

# Werkgroep Clearinghouse update

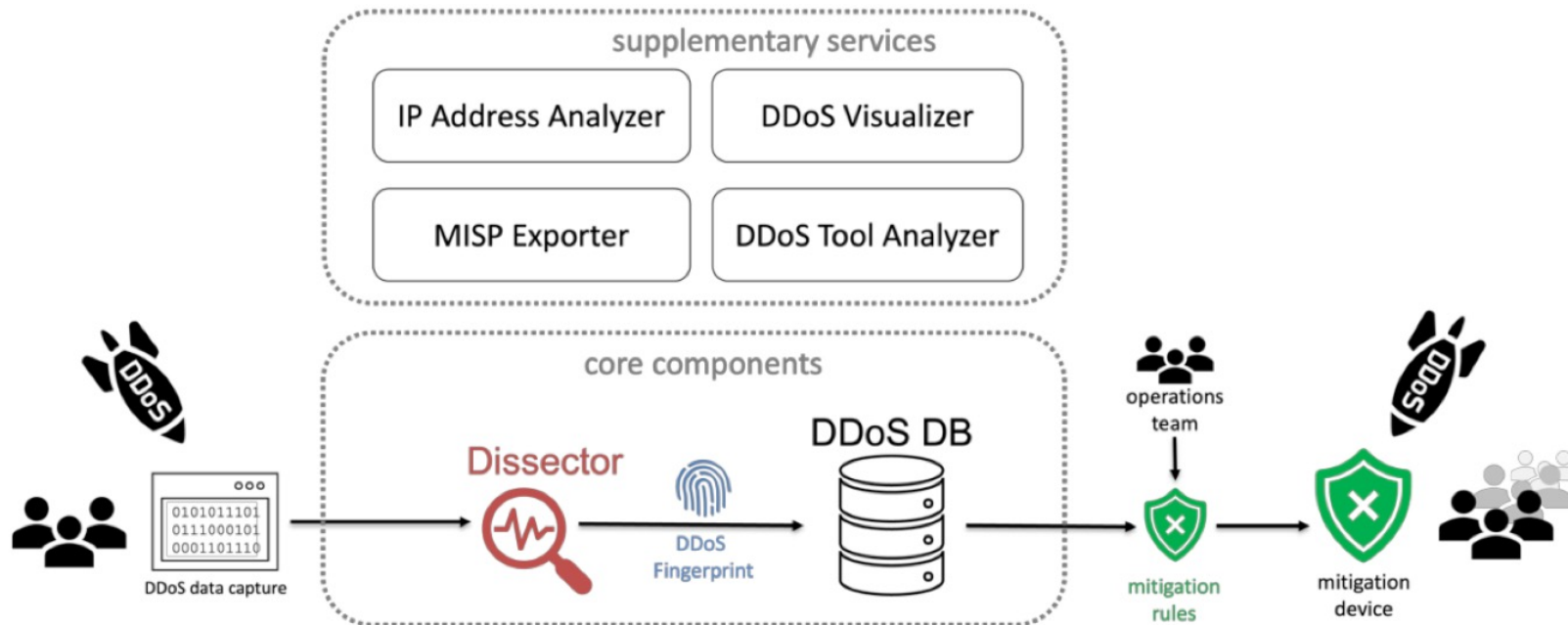
Thijs van den Hout

Plenaire bijeenkomst | Utrecht, 20 maart 2024



# DDoS Clearing House

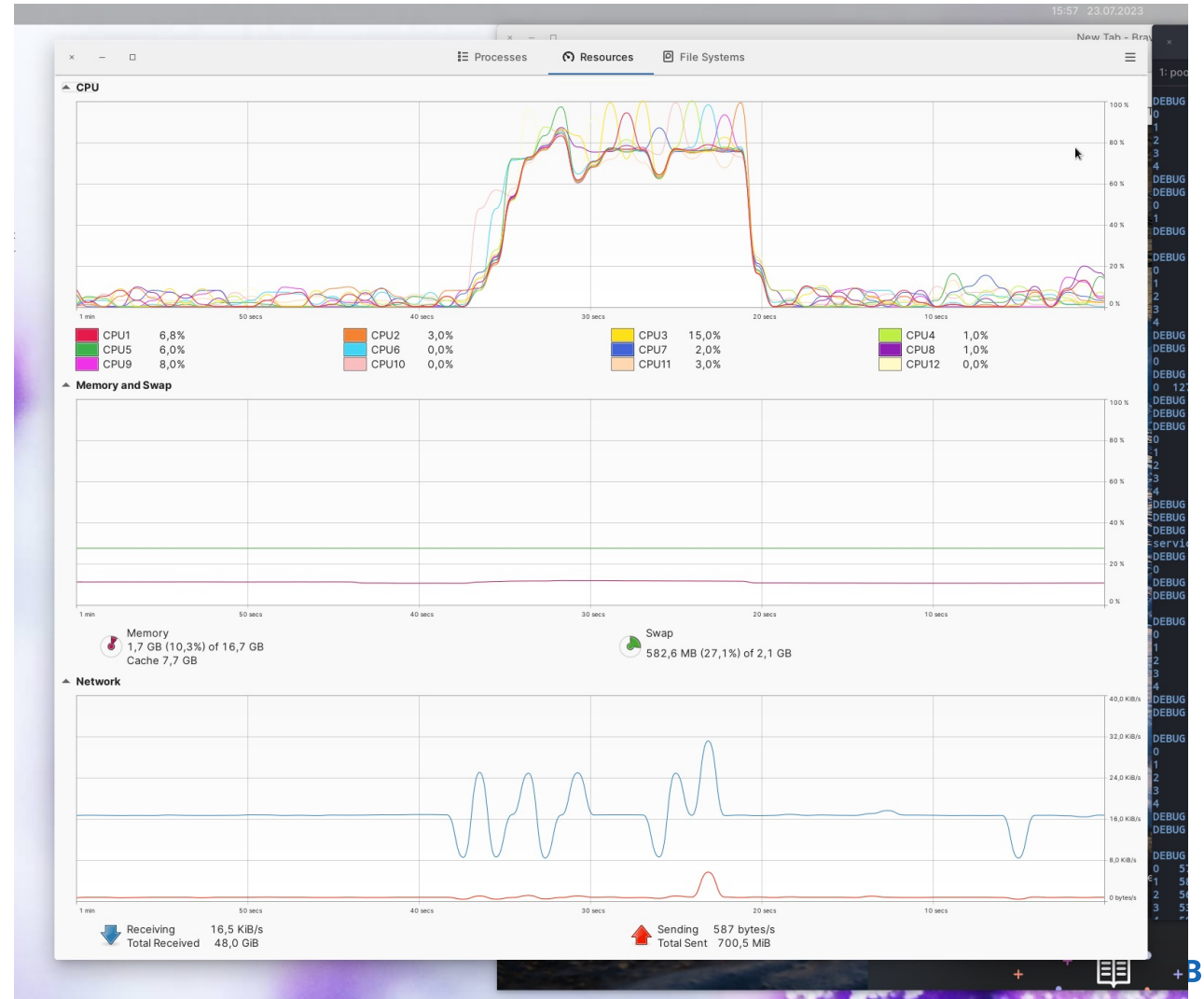
- DDoS attacks are repeating across organisations
- Sharing of DDoS metadata between participants
- Proactively combat DDoS attacks



```
{
  "attack_vectors": [
    {
      "service": null,
      "protocol": "UDP",
      "fraction_of_attack": 1.0,
      "source_port": "random",
      "destination_ports": {
        "3650": 1.0
      },
      "tcp_flags": null,
      "nr_packets": 59770,
      "nr_megabytes": 2,
      "time_start": "2022-10-26T11:32:58.263795+00:00",
      "duration_seconds": 18,
      "source_ips": [
        "109.74.195.132",
        "97.107.135.252",
        "198.74.49.28",
        "172.105.209.31",
        "172.105.54.184"
      ],
      "ethernet_type": {
        "IPv4": 1.0
      },
      "frame_len": {
        "42": 1.0
      },
      "fragmentation_offset": {
        "0": 1.0
      },
      "ttl": {
        "55": 0.805,
        "53": 0.195
      }
    }
  ],
  "tags": [
    "UDP",
    "UDP flood attack"
  ],
  "key": "f2b689051c7a22dff37ff663f47b4133",
  "time_start": "2022-10-26T11:32:58.263795+00:00",
  "time_end": "2022-10-26T11:33:16.398928+00:00",
  "duration_seconds": 18,
  "total_packets": 59770,
  "total_megabytes": 2,
  "total_ips": 4,
  "avg_bps": 1115706,
  "avg_pps": 3320,
  "avg_Bpp": 42
}
```

# Sinds de vorige plenaire bijeenkomst...

- Verbeteringen in DDoS Dissector



# Sinds de vorige plenaire bijeenkomst...

- Verbeteringen in DDoS Dissector
- Tweede Collaborative DDoS Mitigation event



# Sinds de vorige plenaire bijeenkomst...

- Verbeteringen in DDoS Dissector
- Tweede Collaborative DDoS Mitig
- Samenwerking I&A opgestart

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# Sinds de vorige plenaire bijeenkomst...

