

**(APNIC Project)**

# **Developing a Collaborative BGP Routing, Analyzing and Diagnosing Platform**

**The Second Technical Committee Meeting**

**June 20, 2022**

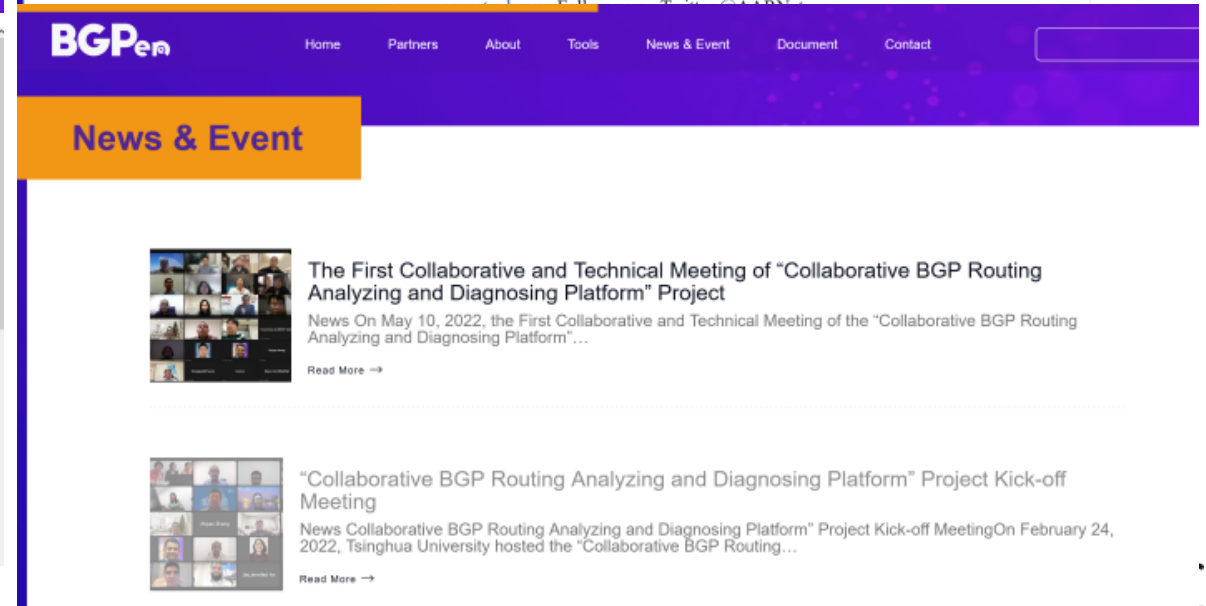
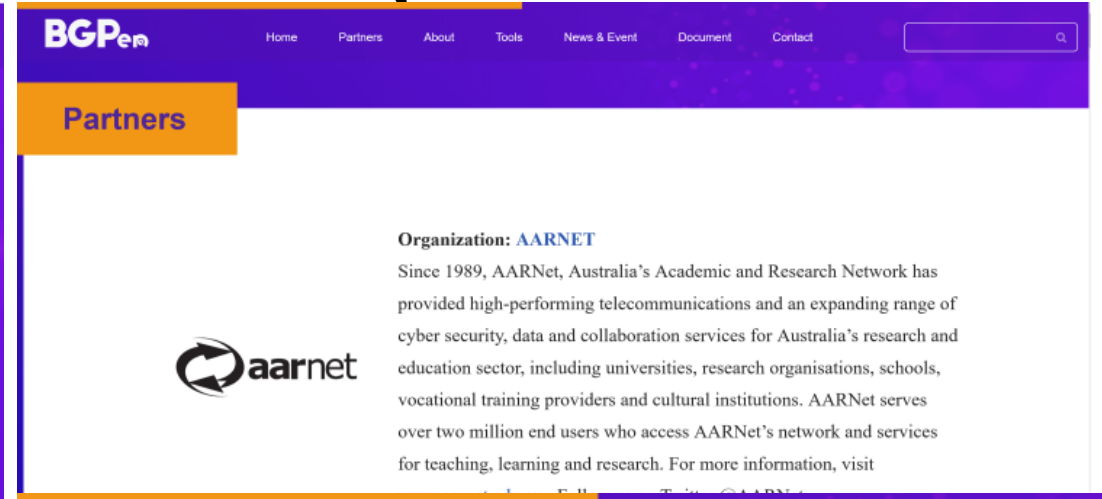
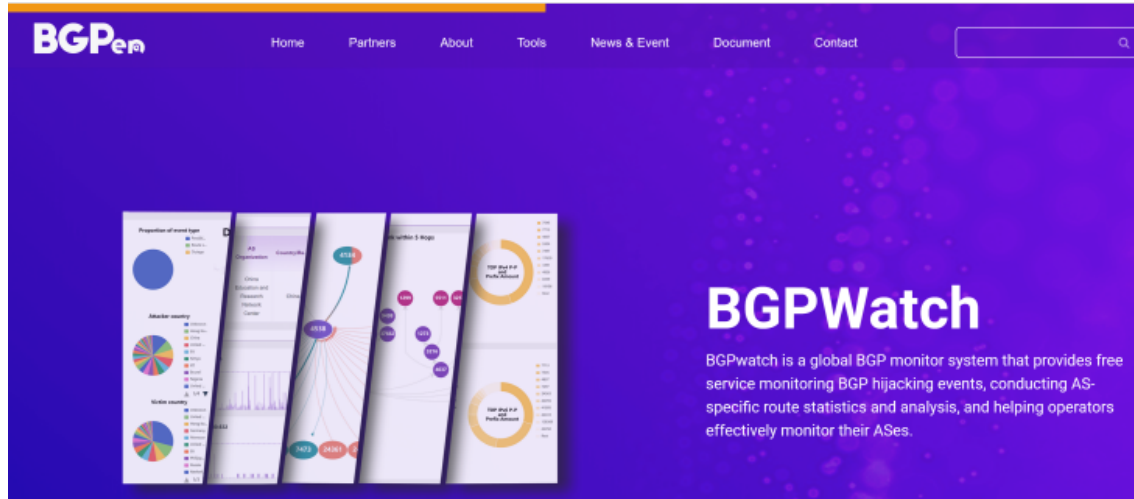
# Outline

