

Nextcloud?External Storage?????Array to string conversion?????

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Nextcloud 28.x??

“ Array to string conversion at /var/www/html/nextcloud/lib/private/Files/Cache/Scanner.php#224

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1. Nextcloud 28.x???????????
2. External Storage???????????????
3. ?????????S3????S3????????????????????????????????????
4. ?????????????????????????????????

?:[Nextcloud Hub 8, copying files to an External Storage configured as primary storage isn't reliable](#)

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- Ubuntu 20.04
- Nextcloud 29.0.0
- PHP 8.1
- Apache 2.4
- ?????????????????????wasabi???

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??issue?

“ Pretty sure this would be fixed by #43794. At least in my limited testing using the merge request as a patch: <https://patch-diff.githubusercontent.com/raw/nextcloud/server/pull/43794.diff>

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1. root??????
2. ?????????????
3. ???????????
4. Apache????????

root??

```
sudo su -
```

Nextcloud?www-data??

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- Nextcloud????????????????

```
cd /var/www/html/nextcloud && pwd
```

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```
cd lib/private/Files/Cache
```

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- Scanner.php????????????

```
cp -pi Scanner.php /path/to/backup/directory/Scanner.php.$(date +%Y%m%d)
```

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- ?????????

```
diff -u Scanner.php /path/to/backup/directory/Scanner.php.$(date +%Y%m%d)
```

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- wget??????

```
sudo -u www-data wget https://patch-diff.githubusercontent.com/raw/nextcloud/server/pull/43794.diff
```

- ?????

```
sudo -u www-data patch < 43794.diff
```

```
patching file Scanner.php ??????OK???
```

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- ????

```
diff -u /path/to/backup/directory/Scanner.php.$(date +%Y%m%d) Scanner.php
```

- ????

```
    }

    // Only update metadata that has changed
-   $newData = array_diff_assoc($data, $cacheData->getData());
-
+   // i.e. get all the values in $data that are not present in the cache already
+   // NOTE: we serialize then unserialize here because array_diff_assoc() doesn't
+   // support multidimensional arrays on its own (and otherwise internally casts any
+   // embedded array elements to attempt to compare them - not only generating
warnings
+   // like "Array to string conversion" but also, as a result, overlooking real
differences)
+   $newData = array_diff_assoc(
+       array_map('serialize', $data),
+       array_map('serialize', $cacheData->getData())
+   );
+   $newData = array_map('unserialize', $newData);
+
    // make it known to the caller that etag has been changed and needs propagation
    if (isset($newData['etag'])) {
        $data['etag_changed'] = true;
    }
}
```

- Apache???

```
systemctl restart apache2.service
```

```
??root?????????sudo?????????
```

- ??????????

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1. ?????Nextcloud????????????????????
2. ???

Revision #4

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