What type of organisation are you from?

42
NREN / regional network operator

1
Campus network operator

11
University / network researcher

2
Industry / vendor

2
Other

58

What tools or protocols are you using for network monitoring today?
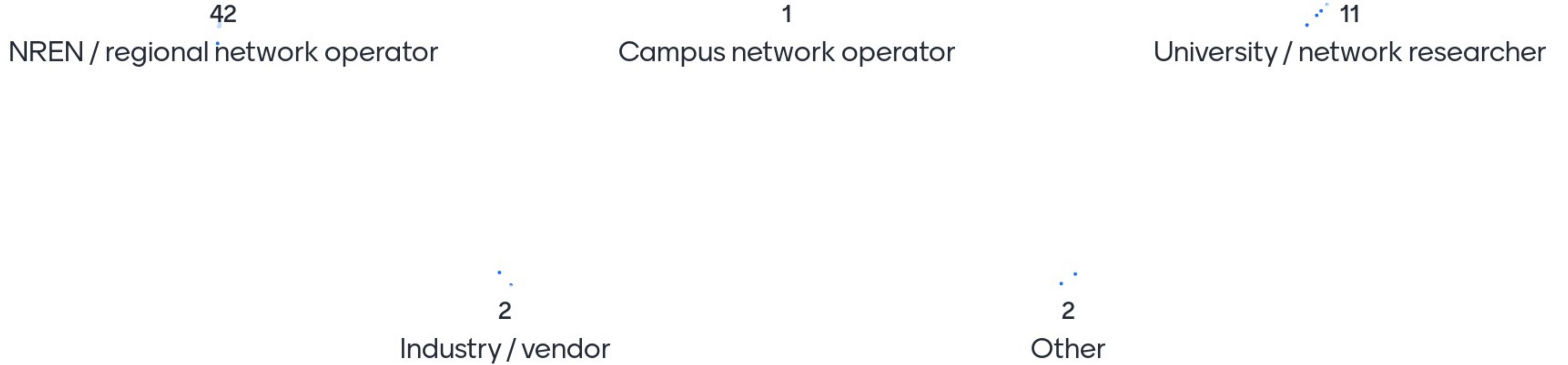
What are your key network monitoring challenges today?

Data Analysis

data deluge

Data Analysis

multi layer correlation

resolution

unsampled netflow

high speed monitoring

Big data storage and analysis

Keeping monitoring configuration consistent with an evolving network

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What are your key network monitoring challenges today?

scale

Data analysis

Router capabilities/limits

snmp

using monitoring to get the right alarms

analytics

Granularity

Per Flow Resolution

Knowledge traffic issues

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What are your key network monitoring challenges today?

inter-domain visibility,analyze large scale data,

Big data, and high capacities

avoiding tool fragmentation

Balancing BAU maintenance with innovation and development

too many different tools

granularity

Analyzing data

instant monitoring

analyse microburst etc.

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What are your key network monitoring challenges today?

Lack of granularityRetrospective, smoother data

Data Analysis

Data Analysis

Security Analysis

retention & storage

End-to-end monitoring and performance prediction

monitor user experience

visualisation

Configuring telemetry

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What are your key network monitoring challenges today?

bugs in JunOS

relevant data sampling

smoothing

Old tools

High speed monitoring

availability

micro dependability scaling big data reducing telemetry data

SNMP drops

higher granularity

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What are your key network monitoring challenges today?

Cybersecurity

granularityoverview

multi domein end to end measurements

parsing data for reporting

having a single approach to data collection, applicable to all locations

flexibility

standard interface from data sources across domains

multi-domain monitoring

Relevant Data Sampling

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What are your key network monitoring challenges today?

finding the right tool for the right job

finding experts and programmers

visualising

QoS microbursts (queue depth)

Scalable processing of many (net)flows

Alert trigger selection

automation

poor visibilty of detail from implemented tools

End-to-end monitoring

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What are your key network monitoring challenges today?

scalability

data filtering, alarming with less noise, good visualisation, not too much tools

old tools, new hardware

old hardware, new tools

low granularity

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