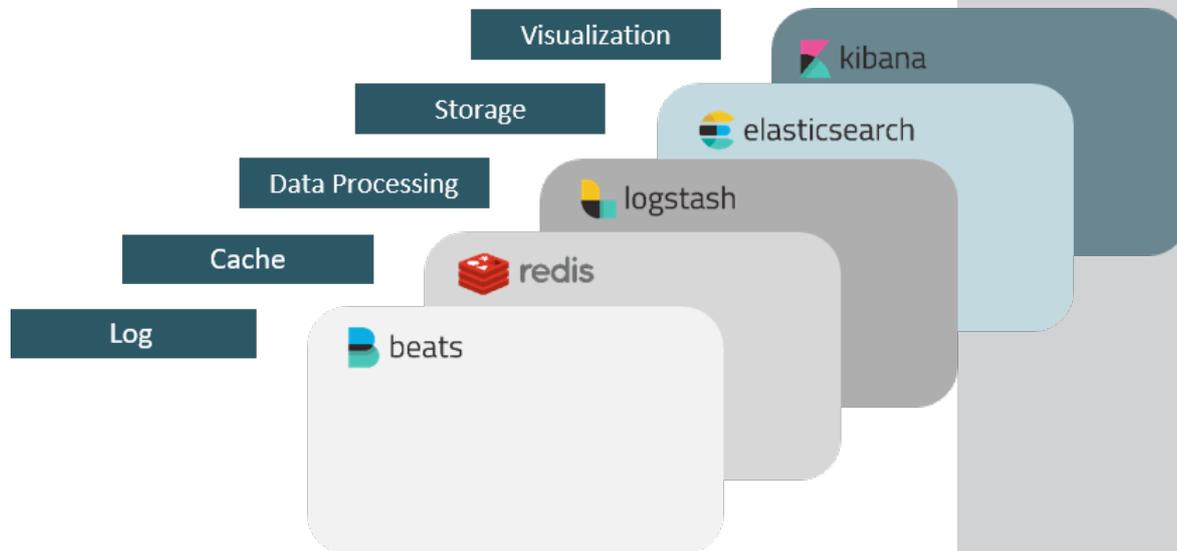




## Managed Elastic Stack

Enterprise logging, processing and visualisierung for your agile setup



Without powerful monitoring, an agile way of working with complex setups is no longer conceivable today. Bring light into the darkness with a Managed Elastic Stack!

### Benefits

- Dedicated, highly available, secure and scalable logging environment for almost any number of clients.
- Fulfils all performance requirements through scalable infrastructure.
- Simple authentication via Active Directory or LDAP, central beats management and multi-cluster monitoring possible from Enterprise Gold Edition onwards.
- Customizable dashboards provide a clear view.
- High security through encryption of communication between the stack layers and access to Kibana.
- Highest data security - All nodes are located in our own certified high-security data centers in Germany.

### Highlights

- Various licensing options available from Basic to Enterprise Platinum
- Datamodeling and creation of custom dashboards possible
- APM (Application Performance Monitoring) optional
- Located in our own, certified German high-security data centers

## Details

You need transparency for your agile development and the operation of the complex systems necessary for it. Otherwise, you have no chance to see the effects of changes in your application, individual services or external influences. But meaningful monitoring is not always easy. Complex systems generate an enormous amount of log data with a wide variety of protocols. In order to capture, process, prepare and find this amount of data, you need a reliable, available and powerful logging system. Why not a Managed (also known as ELK stack) from noris?

An Elastic Stack is logging solution consisting of several components with different functions. The basic elements are Elasticsearch (search engine), Logstash (process and normalize data) and Kibana (display and evaluation). At noris, we also use a Redis DB to cache the data. This gives you even better performance - especially with large amounts of data.

Through the interaction of the individual layers in the elastic stack, data can be collected, stored, prepared and displayed.

The installation will take place within our VMware farms. It is also possible to install the stack on dedicated hardware.

The structure of the system takes place individually according to your requirements. For small setups with less than 20 clients, the Elastic Stack can already be operated on a single node system. For larger setups at least two nodes are required. One for Elasticsearch and Kibana, one for Logstash and Redis. With a higher number of clients, the cluster can be extended by additional nodes. Also the increase of availability is possible. Starting from three nodes for Elasticsearch even Zero Downtime-Patching is possible.

Optionally, another APM node is possible with which you can perform application performance monitoring on servers or clients.

Operation is carried out by our certified and qualified team within our high security data centers.

Feature	Implementation
<b>Delivery of data</b>	Beats, Syslog, Netflow, TCP or SNMP-Traps
<b>Support of Snapshots</b>	Yes (Setup according to time and effort)
<b>Dashboards</b>	Delivery with standard dashboards (others with setup according to time and effort)
<b>Encryption</b>	Communication between stack layers and access to Kibana

## Interessiert?

Wir freuen uns auf Ihre Anfrage!

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