

# DSCng: progress report

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# What is new

- Finalization of database structure
- Speed improvements for import and XML update
- Incremental imports and updates possible
  - import script recognizes and skips already imported data
  - can be used to periodically update DSCng using DSC data
- Virtual data types
  - server traffic, IP version traffic, client vs non-zero rcode
- Scaling methods
  - queries per second or minute
  - relative scales: sum = 1, max = 1

# What next

- Preview release (2Q 2012)
- Fixed DB structure – changes will be accompanied by update procedures (after preview release)
- User authentication and authorization (3Q 2012)
  - Authentication via Django – different pluggable methods
  - Authorization – rich model allowing complex setups limits by data type, time scale, server group
- Storage API finalization (3/4Q 2012)
- Support for alerts
- Composite views – `rcode != 0 & rtype == 'MX'`, etc.
- Statistics – trends, anomalies, etc.

# How to participate

- Redmine
  - <https://git.nic.cz/redmine/projects/dsc-ng>
- GIT
  - <git://git.nic.cz/dscng>
- Mailing list
  - <https://lists.nic.cz/cgi-bin/mailman/listinfo/dscng-dev>
- Live demo
  - <http://devpub.labs.nic.cz/dscng/>



Thank you for your attention