



TENANT USER GUIDE



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NASLORD 3.0.0

Tenant User Guide

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TABLE OF CONTENTS

1. Introduction	4
2. Logging In	4
3. Managing Your PowerScale Access Zones	4
4. Managing Your PowerProtect DD Protected Copies	5
5. Viewing Your Object Storage (Namespaces and Buckets)	5
6. Understanding Your Charges	5
7. Your Monthly Reports	6
8. Your Budget Dashboard.....	6
9. Getting Help	6



1. INTRODUCTION

NASLord is the self-service portal through which your storage administrator delegates the management of your storage resources to you.

As a Tenant Administrator, you only see the resources that were explicitly granted to your account. Depending on what your organization uses, this can include:

- PowerScale ACCESS ZONES - your file storage areas, where you can manage shares, exports, quotas and snapshot schedules yourself.
- PowerProtect DD MTREES - your backup storage areas, where you can view and create ransomware-proof Protected Copies of your backups.
- ECS/ObjectScale NAMESPACES - your S3 object storage areas, where you can review your buckets, usage and charges.

If your account is associated with a Tenant, you can also consult your monthly charge reports and your budget dashboard.

Anything not listed on your pages simply has not been granted to you; contact your administrator if something you expect is missing.

2. LOGGING IN

1. Open a browser and go to the **NAS**Lord address provided by your administrator (HTTPS).
2. Log in with the username and password provided.
 - Depending on your organization's setup, this is either a local **NAS**Lord account or your corporate (LDAP) credentials.
3. If two-factor authentication is enabled, you will be prompted to enroll an authenticator application (TOTP) at first login, and to enter a one-time code at each login afterwards. Keep your backup tokens somewhere safe.
4. If you use a local account, change your password after the first login (CHANGE PASSWORD).

After logging in you land on a simplified page showing only the Access Zones, MTrees and Namespaces you are allowed to manage.

3. MANAGING YOUR POWERSCALE ACCESS ZONES

The PowerScale page lists only the Access Zones you have been authorized to manage, across all clusters.

CLICK ON ANY OF YOUR ACCESS ZONES TO OPEN IT. FROM THERE YOU CAN

- BROWSE the file system folders associated with your Access Zone.
- MANAGE SMB SHARES: view, create, edit and delete shares.
- MANAGE NFS EXPORTS: view, create, edit and delete exports.
- MANAGE QUOTAS: view, create, edit and delete quotas on your folders.
- MANAGE SNAPSHOT SCHEDULES: view, create, edit and delete the snapshot schedules protecting your data.



Everything you do is confined to your own Access Zones; you cannot see or affect other tenants' zones.

4. MANAGING YOUR POWERPROTECT DD PROTECTED COPIES

Protected Copies are immutable (read-only) copies of your backup data. **NASLord** creates them automatically every day at the time configured by your administrator, and Retention Lock on the storage prevents anyone -- including an attacker who compromises the backup server -- from modifying or deleting them until their retention period expires. Expired copies are cleaned up automatically.

The PowerProtect DD page lists only the MTrees (backup storage areas) you have been authorized to see.

CLICK ON ANY OF YOUR MTREES (SHOWN IN BOLD) TO

- SEE THE DETAILS of the MTree. Click on the down arrow to display more details.
- VIEW THE LIST OF PROTECTED COPIES and their retention status.
- BROWSE the Primary Data and the Protected Copies.
- MANUALLY CREATE A NEW PROTECTED COPY, in addition to the daily automatic ones (for example, right before a risky change).

Protected Copies cannot be deleted or altered from **NASLord** -- that is the point: they remain immutable until their retention period expires.

5. VIEWING YOUR OBJECT STORAGE (NAMESPACES AND BUCKETS)

The Chargeback Manager page lists only the ECS/ObjectScale Namespaces you have been authorized to see.

- Click on any of your Namespaces (shown in bold) to see the list of Buckets, along with information about each Bucket: owner, capacity used and creation timestamp.
- Click on a Bucket name to see the usage charts for that Bucket.
- Click "View Chargeback" in the white menu bar to see the chargeback report for the Namespace.

6. UNDERSTANDING YOUR CHARGES

Your charges are calculated from your actual, measured usage, using the rates your service provider configured. Depending on the platform:

OBJECT STORAGE (ECS/OBJECTSCALE)

- CAPACITY: charged per GiB per month. Capacity is measured daily, so if your usage grows or shrinks during the month you only pay for what you actually used each day. (Each daily charge is rounded to the cent, so monthly totals can differ from a simple "capacity x rate" estimate by a few cents.)
- INGRESS / EGRESS: data transferred in and out, charged per GiB over the month.
- OPERATIONS: object creations and deletions, charged per 1,000 operations over the month.



FILE STORAGE (POWERSCALE)

- Charged per GiB per month on your data capacity, its protection overhead, and your snapshot usage.

All amounts are in your Tenant's currency. Rates can be tiered (different rates for different usage volumes); your service provider can provide the rate sheet applicable to you.

7. YOUR MONTHLY REPORTS

- Charge reports are produced per calendar month. The report for the current month includes data up to yesterday and is not available on the 1st of the month.
- From your charge report pages you can consult the monthly history, the per-component details, and a consolidated dashboard with charts and totals.
- If your administrator enabled it, your monthly report is also delivered automatically -- by e-mail to your Tenant's report address, or to another destination agreed with your provider -- in the formats configured (PDF summary or detailed, CSV, JSON, XML) and in your language (English, French, Spanish, German or Portuguese).

8. YOUR BUDGET DASHBOARD

If your administrator defined a budget for your Tenant, the Budget Dashboard lets you track your actual charges against it:

- Compare actual spending versus the monthly and yearly budget, aligned on your fiscal year.
- Alert thresholds (typically 85% Warning and 100% Critical) show how close you are to the budget, and can trigger e-mail notifications when crossed.
- The Budget Snapshots page keeps a history of past budget positions.

The budget views are informational: exceeding a threshold does not block your storage usage, but it is your early warning to review consumption with your provider.

9. GETTING HELP

- Missing Access Zone, MTree or Namespace? Access is granted per resource -- contact your storage administrator.
- Questions about rates, invoices or budgets? Contact your service provider; rates and budgets are configured by your provider's administrators.
- Login problems (password reset, lost two-factor device)? Contact your storage administrator, who can reset your credentials.

NASLord is developed by Gallium Inc. (sales@gallium-it.com).