- **Project Progress**
  - Web site
  - BGP sharing
  - BGP platform
- **Plan for next month**
- **Review overall work plan**
- **Comments/Suggestions**

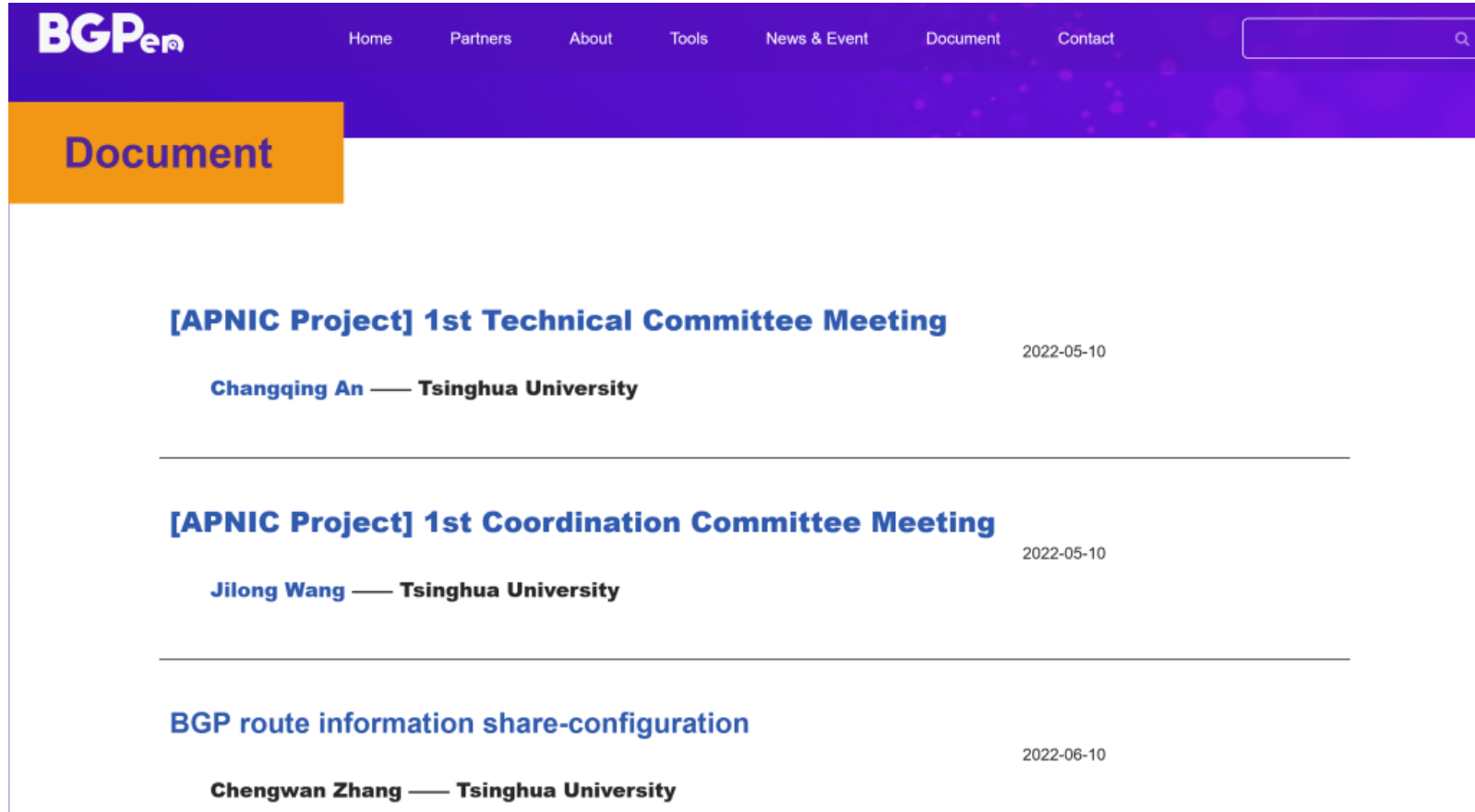
# Web Site

<https://bgper.net>

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# BGP Route Information Sharing

