



Software by Design

Nextcloud-apper

Loggovervåking og instanshelse

HealthCheck

Brukermanual

Loggovervåking, helsedashbord og varsler.

For app-administratorer og Nextcloud-systemadministratorer.

Appversjon

1.3.24

Språk

Norsk bokmål

Dato

10. september 2026

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Innledning

HealthCheck (app-id `logcheck`) overvåker Nextcloud-loggfilen og varsler autoriserte administratorer om nye feil. Siden **Helse** oppsummerer tilstanden i sju kontrollkort: loggvarsler, bakgrunnsjobber, PHP, database, datadisk, HTTPS og oppdateringer. Appen erstatter verken Nextcloud-administrasjon eller et SIEM — den gjør feil synlige før de forsvinner.

Forutsetninger: filbaserte logger (`log_type = file`); på flere servere samme delte loggfil, ellers **Kan ikke overvåke**; kjørende Nextcloud-cron for digest og **Sjekk igjen**. Nettappen er gratis (AGPL).

Dette finner De her

- Roller, **Ikke autorisert** og app-administratorer under **Personer** (kapittel 1, 7).
- Minimal oppsett: test en kanal, **Watch log file** (kapittel 2).
- Daglig bruk: **Helse**, **Logger**, **Varsler**, **Regler**.
- Feil, FAQ, ordliste og tilgjengelighet.

Målgruppe

- **Appadministrator** — helse, logger, varsler og regler etter oppføring under **Personer**.
- **Nextcloud-administrator** — i tillegg personhåndtering, nedlasting, **Danger zone**, utdrag og private webhooks.

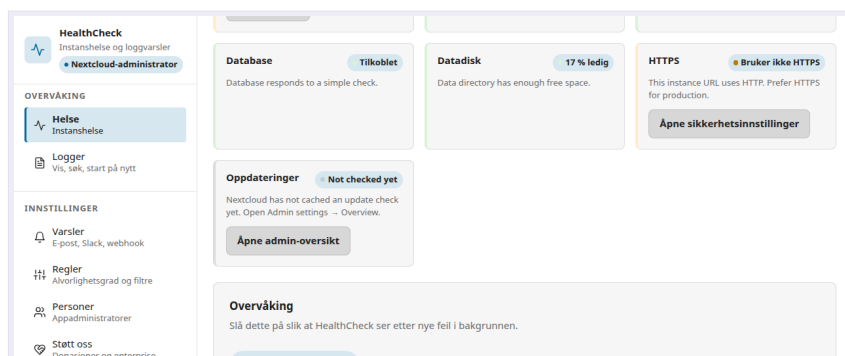
Alle andre ser bare **Ikke autorisert** med **Tilbake til Nextcloud**.

Appversjon og skjermbilder

HealthCheck **1.3.24** (10. september 2026). Figurer fra `http://localhost:8081`: **HTTPS** kan vise **Bruker ikke HTTPS**, **Oppdateringer Not checked yet** — lab-instans.

Oversikt Helse

Startsiden **Helse** oppsummerer varsler og kort:



Oversikt **Helse** (lab).

1 Roller og rettigheter

HealthCheck tilbyr aldri åpen tilgang for alle brukere. Hvem som kan åpne appen er begrenset til to roller — håndhevet på serveren, ikke bare skjult i grensesnittet.

Nextcloud-administrator Member of the Nextcloud `admin` group. The sidebar badge shows **Nextcloud-administrator**. This role may also manage app admins, download the full log file, use the **Danger zone**, and unlock log excerpts or private webhooks.

Appadministrator A user a Nextcloud administrator listed under **Personer**. Badge: **Appadministrator**. App admins use Health, Logs, Notifications and Rules like administrators — without the admin-only actions above.

