

Issues raised by ops in JP

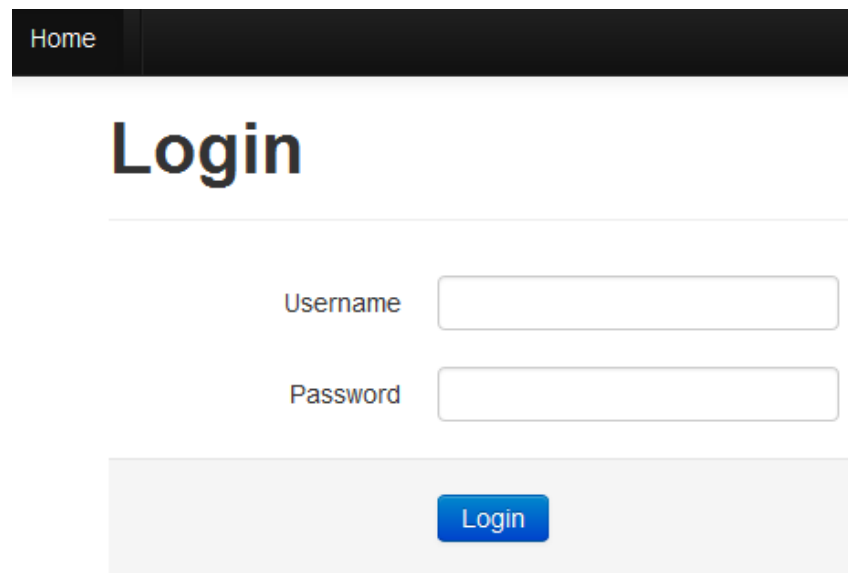
– APOPS RPKI Operators Panel –

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Experimental RPKI CA and GUI for LIR

- <https://rpki.nic.ad.jp/>



The screenshot shows a web interface for logging in. At the top, there is a dark navigation bar with the word "Home" in white. Below this, the word "Login" is displayed in a large, bold, black font. Underneath the title, there are two input fields: "Username" and "Password", each with a corresponding text box. At the bottom of the form area, there is a blue button with the word "Login" in white text.

- For trying operations in/between ISP
- For designing and planning in JPNIC

RPKI related events in JP

RPKI hands-on	Apl 26 Fri 2013 in ENOG20 (Echigo) May 27 Thr 2013 for electric power companies
RPKI session as JANOG34 tutorial	Jul 3 Wed 2013 in JANOG32
JANOG RPKI routing WG	Jul 5 Fri 2013 in JANOG32
Inter-Domain Routing Workshop	Aug 22 Thr 2013

RPKI hands-on

- RPKI configurations trial and discussed on how RPKI make changes on their operations.
 - ENOG20, 14 attendees
 - Electric power companies, 20 attendees



IP address management in ISP

- Impression on RPKI operation
 - Some ISPs (mainly electronic power companies) answered they can do ROA operation along with their IP address management.
- Raised issues
 - How IP registry system, IRR and RPKI should be provided for LIR?
 - Who will manage ROA (has a part of routing information) when customer is the owner of IP address?

Routing operators in ISP

- Raised issues

- Covering rate (routes per ROA) may be a trigger for putting RPKI configurations on routers
- When they face “Invalid ROA” for valid routes, snapshot for ROA maybe useful to repair intentionally advertised routes
- “Invalid ROA” is also useful to find events should be notified to operators

Ops are VIP in RPKI

Collaborated operation will make successful deployment of RPKI

- Between IP address management and routing operators
- IRR and RPKI

and how we can RPKI useful (visualizing, notification trigger, tools for overview of global routing operation)