



Using Oracle Cloud Archive for OffSite Backup

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OffSite Backup for Home Computers

- Large Network
 - 4 laptops
 - Email
 - Calendar
 - Finances
 - VM Host
 - 4+ VMs
 - 6 TB local NAS
 - 15+ Raspberry Pi
- BackupPC for Local Backup
 - 1TB before compression

Alternatives

- Windows Solutions
 - Not robust enough
 - Don't speak Linux
- Code42 – Crashplan
 - Discontinued their Home Plan
- Cloud Based Storage
 - Amazon
 - DropBox
 - Google

Cost Comparison

Provider	Cost
DropBox (Personal Plus)	\$8.25/TB/Mo
Amazon Glacier	\$4.096/TB/Mo
Google One	\$4.995/TB/Mo
One Drive (with Office)	\$5.8325/TB/Mo

Oracle Archive Storage

- \$2.6624 per TB per month
- No Minimums
- Monthly Billing
- Linux Interface

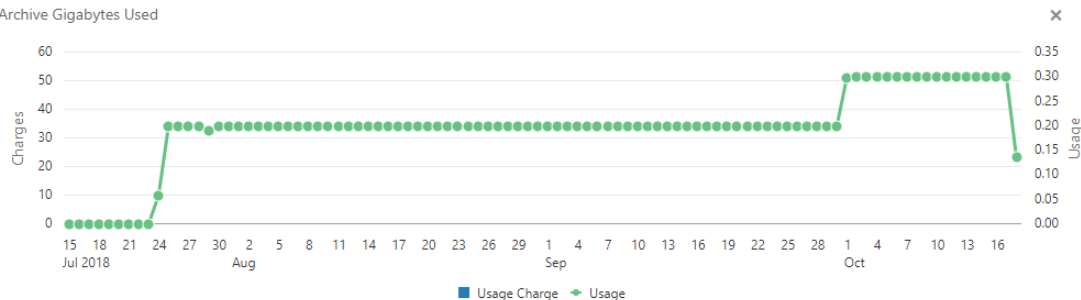
Billing Metrics (Displayed in timezone America/Los_Angeles)

This estimate is updated periodically and may not include all of your actual usage. Your monthly invoice may differ from this estimate.

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Archive Gigabytes Used



Resource Summary

Billing resources with its usage and charge details for the selected time period. Select the resource to view its daily/hourly usage on the graph.

	Resource Name	Part Number	Usage	Usage Charge
<input checked="" type="checkbox"/>	Archive Gigabytes Used	B88277	18.87	\$0
<input type="checkbox"/>	Gigabytes Egressed	B88282	0.00	\$0
<input type="checkbox"/>	Gigabytes Transferred	B88281	0.00	\$0
<input type="checkbox"/>	Read Requests	B88283	0.0013	\$0
<input type="checkbox"/>	Standard Gigabytes Used	B88285	0.00	\$0
<input type="checkbox"/>	Write Requests	B88284	0.00	\$0

The Basics

- Get BackupPC
 - Write .zip files
- Set up an Oracle Account
 - Cloud Storage
 - Select “Archive”
- Get Command Line interface
 - ftmcli
 - Java – Windows or Linux

FTMCLI Examples

Environment Variables

```
FTM_REST_ENDPOINT=https://Storage-X.us.storage.oraclecloud.com/v1/Storage-X  
FTM_USER=clayj@nmlink.com
```

Get a list

```
java -jar ftmcli.jar list N7QNM\ Backups
```

List output

```
tmp/PiBackups/dstar.273.tar.gz  
tmp/PiBackups/monitor.271.tar.gz  
tmp/PiBackups/ospi.269.tar.gz  
tmp/PiBackups/picturepost.195.tar.gz  
tmp/PiBackups/pihole.377.tar.gz  
.
```


More Examples

Upload

```
java -jar ftmcli.jar upload -a N7QNM\ Backups /tmp/clay-venue11.1011.tar.gz
```

Delete

```
java -jar ftmcli.jar delete N7QNM\ Backups tmp/clay-venue11.195.tar.gz
```

Resources

- Oracle Docs
 - <https://docs.oracle.com/en/cloud/iaas/storage-cloud/index.html>
 - <https://docs.oracle.com/en/cloud/iaas/storage-cloud/asapi/index.html>
 - <https://docs.oracle.com/en/cloud/iaas/storage-cloud/csclr/preparing-use-ftm-cli.html#GUID-5BB8647F-DDAD-4371-A519-1116402245FB>
- Oracle Support
 - You get a CSI #
 - Oracle will reach out to you when you order a trial

Thank you

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