itadOS

v.0.0.1

itadOS

Config explanation

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7-15-2025

Contents

Tutorial on how to change the default behaviour of itadOS is shown in '**itadOS Guides**' under '**Modify itadOS'.** This document briefly explains the various settings of itadOS.

Format

ERASURE_NAME_CONF

Custom name to use for the erasure method. This appears in front of 'Erasure Report'. In figure 1.1, **'ERASURE_NAME_CONF'** is set to **'itadOS'**.

Figure 1.1. ERASURE_NAME_CONF is set to 'itadOS'.

ITADOS_VERSION_CONF

ItadOS version number which appears on the upper left-hand corner of the report. In figure 1.2, **'ITADOS_VERSION_CONF'** is set to **'itadOSv.0.0.1'**.
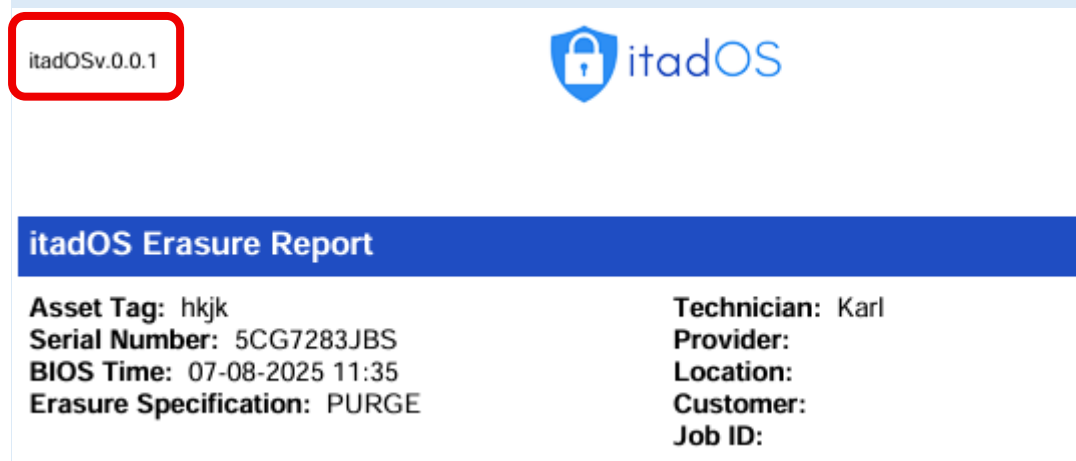

Figure 1.2. ITADOS_VERSION_CONF is set to 'itadOSv.0.0.1'.

SYSTEM_SPEC_CONF

Defines the style of system specifications inserted into the report.

Options: full, min.

min: Inserts major specifications which include processor, graphics card, RAM amount battery health and attached storage devices. This produces a short and easy to read specification list, as seen in figure 1.3.

Figure 1.3. SYSTEM_SPEC_CONF is set to 'min'.

full: Inserts a detailed lists of all specifications and attached devices. This list is long and not as easy to read, as seen in figure 1.4.

Figure 1.4. SYSTEM_SPEC_CONF is set to 'full'. This is a part of the full specification list.

Service Information

TECHNICIAN_CONF

Sets default technician's name shown on the report. This appears after 'Technician:'. In figure 2.1, '**TECHNICIAN_CONF**' is set to '**Technician**'.

Figure 2.1. TECHNICIAN_CONF *is set to 'Technician'.*

PROVIDER_CONF

Sets default provider's name shown on the report. This appears after 'Provider:'. In figure 2.2, '**PROVIDER_CONF**' is set to '**Provider**.

Figure 2.2. PROVIDER_CONF is set to 'Provider'.

LOCATION_CONF

Sets default location shown on the report. This appears after 'Location:'. In figure 2.3, '**PROVIDER_CONF**' is set to '**Provider**.

Figure 2.3. LOCATION_CONF is set to 'Location'.

CUSTOMER_CONF

Sets default customer's name shown on the report. This appears after 'Customer:'. In figure 2.4, '**CUSTOMER_CONF**' is set to '**Customer**.

itadOS Erasure Report

Asset Tag: Service info
Serial Number: 5CG7283JBS
BIOS Time: 07-08-2025 12:42
Erasure Specification: PURGE

Technician: Technician
Provider: Provider
~~Location: Location~~
Customer: Customer
~~Job ID: Job NR~~

Figure 2.4. CUSTOMER_CONF is set to 'Customer.

