

CentOS 7.2_Redis Image Help Documentation

Revision History

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Preface

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3. If you have other suggestions on image, send them to support@jiagouyun.com.

II. About us:

Zhuyun Information Technology Co., Ltd. was founded in 2013, as one of the few services companies entirely engaged in cloud-based business in China. Relying on Alibaba Cloud's public cloud computing technology, Zhuyun is committed to helping the majority of companies choose the cloud and big data products that truly fit their business needs.

Meanwhile. Zhuyun provides services including consulting, design, system implementation, application migration, system management, hybrid cloud management, and data center construction and other services; and helps enterprises build IT infrastructure of the cloud computing era.

III. Contact us:

1. Website

<http://www.cloudcare.cn>

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3. More support and help

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1. Image Environment

1.1 Image version

Operating system: 64-bit CentOS 7.2

Image version V1.1 software

Redis 3.2.7

1.2 Image installation

1.2 Image installation

1.2.1 Use the official RPM package to install corresponding software for the image environment.

1.2.2 /root/redis_master is the main directory where both an image environment and the image environment are installed. /root/redis_master.zip is the source code package for installing an image environment. You can use this script for installation in the CentOS system. The installed environment is the same as the initialized image environment.

1.2.3 For security reasons, Redis in the image environment can be accessed only from the current host 127.0.0.1. To access Redis from an external computer, run `bash /root/redis_opennet.sh`.

After external access is enabled, you are strongly advised to enable the firewall to restrict accessing IP addresses for security reasons. You are also advised not to enable public network access for database software, such as Redis.

2. Software directory and configuration list

Software main directory: /alidata

Redis main directory: /alidata/server/redis/

Log directory: /alidata/log/redis/, which is the main directory to store Redis logs

3. Software operation commands

```
etc/init.d/redis start|stop|restart
```

4. Software detaching

Run the following commands to detach software installed in an image environment:

```
cd /root/redis_master
```

```
bash uninstall.sh
```

Note 1: Software detaching may clear the `/alidata` directory. In this case, back up data before detaching software.

5. Appendix

Tutorial: Migrate a project to a data disk

Projects deployed using image are generally stored in the `/alidata/server/redis/data` directory of the system disk. However, a system disk has a capacity of only 20 GB, which is insufficient to keep large data files. In this case, project migration to a data disk is necessary if the deployed project requires large hard disk space during actual running.

The following uses the project deployed in Appendix Tutorial: Deploy a Project as an example to describe the project migration process:

1. Stop Redis:

```
/etc/init.d/redis stop
```

2. `mount /dev/xvdb1 /mnt/` #Mount the first data disk to the `mnt` directory. You can also mount the data disk to another directory as required.

#mnt is the directory to which the data disk is mounted. You can also mount the data disk to another directory as required.

```
mkdir -p /mnt/redis
```

3. Run `cp -a /alidata/server/redis/* /mnt/redis/`.

4. Edit `vim /etc/redis.conf` and modify the following content:

```
dir /alidata/server/redis/
```

To:

```
dir/mnt/redis/
```

```
chown redis.redis /mnt/redis/-R
```

5. Start MongoDB.

```
/etc/init.d/redis start
```