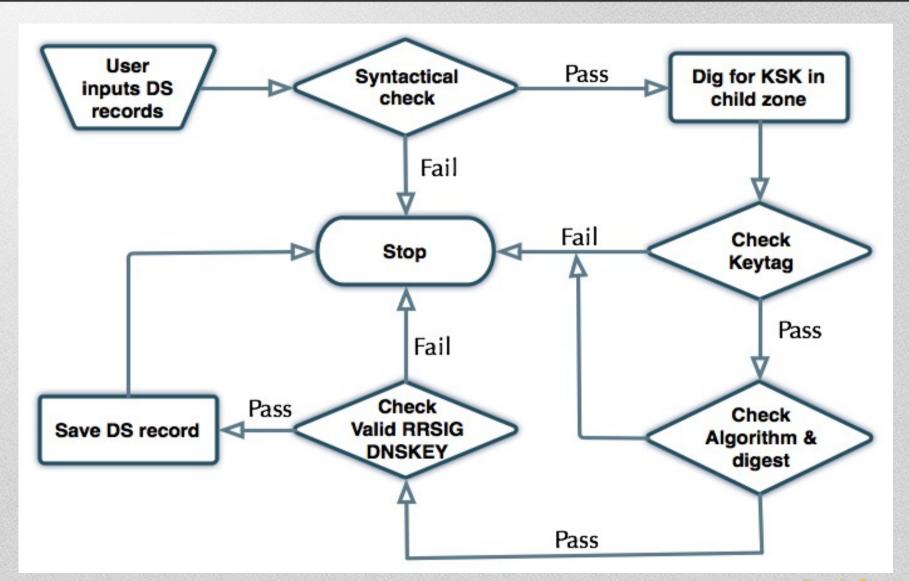
DNSSEC

Edit RDNS Reverse Zone: 2.216.196.in-addr.arpa Reg Date: 2011-11-11 Provide the primary and secondary name servers for this reverse delegation [Please note: we need the hostname(s) here, * Name Servers: not the ip address(es)] dnssec.mu.afrinic.net [More | Less] Fields Provide Delegation Signer Resource Records Delegation Signers: 42971 8 1 EBDA3B95351D1F2406D24A6BF91D2DB3F015EB91 42971 8 2 1B447367A8D2F9A787C9EEC0FB3FEFD486915CACFEF3EF8F9DBE1AA69DA710DB

[More I Less] Fields



DS Record Validation





In the pipeline

E-Voting – (Afrinic 16)

- Allow valid members to vote online
- Semi-automatic proxy generation

MyAfriNIC 2.0 – (still brainstorming)

- Add new AJAX widgets to improve user experience
- MyAfriNIC mobile apps on iOS and Android





19-25 Nov 2011

Help & Support

Activate Account myafrinic-activate@afrinic.net

Report any bug myafrinic-admin@afrinic.net

Suggestions/Ideas dev-team@afrinic.net



Questions?

Thank You!