- Verbeteringen in DDoS Dissector

## Collaboratively Increasing the DDoS-Resilience of Digital Societies Through Anti-DDoS Coalitions

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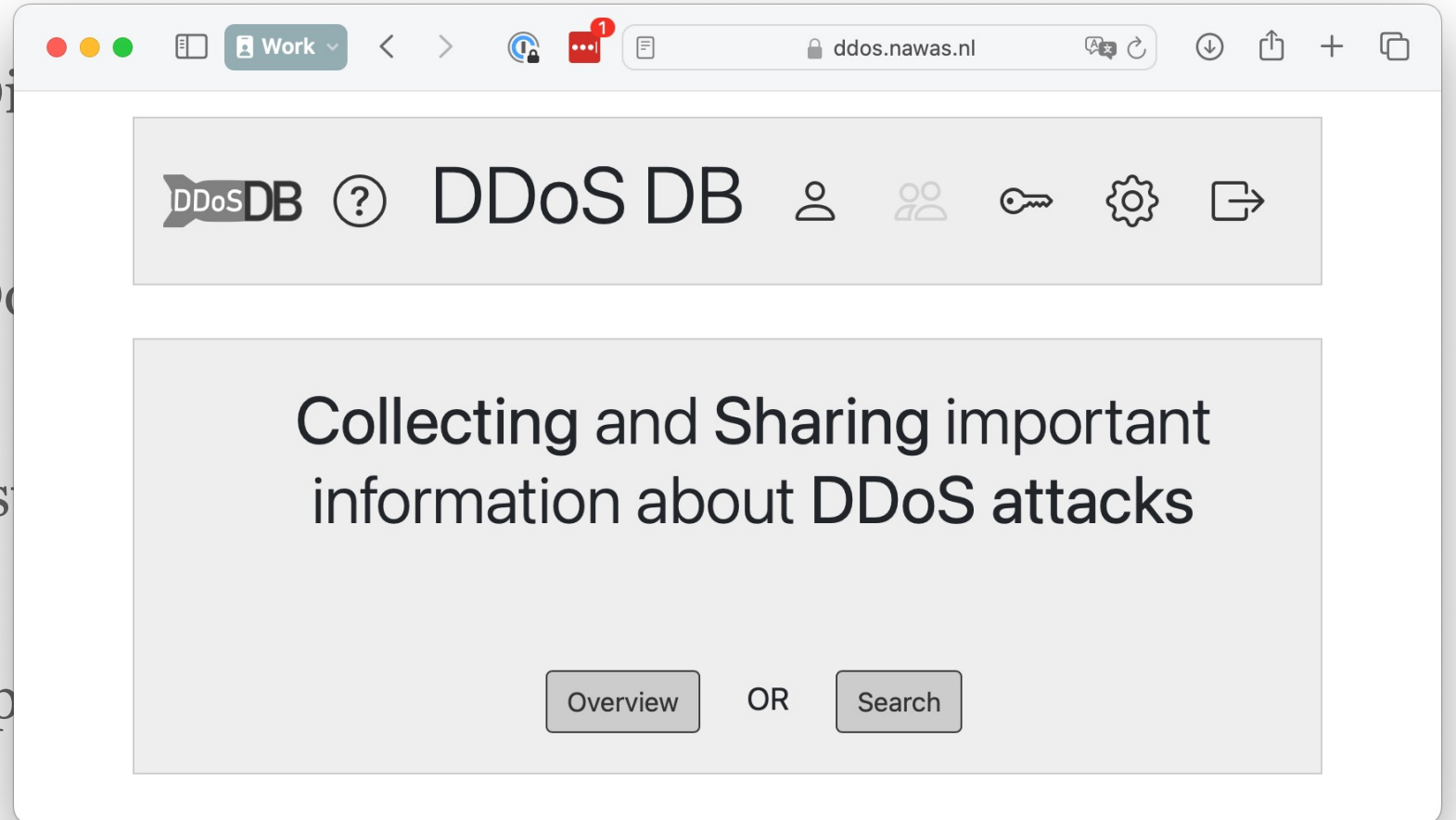
- Tweede C

- Samenwe

- DDoS Clearing House paper geaccepteerd

# Sinds de vorige plenaire bijeenkomst...

- Verbeteringen in DDoS DB
- Tweede Collaborative DDoS
- Samenwerking I&A opges
- DDoS Clearing House pap
- DDoS-DB live bij NBIP



# ... What's next?

- DDoS-DB vullen!
- Clearinghouse verbeteringen / toevoegingen
- Samenwerking Oefenen
- Samenwerking I&A



# Live demo!

*What could go wrong?*