1.1 Navigasjon etter åpning

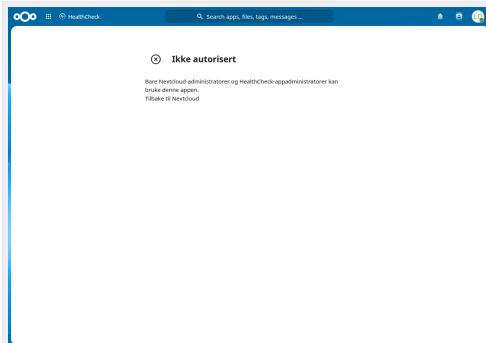
Etter start ser autoriserte personer to grupper i sidefeltet:

- **Overvåking: Helse, Logger**
- **Innstillinger: Varsler, Regler, Personer, Støtt oss**

At the bottom of the bar, **Hjelp** opens feedback paths (**Rapporter et problem, Foreslå en forbedring**). The role badge next to the app name shows immediately whether you work as Nextcloud admin or App admin.

1.2 Tilgang nektet

Alle andre får siden **Ikke autorisert**: et notat om at kun Nextcloud-administratorer og HealthCheck-app-administratorer kan bruke appen, pluss knappen **Tilbake til Nextcloud**. Det finnes ingen gjestemodus og ingen skrivebeskyttet deling.



Ikke autorisert page for users without entitlement.

1.3 Rettighetsmatrise

Capability	App	NC
Open the app (Health, Logs, Settings)	yes	yes
Watch the log file; save alerts and rules	yes	yes
View, filter, search and copy logs	yes	yes
Add or remove app admins	no	yes
Absolute log path; download full file	no	yes
Danger zone (start fresh / delete / remove copy)	no	yes
Log excerpts and private webhook addresses	no	yes

App = **Appadministrator**; NC = **Nextcloud-administrator**.

1.4 Harde grenser

- Open access (open/all/public) is forbidden server-side — even if someone calls the API directly.
- The app-admin list is capped at 100 entries.
- Unauthorised API responses return LCK_FORBIDDEN (see chapter 9).

Under **Personer**, list only people who truly manage instance logs and alert channels. Remove app admins when the task ends. The read-only App admin view is shown in chapter 7.

1.5 Sjekk Deres egen rolle

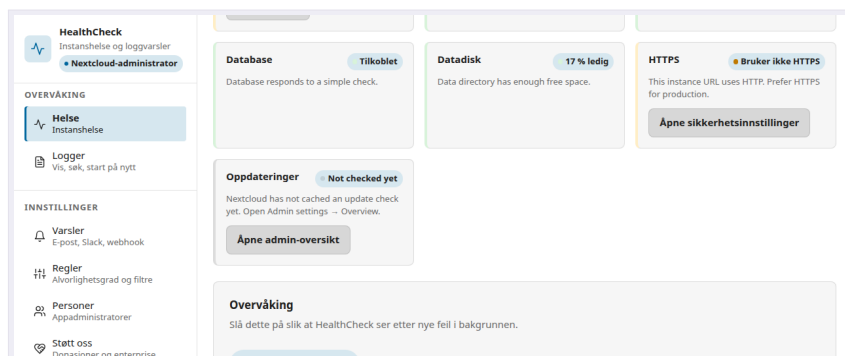
1. Open HealthCheck and read the badge beside the app name (**Nextcloud-administrator** or **Appadministrator**).
2. Under **Personer**: search field and **Lagre** only as Nextcloud admin; as App admin the read-only hint appears.
3. Under **Logger**: **Danger zone** and **Download full file** are missing for App admins.
4. Under **Varsler** → **Flere alternativer**: log excerpts and private webhooks only for Nextcloud admins.

If the badge is missing and **Ikke autorisert** appears, entitlement is missing — not the network connection. API calls without rights return LCK_FORBIDDEN.

2 Kom i gang

På noen få trinn ser De instansens helse, tester minst én varslingskanal og slår på overvåking av loggfilen.

1. Åpne **HealthCheck** i Nextclouds app-linje.
2. Under **Helse** gjennomgår De sammendraget og de sju kontrollkortene (kapittel 3).
3. Under **Varsler** setter De opp minst én kanal — typisk **E-post** — og klikker **Send test og slå på** (kapittel 5).
4. På helsesiden slår De på **Watch log file**.
5. Når sjekklisten vises (**Set up at least one alert channel, Watch log file is on**), bruker De **Set up alerts** hvis ingen kanal er aktiv ennå.



