Android Deep Link Handling

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Deep linking in Android allows your application to be launched directly from a URL, making it easier for users to navigate to specific content within your app. Starting from Android 12, handling deep links requires additional configuration using an `assetlinks.json` file to ensure the app and the host domain are properly associated.

Android 11 and Below

For Android 11 and below, deep linking is straightforward and does not require additional configuration beyond the usual manifest settings.

Android 12 and Above

For Android 12 and above, an additional configuration step is required to verify the relationship between your app and the host domain using the `assetlinks.json` file.

Creating assetlinks.json

Create a file named `assetlinks.json` and host it in the .well-known directory of your website (e.g., https://www.cloud.example.com/.well-known/assetlinks.json).

Example `assetlinks.json`:

```
[
  {
```

```
    "relation": ["delegate_permission/common.handle_all_urls"],
    "target": {
      "namespace": "android_app",
      "package_name": "com.cloud.example.nextcloud",
      "sha256_cert_fingerprints": [

"FB:00:95:22:F6:5E:25:80:22:61:B6:7B:10:A4:5F:D7:0E:61:00:31:97:6F:40:B2:8A:64:9E:15:2D:ED:03:
73"
      ]
    }
  }
]
```

Nextcloud Configuration Limitation

Due to the additional requirement of hosting an `assetlinks.json` file for Android 12 and above, Nextcloud cannot configure the Android client for all different hosts. This is because each host needs its own `assetlinks.json` file to establish a verified relationship with the app, and Nextcloud cannot manage this file for every possible host domain.

□□□ #1
□ cocobook-sync □□□ 2026-10-28 16:26:53 UTC
□ cocobook-sync □□□ 2026-10-28 16:26:53 UTC