

# Backup and Data Recovery (EN)

## Service and Data Backup and Recovery

### RackCorp UMS Application

All RackCorp UMS servers are deployable and rebuildable from the API / Portal Controller which makes for fast re-deployment. Base RockyLinux OS needs to be deployed, and a script run to register the server on the RackCorp UMS Administration System. once run, a server will be available for installation:

MY DETAILS

Server Search

Server List

Client Name

Hostname

IP Address

Virtual Host Server

Datcentre Name

SEARCH

Quick Links

History

UNIFIED MESSAGING

SUMMARY

CONTROL

STORAGE

NETWORK

VIRTUAL CONSOLE

BACKUPS

MEDIA

INSTALL

DISK STATS

CPU STATS

ME

NOTE: Depending on the option chosen below, you could end up destroying ALL data on your virtual server. Please make sure that you have definitely selected the CORRECT server. If you are unsure what you are doing, please submit a support ticket first. If a media is bootable, it will be set as the boot device upon restart.

Your server must be running to mount any media or change boot settings.

FORMAT STORAGE

-- FORMAT TYPE --

FORMAT NOW

INSTALL OS

-- OS --

Ubuntu 18.04

Ubuntu 20.04

UMPV1 SMTPV1

UMPV1 Portal

UMPV1 API

UMPV1 Logging

UMPV1 IMAP

UMPV1 CLOUDAPP

UMPV1 CLOUDDB

UMPV1 APPSTUDIO

STORMSHIELD4.2.4

STORMSHIELD4.3.5

STORMSHIELD-PAYG-MASTER

StormshieldPAYG4.2.8

OPENMANAGE3.5

Snapt Aria V2 WAF

RACKCORP VMHOST

RACKCORP CONTAINERHOST

RACKCORP SFTP

INSTALL OS

Once a server finishes installing, it will search for other same-class servers within the same node.

### ***No nodes found (new install or complete loss of data)***

Service will be operational, with no data (i.e. no cloud data for users, no email for users etc). Option exists to manually copy ZFS datastore from backup storage to the appropriate location. Other nodes will then pick up on this and commence synchronisation.

### ***Another node found (IMAP role)***

Download of data will automatically begin to synchronise the IMAP stores

### ***Another node found (CloudDB role)***

Download of data will automatically begin to synchronise the CloudFile DB stores (meta data).

Load Balancers, Firewalls, UMS API, UMS Portal applications all generate daily dumps which are copied to any available S3 / CIFS/NFS storage. These services contain data that typically does not change frequently.

## Bootstrap:

```
# After base OS is installed, execute the following as root:
```

```
cd /tmp
```

```
wget https://api.XXXXXXXXXXXXXXXXXX.com/install/bootstrapcore.sh
```

```
sh bootstrapcore.sh
```

```
# This may take about 30 seconds to register in the portal. Node personality can
```

```
# then be changed to its purpose (i.e. SMTP, IMAP, LoadBalancer, etc)
```

```
# Portal can then be used to deploy application to this server
```

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