Helse with navigation **Overvåking** / **Innstillinger** and the **Watch log file** switch.

2.1 Hva De gjør deretter

- Under **Regler**, set severity and digest timing (chapter 6).
- Under **Logger**, review current entries and filters (chapter 4).
- As Nextcloud admin, add further **Appadministratorer** under **Personer** (chapter 7).

Så lenge overvåkingen er av eller ingen kanal er aktiv, forblir varsler stille — selv om kontrollkortene under **Helse** ellers ser fine ut.

3 Helse

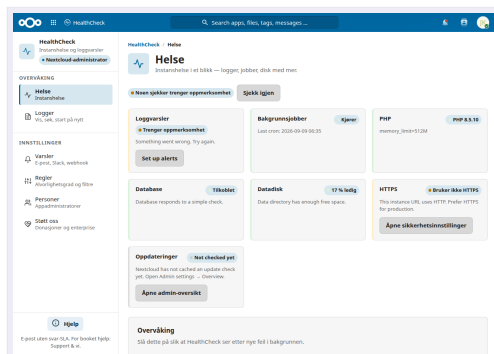
The **Helse** page (nav group **Overvåking**) shows instance health at a glance: log alerts, background jobs, PHP, database, data disk, HTTPS and updates.

3.1 Sammendrag og Sjekk igjen

A status badge appears at the top. Possible states (with text, not colour alone):

- **Alt ser bra ut**
- **Trenger oppmerksomhet**
- **Kritisk**
- **Ukjent**

With **Sjekk igjen** you start a background run immediately and refresh cards plus watching status. The control appears only when file-based logs and a valid topology are present.



Summary and check cards on **Helse**.

3.2 Kontrollkort

Loggvarsler Whether log watching is running and alerts are ready.

Bakgrunnsjobber State of Nextcloud cron / background jobs.

PHP Detected PHP version and important limits (e.g. memory).

Database Whether the database responds.

Datadisk Free space in the data directory.

HTTPS Whether the instance URL uses HTTPS.

Oppdateringer Whether Nextcloud has already cached an update check.

Cards may show action buttons (for example open admin or security settings). Those lead into Nextcloud administration outside HealthCheck.

3.3 Advarsler på siden

Kan ikke overvåke HealthCheck supports only file-based logs (`log_type = file`). The detected log type is shown.

Topology Also **Kan ikke overvåke** when HealthCheck notices a different server. Several servers need one shared log file — or you turn watching off.

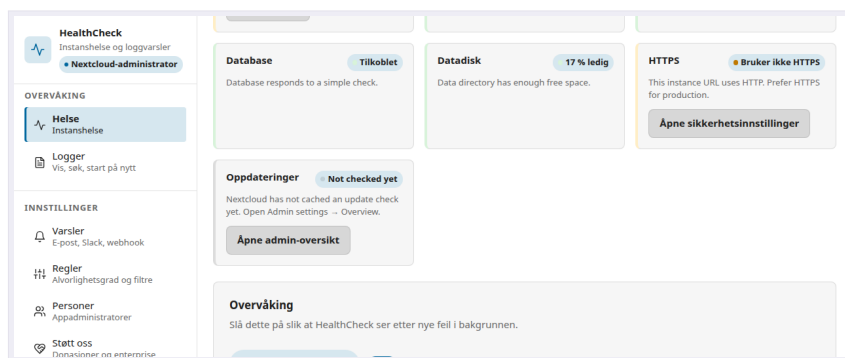
Stuck checks Hint that background checks look stuck: try **Sjekk igjen**, or ask the host about Nextcloud cron. The badge may show **Trenger sjekk**.

Channel secrets If stored secrets cannot be read, a warning with link **Administrer varsler** appears. Re-enter webhook URLs.