JOBNR_CONF

Sets default job ID shown on the report. This appears after 'Job ID:'. In figure 2.5, '**JOBNR_CONF**' is set to '**Job NR**.

itadOS Erasure Report

Asset Tag: Service info
Serial Number: 5CG7283JBS
BIOS Time: 07-08-2025 12:42
Erasure Specification: PURGE

Technician: Technician
Provider: Provider
Location: Location
~~Customer: Customer~~
Job ID: Job NR

Figure 2.5. JOBNR_CONF is set to 'Job NR'.

Erasure Specification

ERASURE_SPEC_CONF

Specifies the default erasure method.

Find out more: **https://csrc.nist.gov/pubs/sp/800/88/r1/final**

Options: purge, clear, auto, skip

> **purge**: Most secure erasure methods used. Not supported by all disks.

> **clear**: Less secure erasure methods used. Supported by majority of disks.

> **auto**: Attempts purge, falls back to clear if purge fails.

> **skip**: Skips erasure.

VERIFICATION_CONF

Specifies the default erasure verification method.

Find out more: **https://csrc.nist.gov/pubs/sp/800/88/r1/final**

Options: full, partial, skip

> **full**: Scans the entire disk for zero pattern.

> **partial**: Scans the first and last 10% of disk for zero pattern. (NOT NIST COMPLIANT)

> **skip**: Skips verification.

Other

MANUAL_USER_CONF

Toggles whether the user is prompted for manual settings on boot.

The settings menu is shown in figure 4.1.

Settings that can be changed:

Service information:

TECHNICIAN_CONF

PROVIDER_CONF

LOCATION_CONF

JOBNR_CONF

Erasure specifications:

ERASURE_SPEC_CONF

VERIFICATION_CONF

Other:

ASSET_CONF

AUTO_ERASURE_CONF

SUSPEND_CONF

SMART_TEST_CONF

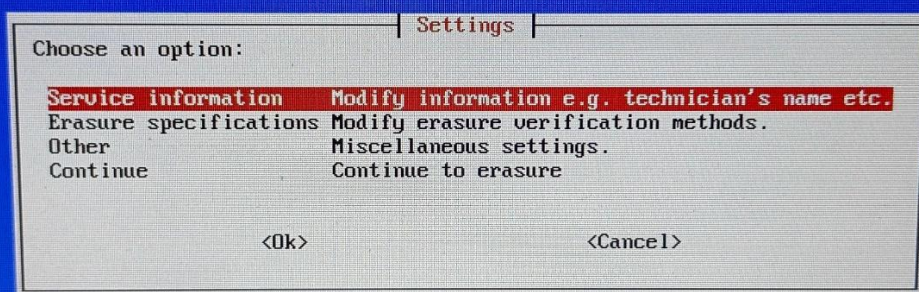FILTER_BOOT_DISK_CONF

CHECK_ZERO_PATTERN_AND_OVERWRITE_CONF

Figure 4.1. *Settings prompt*.

CHECK_ZERO_PATTERN_AND_OVERWRITE_CONF

If enabled, fills disk with zeros if zero-pattern check fails. This is only checked after erasure is completed using methods such as secure erase, crypto erase etc.

Options: on, off

ASSET_CONF

Sets the method of asset tag acquisition.

Options: asset, serial

asset: User is asked to provide an asset tag. The prompt is shown in figure 4.2.

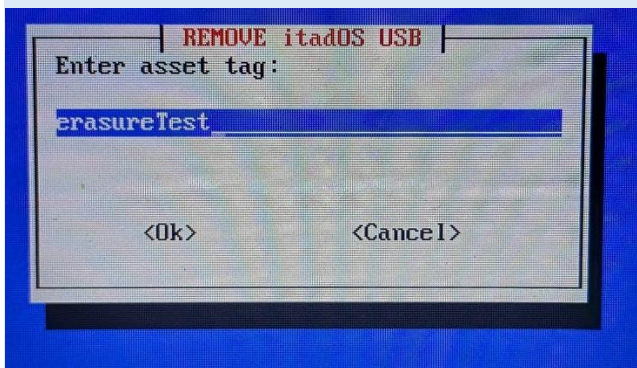**serial**: Asset tag is automatically set to the device's serial number.

Figure 4.2. *Asset tag prompt.*

FILTER_BOOT_DISK_CONF

If enabled, prevents the boot disk from being shown as erasable.

Options: on, off

SMART_TEST_CONF

Defines SMART test mode for drive health.

Options: short, long, skip

> **short**: Quick check, takes up to 2 minutes.

> **long**: More comprehensive test can take hours.

> **skip**: Skips health check.

SUSPEND_CONF

If enabled, suspends the computer before erasure attempts. If this is off, automatic suspension is still active upon when frozen disk is detected.

options: on, off

AUTO_ERASURE_CONF

If enabled, automatically erases all attached disks (except boot disk if FILTER_BOOT_DISK_CONF is on).

options: on, off