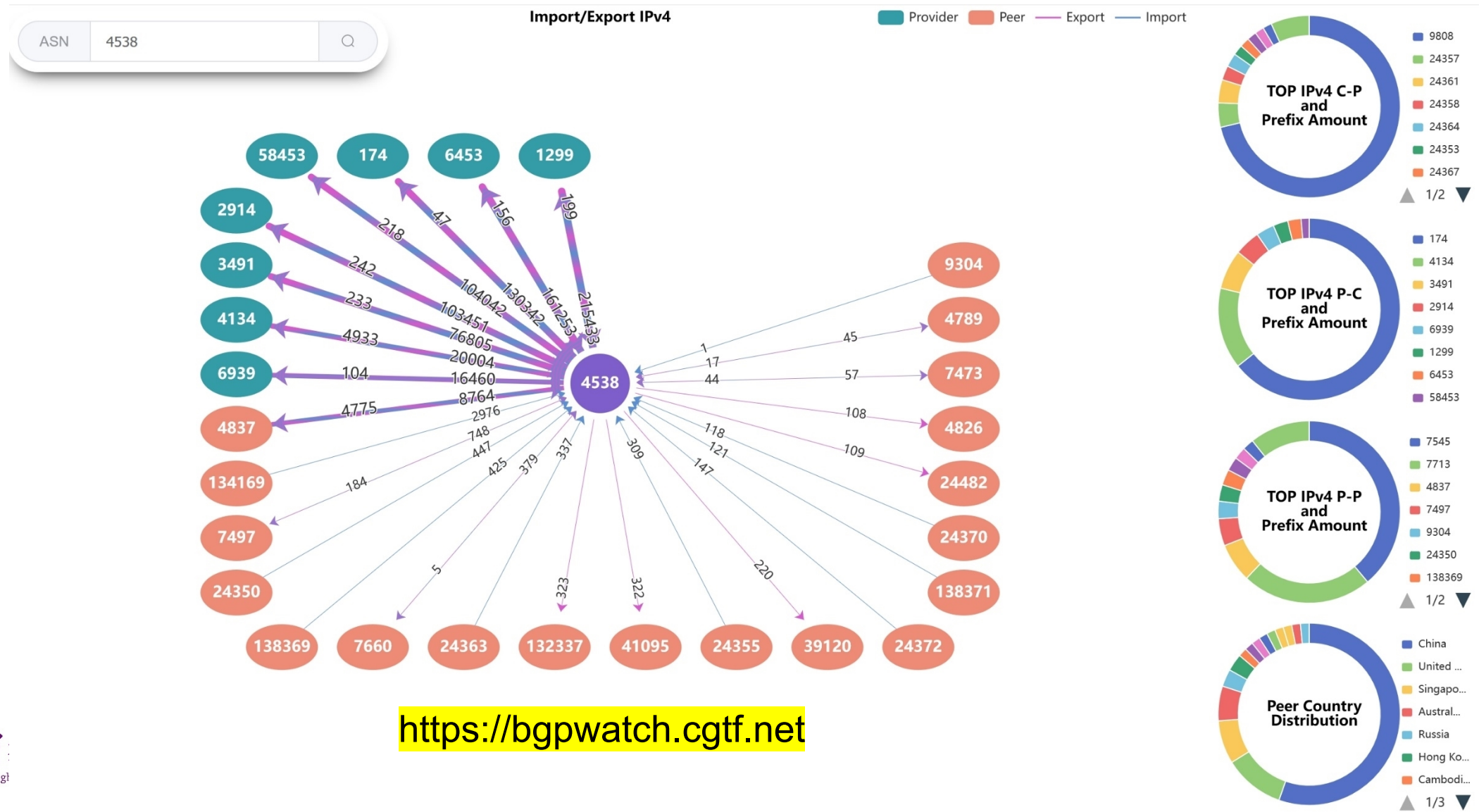


The screenshot shows the BGPper website's 'Document' page. The header is purple with the BGPper logo and navigation links: Home, Partners, About, Tools, News & Event, Document, and Contact. A search bar is on the right. The 'Document' section is highlighted in orange. Below, three documents are listed, each with a title, author, and date, separated by horizontal lines.

