



OktoCareer Data Security Information

The Hardware

The servers are located in Germany in a high performance and high security data center that fulfills all professional requirements. Besides mandatory security features like video surveillance and access control, the data center has a multiple redundant connection for ultimate failure prevention.

Wordwide Network Connection

The network of the server is multihomed which means that it is connected through several providers with the internet. In the case of problems with one provider, the data transfer can be switched seamlessly to another provider which guarantees an optimal security with respect to the provider reliability.

Currently, the network in which the server is located possesses a direct link to the DECIX-node in Frankfurt and the INXS-node in Munich as well as to the carriers Lambdanet and TeliaSonera. Through the operation of a proprietary 10 Gbit backbone, peering with different worldwide providers is realized.

Maintenance and Control

Within the procedures of quality management, each server is examined and tested elaborately. The tests contain the examination of single hardware components as well as benchmark tests which verify the performance requirements. Only if all tests are passed, a release for live operations is issued.

Data Protection by Special Storage Technologies with RAID 10

For an optimal protection of your data, the server accesses several hard disks in RAID-networks:

Server that use RAID 10 are equipped with four hard disks that are connected in a RAID 10 network. Thus, two hard disks are combined to one large hard disk. This so called striping accelerates access to the data.

As a backup all data of the hard disks are continuously stored as well on one of the other remaining hard disks. In case of a hardware defect of one disk, the data are available on the redundant disk. Server with RAID 10 enable next to the high performance data access the best possible storage of your data.

Backups

The complete data is automatically stored as a daily backup in the data center. This procedure stores all data on the webspace and the MySQL database as well as all other data and settings of the server for usually 30 days. In case of an emergency we can restore data quickly.

This applies to the entire data volume as well as for single data records. Thus only data that is needed is restored.

Additionally, daily incremental backups are transferred to a locally separated data center. This separated data center fulfills the same security standards as the primary data center. Entitled users can download the data from the system to keep a local backup.

Substitute Server

While only high quality brand components are used for our servers and each server is tested before release for daily operation, a hardware defect cannot be ruled out entirely. In the unlikely case of a hardware defect, it is crucial to be able to react quickly and adequately. Through the allocation of spare servers, the hard drive that is mounted in a mobile rack can be taken from one server to another in the case of a hardware defect of the server.

Secure Power Supply

The data center uses different power supplies from different providers. This reduces the probability of a power failure. In case of a failure of the local power network, diesel power generators provide a continuous supply. Thus a power failure does not affect operations.

Secure Data Transmission

The latest encryption techniques are used for the data transmission, like the SSL record protocol. This serves for the protection of the connection. With SSL certificates, an encrypted and safe transmission of data in the internet is possible. The use of an SSL certificate provides the optimal protection of your OktoCareer system and creates trust by the users.

Security by Personalized Logins

Access to the OktoCareer system is password protected. Additionally, there is the option to grant access only to defined IP addresses. The change of user-passwords is prompted regularly by the system. Customized access rights are issued for each user.

Logging

The activities of the user in the system are logged in a way that the administrator can see which user has performed which tasks in the system.

Confidentiality

Our staff is obliged by the data secrecy of § 5 BDSG (Bundesdatenschutzgesetz, Data Protection Law of the Federal Republic of Germany)

Escrow Service

The OktoCareer source code can be deposited at a renown international escrow service. In the worst case, the escrow service can provide the source code. Optionally, you can deposit your data at the escrow service as well. The escrow service is optional and is connected with extra charges.

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