3.4 Seksjon Overvåking

The **Overvåking** block controls whether HealthCheck looks for new errors in the background. Watching the log file alone does not send notifications — you need at least one active channel under **Varsler**. After enabling: activate a channel with **Send test og slå på** and tick the checklist on this page.

- Switch **Watch log file**.
- Status badge: **Av**, **Overvåking**, **Kan ikke overvåke**, **Trenger sjekk** or **Trenger oppmerksomhet**.
- When watching is on but alerts are not ready: checklist with **Set up at least one alert channel**, **Watch log file is on** and button **Set up alerts**; below that only the **Logger** link (not also **Administrer varsler** — one destination, one button).
- When watching is on and alerts are ready: **Administrer varsler** and **Logger**.
- When watching hits an error state: **Try again** and optionally **Administrer varsler**.
- After successful runs: **Siste sjekk** with timestamp.



Overvåking section with switch **Watch log file**.

4 Logger

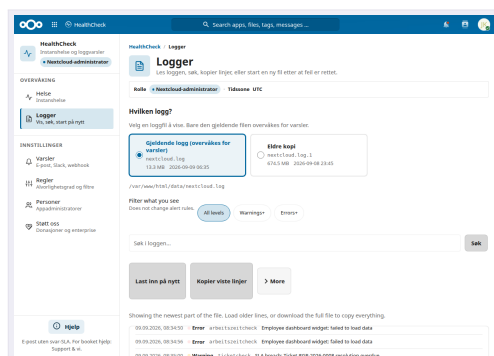
Under **Logger** leser og søker De i Nextcloud-loggfilen. Kun den aktuelle filen overvåkes for varsler.

4.1 Hvilken logg?

The **Hvilken logg?** selector lists available files:

- **Gjeldende logg (overvåkes for varsler)** — the live file,
- **Lagret kopi** — e.g. after **Start ny logg**,
- **Eldre kopi** — further rotated files.

No file yet: *No log file yet. Nextcloud creates it when something is logged.* As Nextcloud admin, the absolute **Sti** appears under the list.



Logger: file picker, filters and viewer.

4.2 Se en eldre kopi

For an older or saved copy, a note explains that alerts only watch the current log. Nextcloud admins can **Fjern denne kopien** — confirmation word `DELETE_COPY`.

4.3 Filtrer og søk

- Group **Filter what you see** with hint *Does not change alert rules*.
- Chips: **All levels**, **Warnings+**, **Errors+**.
- Search: field **Søk i loggen...**, button **Søk** (literal search in the recent part of the file).
- **Last inn på nytt** refreshes the current excerpt; **Kopier viste linjer** copies to the clipboard.

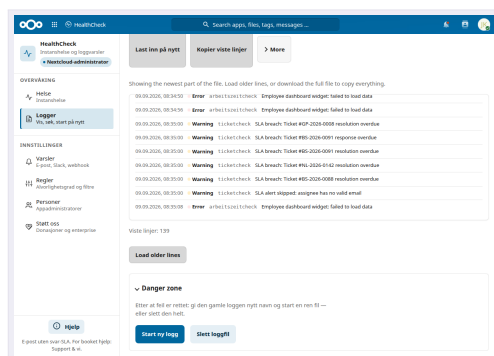
The newest part of the file is shown. Search also covers only that recent part. Under **More: Show raw lines**; Nextcloud admin only: **Download full file**. When older content is available, **Load older lines** appears; with an empty filter result, **Show all levels** helps.

4.4 Farezone (kun Nextcloud-administrator)

In the **Danger zone**:

- **Start ny logg** — set the old file aside and start an empty live file (confirm `START_FRESH`),
- **Slett loggfil** — delete completely (confirm `DELETE`).

In the confirmation dialog: field **Bekreftelse**, buttons **Avbryt** and **Bekreft**. If the file is not writable from here, a hint asks the host for file permissions.



Danger zone with **Start ny logg** and **Slett loggfil**.