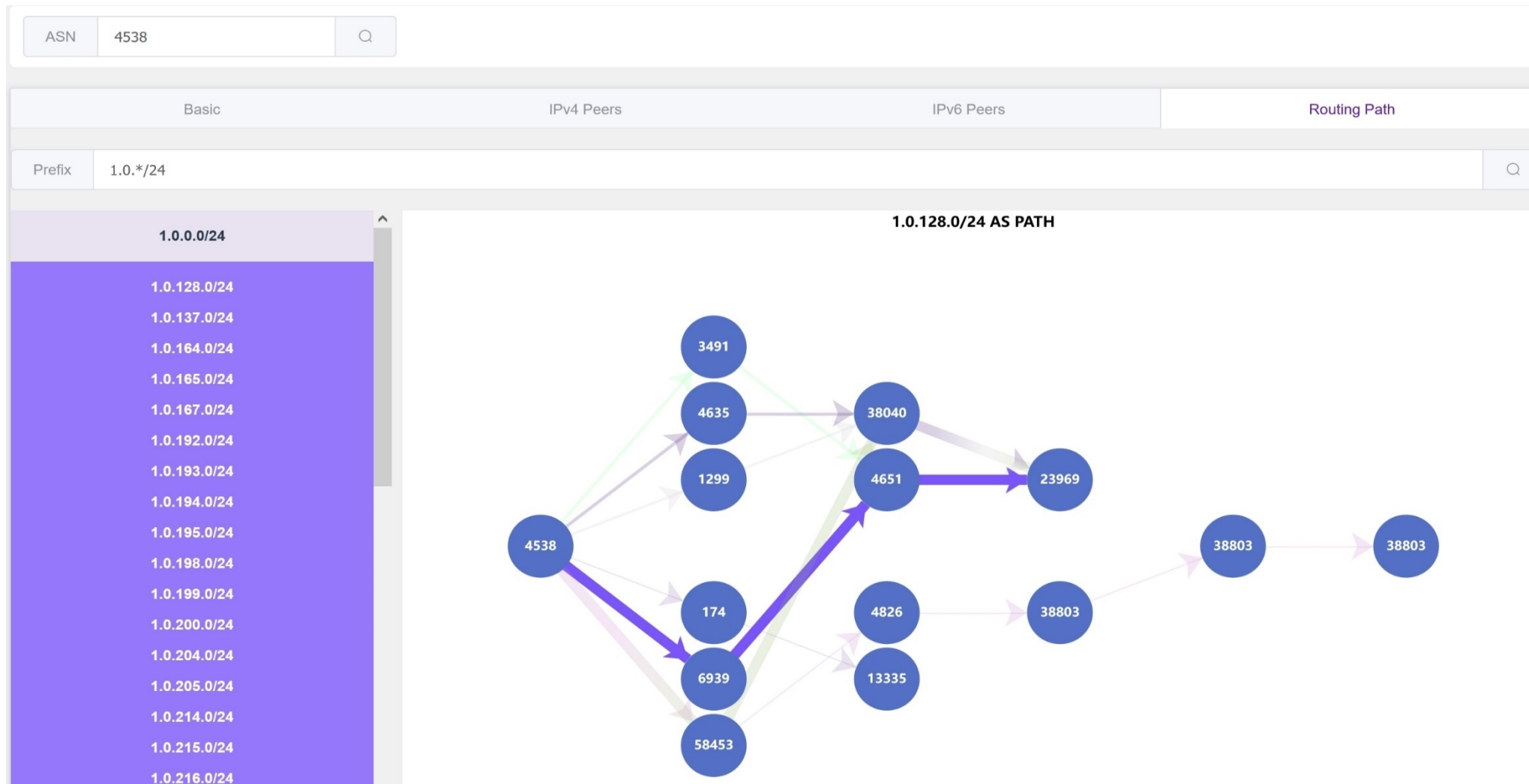
Document Title	Author	Date
<b>[APNIC Project] 1st Technical Committee Meeting</b>	Changqing An — Tsinghua University	2022-05-10
<b>[APNIC Project] 1st Coordination Committee Meeting</b>	Jilong Wang — Tsinghua University	2022-05-10
<b>BGP route information share-configuration</b>	Chengwan Zhang — Tsinghua University	2022-06-10

Manual can be accessed at  
<https://www.bgper.net/index.php/document/>

# IPv4/IPv6 Peers and Import/Export Prefix



# Routing Path Search



<https://bgpwatch.cgtf.net>

# Plan for next month

- User registration
- Partners can register for their AS, Prefix
- Send alarm message to the victim

	Detailed Technical Committee Work Plan	Tentative Timeline
Timeline	Discussion on timeline	May
Project Web Site	Requirements/Design	May
	Partner information	May
	Setting up project website	May
BGP Routing Information Sharing	Requirements/Design (email, Slack)	May-June
	Document info (how to implement, what partners need to do)	May-June
	Implement the peering (meeting, email, Slack)	May-June
Looking Glass Platform	Requirements/Design (email, Slack)	August
	Document info (how to implement, what partners need to do)	
	Implement the connection with LG platform (meeting, email, Slack)	
Hijack Detection and Mitigation	Problem and requirement sharing (meeting, email, Slack)	June
	Confirm first stage functions	July
	Iterative feedback & development	July 2022 – July 2023
Research	Discussion on research topic, paper, technical document	July 2022 – July 2023
Knowledge Sharing	Any relevant topic partners are interested in e.g. Problems, RPKI, BGPSEC, MANRS	Regularly





# To-do List

	Detailed Technical Committee Work Plan	Tentative Timeline	To-do
BGP Routing Information Sharing	Document info (how to implement, what partners need to do)	June-July	<b>Executive Team:</b> send manual to partners, discuss with each partner, and implement the peering. <b>Partners:</b> setup peering.
	Implement the peering (meeting, email, Slack)		
BGP Platform	Iterative feedback & development		<b>Partners:</b> Test new services <b>Executive Team:</b> Software Development

# Comments/Suggestions

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