4ALLPORTAL

Data Protection Concept
4ALLPORTAL On-Premise

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Data Protection Concept for 4ALLPORTAL On-Premise Installations

Note: This data protection concept refers to on-premise installations only. For cloud installations, data protection is provided.

1. Data protection of a 4ALLPORTAL installation

A 4ALLPORTAL installation consists of different components, each of which requires data protection: The 4ALLPORTAL displays the contents of one or more file systems by showing previews of the files (assets) from the file system(s) in a searchable SQL database.

Linux or Microsoft Windows Server are available as possible operating systems. The tools necessary for data protection are usually already existing in a company. We recommend using this already deployed software for data protection.

2. Components that require protection

2.1. SQL database

Central component of the 4ALLPORTAL is the SQL database. Currently, we support Oracle MySQL, MariaDB and Microsoft SQL. In a standard installation, a so-called database DUMP is generated regularly – a complete backup of all database tables. These files must be backed up outside the system for proper data protection.

A high degree of integration can be achieved by using specialized software for database backup. For example, Oracle MySQL Enterprise Subscription includes a corresponding component.

2.2. Previews (cefs folder)

Previews are pre-calculated files of the assets. They are stored in the file system(s) as image files. These files must also be integrated into a proper data backup. The software already used in the company for data backup should also be used for this purpose.

2.3. File systems (assets)

All assets displayed in the 4ALLPORTAL are stored in one or more file systems. Usually, these file systems are already integrated into a data backup. If not, this must be implemented accordingly.

2.4. Application directory & configurations

The location the 4ALLPORTAL itself is stored must also be backed up. This directory contains all currently used app versions, as well as the folders with (customer-specific) system configurations.

4. Special cases

In some special cases, it may be necessary to take additional measures to increase redundancy, for example the replication of the monitored file systems to another server or storage. If such a configuration is necessary or desired, please contact us.

5. Virtualization

If a 4ALLPORTAL configuration is implemented in a virtualized environment, the same rules apply for data protection as for a non-virtualized environment.
In this case, the tools specialized for backing up a virtualized environment should be used for data protection. We recommend the use of software such as Veeam or Nakivo.

Please note (disclaimer):

If you take care of the data protection of your 4ALLPORTAL and all the above mentioned components yourself, 4ALLPORTAL GmbH cannot take any responsibility for the recovery in case of lost data.

Legal Notice

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Changes

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