Chapter 10. Installation on Astra Linux

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This Chapter describes the procedure for running the QUIK workstation on Astra Linux OS.

10.1 Before starting

- Astra Linux version 1.7.4 operating system.
- QUIK workstation version 11.4.0 or newer.
- Connected Astra Linux package repositories.
- WINE from Astra Linux repositary.

10.2 Installation of QUIK workstation

1. Before starting, install the WINE program for Astra Linux OS by the following command:

```
sudo apt install wine
```

   For detailed information on installing WINE, please follow the link:
   https://wiki.astralinux.ru/pages/viewpage.action?pageId=27362502

2. Install the wine-gecko package:

```
sudo apt install wine-gecko
```

3. To check the availability of the locales required for the program to work, run the following command:

```
locale -a
```

   If the command output does not contain the **ru_RU.utf8** string, run the following sequence of commands:

```
#!/bin/sh
echo ru_RU.UTF-8 UTF-8 | sudo tee -a /etc/locale.gen
```

```
sudo locale-gen
```

10.3 Running QUIK workstation in Astra Linux OS

1. Prepare the QUIK workstation distribution (full set of files) and copy the directory with the distribution to the computer with Astra Linux OS.
2. If key files are used for authorization on the server, then the path to the keys in the **qrypto.cfg** file must be specified as follows:

```
secring=.\secring.txk
pubring=.\pubring.txk
```

The **secring.txk** and **pubring.txk** key files must be located in the directory with the QUIK workstation.

3. Run the QUIK workstation by executing the **start_info.sh** file from the QUIK workstation distribution. Before running this file for the first time, add the file execution permissions, to do this:

   _ Go to the directory with the QUIK workstation – the **cd <path to the QUIK directory>** command is used, for example:

```
cd /home/user/quikfront
```

   _ Add execution permissions to the **start_info.sh** file:

```
sudo chmod +x start_info.sh
```

4. After completing the above steps, run the QUIK workstation by running the **start_info.sh** file.