Role STORE - Install Applications and Data (CentOS8/Win2019)

Installation of required additional software

Install GIT

Git is required, to checkout the software.

```
dnf -y install git
su jtel
cd
git config --global user.name "jtel Support"
git config --global user.email "support@jtel.de"
```

Configure GIT proxy server (optional)

If you need a proxy for GIT:

```
git config --global http.proxy http://<proxy_server>:<port>
```

Downloading the jtel software for the first time

Note: for redundant systems, do this on the ACTIVE storage node.

Change to jtel User

The following operations are no longer performed in the context of the *root* user but **must** be performed in the context of the *jtel* user. To do this, you can either log in as user *jtel* in a separate SSH session or, if you are already logged in as user *root*, you can switch to the context of the *jtel* user. This is done with the following command:

```
su jtel
cd
```

Clone jtel Software

Next, the jtel Software is cloned. This will be done in 2 steps, as a user name and password is required for each one.

```
cd /srv/jtel/shared
git clone https://bitbucket.org/jtelgmbh/jtel.git JTEL
```

```
cd /srv/jtel/shared
git clone https://bitbucket.org/jtelgmbh/jtelcarrierportal.git JTELCarrierPortal
```

Clone Customer Software

If specific software has been programmed for the customer, the customer-specific software repository must also be downloaded. This is done by a command which is structured as follows, for the example customer acme:

Download a custom repository

```
cd /srv/jtel/shared
git clone https://bitbucket.org/jtelgmbh/cacme-software.git acme
```

Change to required Software Release

In the downloaded software repositories, the software release to be used must now be selected. In this case it is release 3.20:

Select the desired release

```
cd /srv/jtel/shared/JTELCarrierPortal
git checkout release/stable-3.22
cd /srv/jtel/shared/JTEL
git checkout release/stable-3.22
# For customer specific software only
# cd /srv/jtel/shared/acme
# git checkout develop
cd /srv/jtel/shared
```

Note, that the customer specific release is usually develop, as customer releases are not branched or tagged when the jtel Software is branched or tagged.

Create Required Directories

The last step is to create the directories for central logging, standard data import and the main data directory:

```
cd /srv/jtel/shared
mkdir -p LogFiles LogFilesCall Import/{Clients,ServiceNumbers}/{Done,In,Problems}
cp -a JTELCarrierPortal/Data .
cp -a JTEL/Data/system/gui Data/system
cd /srv/jtel/shared/JTELCarrierPortal/Update
bash ./get_binaries.sh
```

Cleaner processes

A CRON job is used to clean up the directories of the portal.

With redundancy, configure this on both STORE. Since the directory is only mounted on one, but we don't know which one is active, the command must be executed on both.

Note: execute as **ROOT**.

Cleaner processes in /etc/cron.daily

```
cat > /etc/cron.daily/jtel_portal_cleaner.sh << EOFF
find /srv/jtel/shared/Data/clients/*/reports -type f -mtime +2 -delete
EOFF
chmod +x /etc/cron.daily/jtel_portal_cleaner.sh
```