

# Resource Management System Working Group Update



**Shin Yamasaki**

**Chair, Resource Management System  
Working Group ([wg-rms@lists.apnic.net](mailto:wg-rms@lists.apnic.net))**

# About RMS WG

- Chair: Shin Yamasaki
- Period: From APNIC 22 to APNIC 23  
(Not determined after APNIC 23)
- Participants: 4 active, 27 mailing list subscribers
- Draft charter:
  1. Give recommendation to Policy SIG for prop-037
  2. Have discussion for deployment of the new APNIC reverse DNS management system
  3. Have discussion for dependability of the APNIC resource management system

# 1. Recommendation

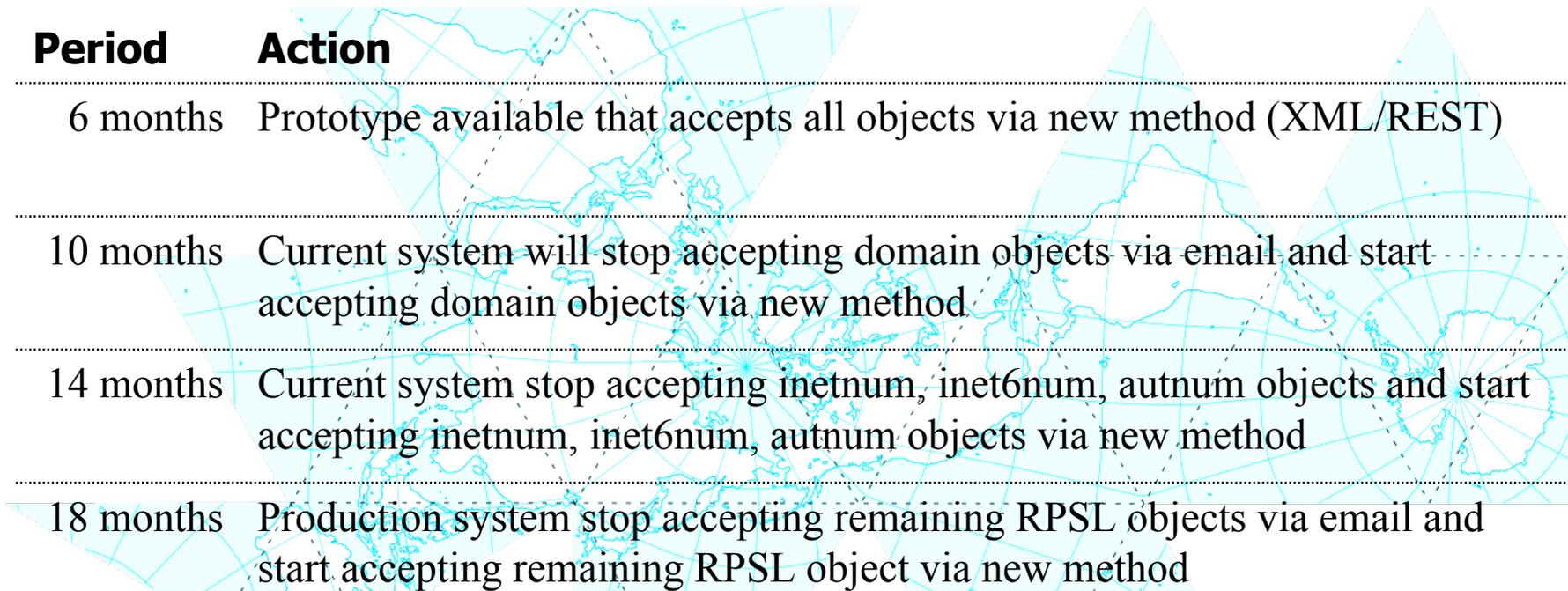
Recommendation from the Resource Management System Working Group (WG) is as follows:

*Policy SIG should discuss:*

- Updated schedule (shown in section 2) proposed by APNIC secretariat
- With the considerations proposed by the WG members (shown in section 3.)

# 2. Proposed schedule

## from APNIC secretariat (prop-037-v002)



<b>Period</b>	<b>Action</b>
6 months	Prototype available that accepts all objects via new method (XML/REST)
10 months	Current system will stop accepting domain objects via email and start accepting domain objects via new method
14 months	Current system stop accepting inetnum, inet6num, autnum objects and start accepting inetnum, inet6num, autnum objects via new method
18 months	Production system stop accepting remaining RPSL objects via email and start accepting remaining RPSL object via new method

After posted this schedule, no comments has been raised from WG members.

# 3. Considerations

## *from member side*

### a. Cost and resource impact

APNIC's proposal affects automated e-mail based in-house system in some LIRs or NIRs. Cost and resource impact for such organizations would be significant.

### b. Secure e-mail

Developing secure e-mail should be considered. The reasons are backward compatibility for members using in-house e-mail based system as well as security.

# 3. Considerations

*from member side (cont.)*

## c. Tools for migration and/or compatibility

APNIC should consider preparing tools for migration or for backward (e-mail) compatibility.

# 3. Considerations

*from APNIC secretariat*

## d. Spam load

- Need to handle large amount of spam that has impact to its operation

- Incoming e-mail has to be unfiltered due to risk of losing e-mail.

As a result, the mail robot is under high load and may cause delay of processing. Deprecation of e-mail solves this.

# 3. Considerations

*from APNIC secretariat (cont.)*

## e. Maintenance impact for legacy software

E-mail registration feature is from RIPE whoisd-derived software. Maintenance of the software code has significant impact to APNIC secretariat.

## f. Cost impact for secure e-mail development

Cost for developing secure e-mail registration system would be substantial. Also, it requires to keep current RIPE whoisd-derived software with modification.

# Next Step

- Keep this WG open for other topics?
- Or close?



# Questions / Comments

