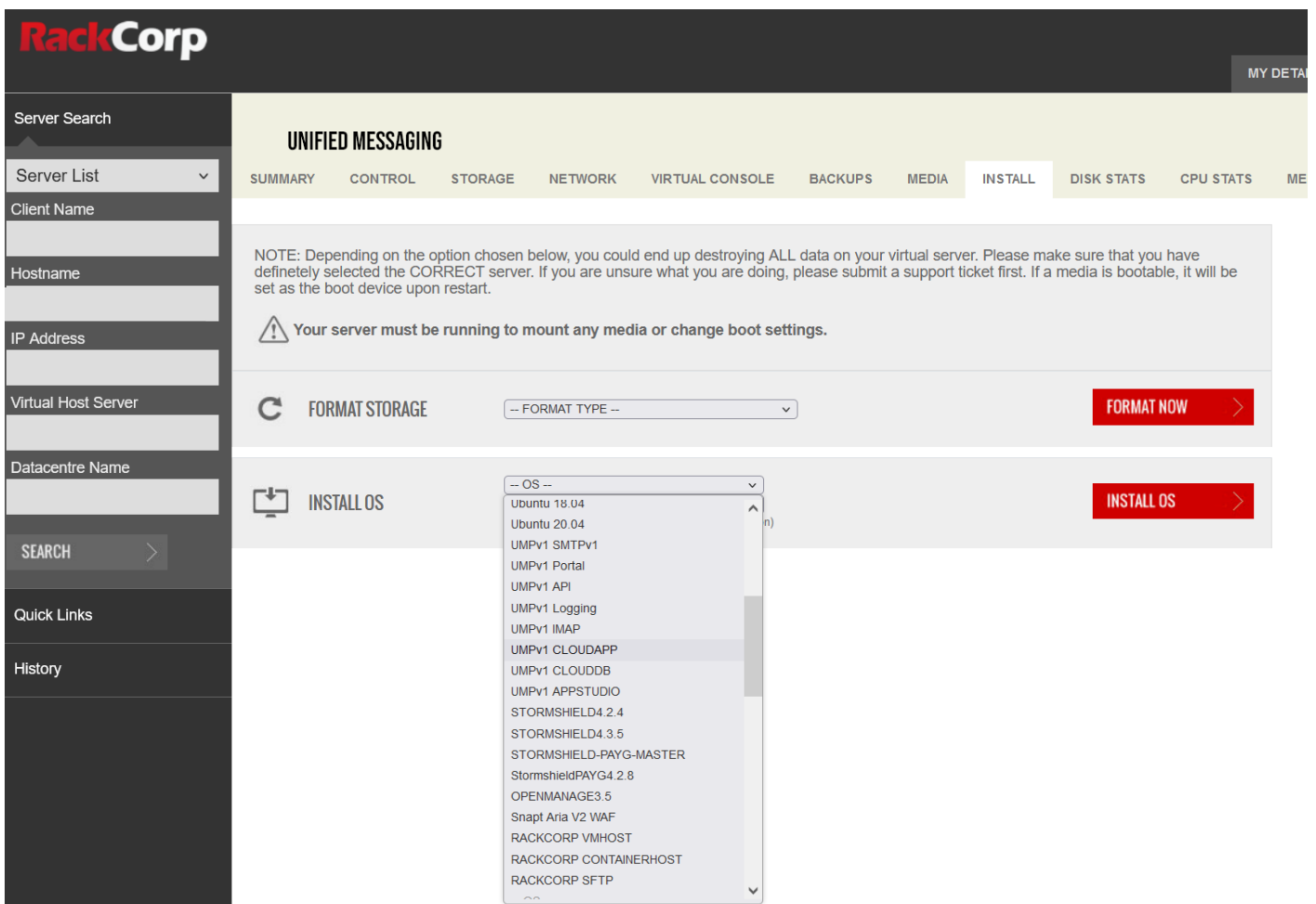


Backup and Data Recovery (EN)

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:



The screenshot displays the RackCorp UMS Administration System interface. The top navigation bar includes the RackCorp logo and a 'MY DETAILS' link. The main content area is titled 'UNIFIED MESSAGING' and features a sidebar on the left with 'Server Search' and 'Server List' dropdown menus. The sidebar also contains input fields for Client Name, Hostname, IP Address, Virtual Host Server, and Datacentre Name, along with a 'SEARCH' button and 'Quick Links' and 'History' sections. The main content area has a top navigation bar with tabs: SUMMARY, CONTROL, STORAGE, NETWORK, VIRTUAL CONSOLE, BACKUPS, MEDIA, INSTALL, DISK STATS, and CPU STATS. The 'INSTALL' tab is active. A warning message states: '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.' Below this, a warning icon and text read: 'Your server must be running to mount any media or change boot settings.' The 'FORMAT STORAGE' section includes a dropdown menu for 'FORMAT TYPE' and a 'FORMAT NOW' button. The 'INSTALL OS' section features a dropdown menu for 'OS' with a list of operating systems and applications, including 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, and RACKCORP SFTP. An 'INSTALL OS' button is also present.

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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