

Elasticsearch service

If you want to use a new customizable Dashboard Beta module, you need to enable it. However, the new Dashboard will show only data stored in Elasticsearch database. Meaning, Elasticsearch service should be enabled to start collecting data.

Elasticsearch service can be configured in [blocked URL](#) > **Settings** > **NetFlow Settings** > **Configuration** and the following parameters are available:

- **Elasticsearch service** - This configuration item is temporary. In future versions of NetVizura Elastic database will be the main database for storing NetFlow data, and users will be unable to turn it off or on. The default value is disabled.
- **Maximum database size (Elasticsearch)** - Disk space limitation of NetFlow data stored in the Elasticserach database, expressed in GB. This property can only be a positive decimal number. The user should leave this property empty if restricting NetFlow data by size is not preferable.
- **Maximum database size in days (Elasticsearch)** - Define how long NetFlow data should be stored in the Elasticserach database. This time limitation is expressed in days. The property can only be a positive number. Moreover, the value in this field is calculated automatically based on the value entered into the field Maximum database size in weeks (PostgreSQL). Also, the user can delete this automatically calculated value and leave the field empty if restricting NetFlow data by days is not preferable.



Once you change the Elasticsearch service status in Settings from Enabled to Disabled and vice versa, you will be automatically logged out from the application. After a new login, the new Dashboard will be visible if service status was set to Enabled or hidden if set to Disabled.



Data will be deleted if any of these two conditions are satisfied. However, you cannot leave both configurations empty. One limitation for Elasticsearch database size is mandatory to be defined (value must be entered into the field Maximum database size (Elasticsearch) and/or Maximum database size in days (Elasticsearch))

Patterns	Subnets	Subnet Sets	End Users	TopIP	Alarms	Reports	Aggregator Filtering	Sampling	Configuration
Service options									
NetFlow Collection port				2055					
UDP port number listening for NetFlow data									
NetFlow Collection port timeout				5 seconds					
Time before retrying listening for NetFlow UDP packets									
SFlow Collection port				6343					
UDP port number listening for SFlow data									
SFlow Collection port timeout				5 seconds					
Time before retrying listening for SFlow UDP packets									
End users collection port				33515					
UDP port number listening for user-agent/agent/peer messages									
End users collection port timeout				5 seconds					
Time before retrying listening for using UDP packets									
Temp folder				/var/lib/netvizura/flow/temp					
Folder in which NetVizura Flow will temporarily upload Raw Data files									
Archived files folder				/var/lib/netvizura/flow/archive					
Folder in which NetVizura Flow Aggregator stores processed files									
Legacy raw files folder				/var/lib/netvizura/flow/legacy					
Folder in which NetVizura Flow stores Raw Data files from previous versions									
Minimum free disk space				4096 MB					
When free space in the Raw Data storage is less than configured, oldest files will be removed									
Minimum archive size in days				15					
Define a mandatory number of days for which raw data files need to be stored									
Maximum database size (PostgreSQL)				25 GB					
Once the defined DB size is exceeded, the oldest data will be erased first									
Maximum database size in weeks (PostgreSQL)				25					
Define how long data should be stored									
Elasticsearch service				Enabled					
If enabled, data will stream into Elasticsearch and new Dashboard module will appear									
Maximum database size (Elasticsearch)				70 GB					
Once the defined DB size is exceeded, the oldest data will be erased first									
Maximum database size in days (Elasticsearch)				30					
Define how long data should be stored									
Automatic Deduplication				Enabled					
If enabled, flows that have known identifier as netmap will not be processed									
Whois lookup				Enabled					
If enabled, whois lookup will be applied for all Traffic Internal addresses									
Reverse DNS lookup				Disabled					
If disabled, Reverse DNS lookup will be applied for all addresses									
<input checked="" type="checkbox"/> Save <input checked="" type="checkbox"/> Cancel									

If you are unable to change the service status (button is disabled), you should follow the link in the item description and install or enable Elasticsearch service on your server.

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Temp folder				/var/lib/netvizura/flow/temp					
Folder in which NetVizura Flow will temporarily upload Raw Data files									
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Define how long data should be stored									
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For additional information about Elasticsearch installation, check detailed instructions in the point "Optional: Install Elasticsearch" included in every [installation page](#).



If your version of Netvizura was updated, installation steps for Elasticsearch service can be found on the link [NetVizura Update](#), under the point "**Optional: Install Elasticsearch**".