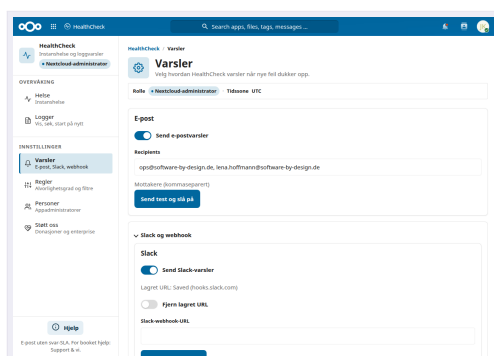
If the backend is not file-based, **Kan ikke åpne logger** appears. On read errors, check file permissions — the same cause can block download and the danger zone; switch back to **Gjeldende logg (overvåkes for varsler)** if needed. For day-to-day use, **Errors+** plus a short search usually suffice; raw lines and full download are diagnostic aids — alerts still depend only on the watch switch, active channels and the rules.

5 Varsler

Under **Varsler** velger De hvordan HealthCheck rapporterer nye feil. Lagre med **Lagre**. Per kanal aktiveres levering med **Send test og slå på** — først da er kanalen klar.

5.1 E-post

In the **E-post** section, turn on **Send e-postvarsler**, enter recipients comma-separated in **Recipients**, and confirm with **Send test og slå på**. Without a successful test the channel stays inactive even if recipients are already listed.



E-post section under **Varsler**.

5.2 Slack og webhook

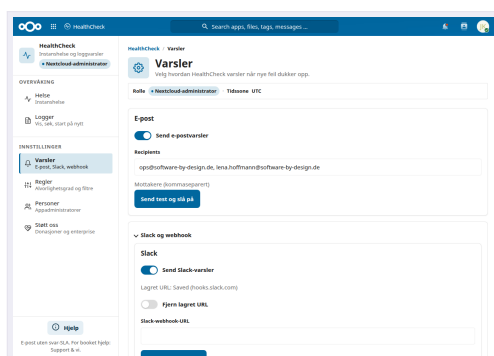
In the **Slack og webhook** disclosure you also configure Slack and a generic webhook.

5.2.1 Slack

Turn on **Send Slack-varsler** and enter the **Slack-webhook-URL**. An empty URL field keeps the address already stored. With a saved URL you see **Lagret URL** (masked) and optionally **Fjern lagret URL**. Then **Send test og slå på**.

5.2.2 Webhook

The same sequence applies to **Send webhook-varsler** and **Webhook-URL**, including **Lagret URL** / **Fjern lagret URL** and the test button.



Slack og webhook and **Flere alternativer**.

5.3 Flere alternativer

Under **Flere alternativer** you enable **Varsler i appen** for entitled users — also with **Send test og slå på**.

Only Nextcloud admins additionally see:

- **Inkluder korte loggutdrag** — warning about passwords, tokens and personal data; to enable, type CONFIRM in **Skriv CONFIRM for å aktivere utdrag**,
- **Tillat webhook-adresser i private nettverk** — off by default; only when you knowingly need it.

5.4 Kanal deaktivert og hemmeligheter

After repeated failures a channel may disable itself: hint *Channel disabled after repeated failures*. and button **Aktiver igjen og test**. Until a new test succeeds, messages on that channel stay off. If stored channel secrets cannot be read, the same warning as on the Health page appears — re-enter webhook URLs and save; the link **Administrer varsler** leads here.

The UI works channel by channel with **Send test og slå på**. A separate **Slå på varsler** button is not visible in the current web UI even though the API endpoint exists.

6 Regler

Under **Regler** styrer De når og hvor ofte varsler utløses. **Lagre** bruker innstillingene. Visningsfiltre under **Logger** endrer ikke disse reglene — de påvirker bare visningen.

