

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??

???

??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????????????????????????????????????

????????

- 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)
```

????????????????

- ?????

```
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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