SCNAPPER 4.0.1 - RELEASE NOTES

Scnapper 4.0.1 is a security update to Scnapper 4.0.0. It rebuilds the appliance image with Ubuntu's fix for two critical PHP vulnerabilities and carries two small fixes that were completed after 4.0.0. There are no new features and nothing changes in how the appliance is used.

SECURITY

- PHP 8.3 is updated to close CVE-2026-109618 and CVE-2026-109619, the two unauthenticated remote code execution vulnerabilities published by the PHP project on 21 October 2026 (CVSS 9.2). Ubuntu 24.04 fixed them the same day in package php8.3 version 8.3.6-0ubuntu0.24.04.13 (USN-8948-1). The 4.0.0 image was built before that date; the 4.0.1 image carries the fixed package.

  Instances already running 4.0.0 with access to the Ubuntu package mirrors received the fixed package automatically through unattended-upgrades. To confirm on a running instance, SSH in as snapusr and run:

      dpkg-query -W -f '${Version}\n' php8.3-fpm
      systemctl show -p ActiveEnterTimestamp php8.3-fpm

  The version must be 8.3.6-0ubuntu0.24.04.13 or later and the timestamp must be after 21 October 2026. If the version is older, the instance cannot reach the mirrors; upgrade it to 4.0.1 as described below. If the version is current but the timestamp is older, run sudo systemctl restart php8.3-fpm so the running workers pick up the fixed binary.

BUG FIXES

- Importing a Scnapper 3.x export failed with "import failed, nothing changed" when a row carried MySQL 5.6's zero date (0000-00-00 00:00:00), which MySQL 8 refuses. The import now repairs such values (NULL where the column allows it, the import time where it does not) and logs how many it repaired. Export patch 1.1 for 3.x, published 12 September 2026, no longer writes the value in the first place.

- The Help page now serves the user guide for the running release from the published copy, fetched by the instance and cached locally, so a corrected guide reaches running instances without a new image. The browser never contacts the download location, so this works from a private network; when the instance cannot reach it, the cached or the built-in copy is served.

UPGRADING FROM SCNAPPER 4.0.0

A 4.0.0 data volume is adopted by 4.0.1 as it is: first boot applies any pending database changes and comes up with your users, groups and schedules. No export or import is needed. Because changing the image replaces the instance, the upgrade is a new stack against the existing data volume:

1. Take a snapshot of the data volume (the volume attached as /dev/sdb) as the rollback point.
2. Note the volume's Availability Zone, then delete the 4.0.0 stack. The data volume is not deleted with the stack; wait until it shows as "available".
3. Create a new stack from the 4.0.1 template with ExistingDataVolumeId set to that volume and a subnet in the same Availability Zone. Leave DataVolumeSize at its default; it is ignored when a volume is reattached.
4. Log in with your existing username and password. No first-time setup is shown, and your groups, schedules and retention policies are present.

Downgrading is not supported. To roll back, launch the 4.0.0 template against a volume restored from the step-1 snapshot.

UPGRADING FROM SCNAPPER 3.x

Unchanged from 4.0.0: a 3.x data volume cannot be attached to a 4.x instance. Take a snapshot of the 3.x data volume, install the Scnapper export patch on the 3.x instance (download and checksum are in the listing) and export from Profile, launch 4.0.1 from the CloudFormation template with a new data volume, complete first-time setup, then import the file on the Profile page under Export / Import.

KNOWN ISSUES

- If some backups miss their schedule or snapshots and AMIs are not retained
  as configured, you may be hitting the AWS API request limit. The scheduler
  log (/files/logs/scnapper-backend.log) shows "RequestLimitExceeded" when
  this happens. Workaround: lower the Number of threads in Properties
  Configuration, or spread schedules over different minutes.

DOCUMENTATION

- User guide:      https://scnapper-getting-started.s3.amazonaws.com/Scnapper%20User%20Guide-4.0.1.pdf
- Getting Started: https://scnapper-getting-started.s3.amazonaws.com/Scnapper%20Getting%20Started-4.0.0.pdf
- Release notes:   https://scnapper-getting-started.s3.amazonaws.com/ReleaseNotes-Scnapper-4.0.1.pdf
- 4.0.0 notes:     https://scnapper-getting-started.s3.amazonaws.com/ReleaseNotes-Scnapper-4.0.0.pdf

SUPPORT

Please contact 28Right support at http://www.28-right.com/support if you face
any issues.