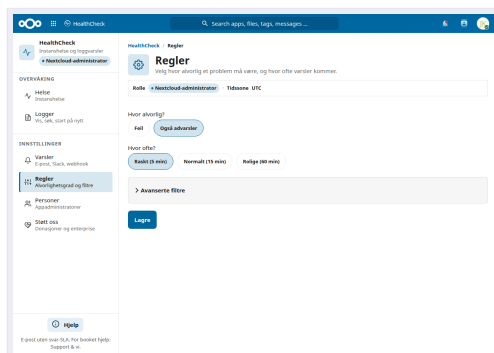
6.1 Hvor alvorlig? / Hvor ofte?

Group **Hvor alvorlig?: Feil** (level 3) or **Også advarsler** (level 2). Group **Hvor ofte?** sets the digest window: **Raskt (5 min)**, **Normalt (15 min)** or **Rolige (60 min)**.

6.2 Avanserte filtre

Under **Avanserte filtre: Hvilke apper som skal overvåkes** (**Alle apper**, **Bare disse appene**, **Alle unntatt disse appene**), **Appnavn for filteret over (kommaseparert)**, **Ignorer matchende meldinger (ett mønster per linje)** and **Demp alltid disse appene (kommaseparert)**. HealthCheck (logcheck) stays muted by default.

Recommended order: severity → digest timing → optional filters → **Lagre** → verify on **Helse** or with a channel test. Overly narrow app filters or aggressive regex muting are common causes of missing alerts — check the filters before blaming channels or cron.



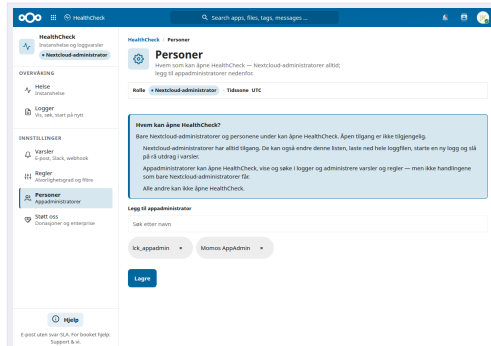
Regler: severity, timing and **Avanserte filtre** on one page.

7 Personer

Under **Personer** ser De hvem som kan åpne HealthCheck. Nextcloud-administratorer redigerer listen; app-administratorer ser den skrivebeskyttet.

7.1 Hvem kan åpne HealthCheck?

The explanation block **Hvem kan åpne HealthCheck?** makes clear: only Nextcloud admins and listed people; open access is not available. Nextcloud admins may change the list, download, start a fresh log and raw excerpts. App admins use Health, logs, alerts and rules without admin-only actions. Everyone else sees **Ikke autorisert**.



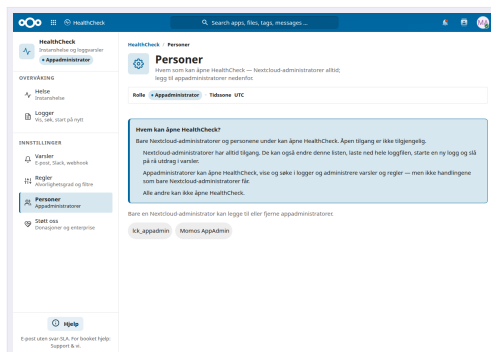
Personer as Nextcloud admin with explanation and app-admin list.

7.2 Administrer app-administratorer

Field **Legg til appadministrator** / **Søk etter navn** (at least two characters), chip in **Appadministratorer**, remove and **Lagre**. At most 100 entries; unknown identifiers are rejected. Newly listed people can open HealthCheck immediately.

7.3 Visning som app-administrator

App admins open **Innstillinger** → **Personer** and see explanation plus list — without search field, chip removal and **Lagre**. Instead: *Only a Nextcloud admin can add or remove app admins*. Granting access requires a Nextcloud admin; the API otherwise rejects mutations with `LCK_FORBIDDEN`.

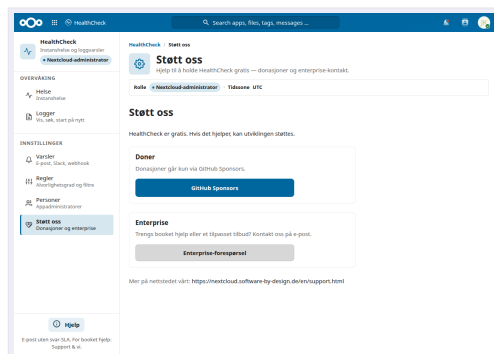


Personer as App admin: list visible, editing locked (no **Lagre**).

8 Støtt oss

The **Støtt oss** page (nav under **Innstillinger**) explains that HealthCheck is free and how you can support development.

Section **Doner**: donations go through GitHub Sponsors only — button **GitHub Sponsors** opens the sponsors page in a new window. Section **Enterprise**: for booked help or a custom quote use **Enterprise-forespørsel** (email). Where shown, **Mer på nettstedet vårt** links to the product page.



Støtt oss with donations and enterprise.

This page is separate from the sidebar footer **Hjelp** (report a problem / suggest improvements).

9 Feil, FAQ og ordliste

9.1 Vanlige meldinger

Kan ikke overvåke Log backend is not file, or several servers without a shared log file. The Health page shows the detected log type; watching and alerts stay off.

Kan ikke åpne logger The same backend limit on the Logs page — viewer and search are missing until file-based logs are active.

Stuck background checks Hint text about cron; badge may show **Trenger sjekk** or **Looks stuck**. First try **Sjekk igjen**, otherwise contact the host about Nextcloud cron.

Unreadable channel secrets Stored webhook URLs cannot be decrypted — under **Varsler** re-enter URLs and save.

Channel disabled After repeated delivery failures — **Aktiver igjen og test**. Until then, messages on that channel stay off.

Ikke autorisert Neither Nextcloud admin nor App admin; only **Tilbake til Nextcloud** (chapter 1).

Log not readable / not writable Check file permissions on the server; danger zone and download need write access to the live file.

9.2 FAQ

Why no alerts? **Watch log file** must be on, at least one channel active and not disabled, rules not too strict, and Nextcloud cron must run. Use **Send test og slå på** per channel.

Why no download? **Download full file** and the **Danger zone** are reserved for Nextcloud admins. App admins do not see those entries.

Does the log filter change alerts? No. **Filter what you see** affects only the view under **Logger**. Alert logic lives under **Regler**.

What does the Health checklist mean? When watching is on but no channel is ready: items **Set up at least one alert channel** and **Watch log file is on** plus link **Set up alerts**.

Why does a channel stay off? After failures it may auto-disable — message *Channel disabled after repeated failures*. with **Aktiver igjen og test**. Check recipients, webhook URL and host firewall.

Several servers — what now? Without a shared log file HealthCheck shows **Kan ikke overvåke**. Either one shared file for all nodes or leave watching off.

Can ordinary users read along? No. Without the admin group and without an entry under **Personer** they only see **Ikke autorisert**.

Save is rejected — why? Concurrent edits can trigger a version check. Reload the page and **Lagre** again. Too frequent API calls return `LCK_RATE_LIMIT`.

9.3 API-feilkoder (for administratorer)

`LCK_FORBIDDEN` Not entitled, or the action is Nextcloud-admin only.

`LCK_VALIDATION` Invalid input (e.g. access mode, unknown user, too many app admins).

`LCK_RATE_LIMIT` Too many API calls — wait briefly and retry.

These codes appear in API responses and logs; the web UI usually shows human-readable hints. On repeated `LCK_FORBIDDEN`, check role and badge, not the network.

9.4 Ordliste

Digest Bundled message in the interval chosen under **Hvor ofte?**.

Cursor Internal byte position in the log file for incremental reading.

App admin Person listed under HealthCheck **Personer** (not necessarily a Nextcloud admin).

Channel Delivery path: email, Slack, webhook or in-app notification.

Live log The current file watched for alerts — not older copies.

Danger zone Admin-only area under **Logger** for **Start ny logg** and **Slett loggfil** (confirmation words required).

Entitlement Server-side grant: Nextcloud admin group or entry under **Personer**.

Check card One of the seven status cards on **Helse** (e.g. HTTPS, Database).

10 Tilgjengelighet

HealthCheck bygger på Nextcloud-chrome og legger til egen struktur for tastatur og skjermlesere. Mål: holde status og handlinger forståelige uten bare farge.

10.1 Struktur og fokus

- Skip link **Hopp til navigasjon**; on the access-denied page **Hopp til hovedinnhold**.
- Semantic headings (`h1/h2/h3`), landmarks (`nav`, `main`) and visible focus rings on switches, chips and buttons.
- The sidebar groups **Overvåking** and **Innstillinger** with descriptive hints per entry.
- Forms under **Varsler**, **Regler** and **Personer** associate labels with inputs; switches use `role="switch"`.

10.2 Status uten bare farge

Status badges always carry a text label — not colour only:

- Summary: **Alt ser bra ut**, **Trenger oppmerksomhet**, **Kritisk**, **Ukjent**
- Watching: **Av**, **Overvåking**, **Kan ikke overvåke**, **Trenger sjekk**
- Check cards mirror the same state text in the card header

Warnings (**Kan ikke overvåke**, stuck cron runs, unreadable secrets) appear as callouts with role `status` or `alert`. Live regions announce loading and saving for screen readers.

10.3 Hjelp og tilbakemelding

In the sidebar, **Hjelp** opens a menu:

- **Rapporter et problem**,

- **Foreslå en forbedring,**
- optionally **Åpne GitHub Issues** (new window).

The note under the menu explains that email has no reply SLA; for booked help the UI points to the commercial support path (**Støtt oss** / enterprise contact). The **Ikke autorisert** page (chapter 1) follows the minimal-shell pattern: clear heading, one warning and exactly one primary action **Tilbake til Nextcloud** — without hidden navigation into protected areas.

Om Software by Design

Software by Design utvikler Nextcloud-apper for organisasjoner som vil hoste egne data — fra tidsregistrering og prosjekter til lager, flåte og kunderelasjoner. Hver app kjører fullt ut på din Nextcloud-instans; webgrensesnittene er gratis (AGPL).

Selskap

- **Nettsted:** <https://nextcloud.software-by-design.de/>
- **Partner & tilbud:** <mailto:info@software-by-design.de>
- **Rapporter feil / foreslå forbedring:** <mailto:dev@software-by-design.de>

Support & bidrag

HealthCheck er gratis på din Nextcloud (AGPL). Feilrapporter og fornuftige ideer via GitHub eller e-post er en del av open source-vedlikehold — uten garantert svartid.

I appen

Under **Innstillinger** → **Hjelp & support** (navigasjonschip kan fortsatt vise **Support us**) finner du de samme alternativene som på nettstedet vårt: partner-tilbud, oppstart, bestilt funksjon og frivillig støtte.

Check Partner (fakturerbar)

Trenger organisasjonen din planleggbare hjelp med faktura — oppstart, timpakker, prioritert e-post — velg **Check Partner**. Det er en tjeneste med tilbud og faktura, ikke en donasjon.

- Pakker og vilkår på support-siden: <https://nextcloud.software-by-design.de/nb/support/>
- Be om partner-tilbud: <mailto:info@software-by-design.de?subject=Partner-foresp%C3%B8rsel>

Andre fakturerbare alternativer

- **Oppstart & opplæring** — fjernoppsett eller workshop for teamet ditt.
- **Bestilt funksjon** — avgrenset endring med akseptkriterier og leveringsdato.
- **Offisielle mobil- & terminallisenser** — der det tilbys for HealthCheck; navngitte plasser med faktura.

GitHub Sponsors (frivillig)

Frivillig støtte uten faktura-SLA — vi setter pris på det, men det er valgfritt:

<https://github.com/sponsors/aSoftwareByDesignRepository>

Juridisk merknad

Denne håndboken erstatter ikke juridisk, skattemessig eller compliance-rådgivning. Tredjeparts produkt navn og varemerker tilhører respektive eiere.

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