FAQ - Lookup caching

Valid for:	N610	N670	N870	N870E	Embedded Integrator	Virtual Integrator

Valid for N610 / N670 / N870 / N870E.

When using the phonebook lookup feature, by default with every incoming call the device will do a phonebook lookup to match the incoming number with a name.

This can cause load on the server hosting the phonebooks. To reduce the load and have a faster name presentation we have the following options.

1. From software 2.52: If CNIP is available do not start a lookup
2. Caching with the options listed below

CNIP has priority over lookup

From software 2.52 we have implemented that if CNIP information is available, we do not do an Lookup.

This can be disabled via:

- Auto-provisioning
- Web-interface (Software 2.57.0 or higher)

Provisioning

Provisioning example how to change the behavior.

```
<?xml version="1.0" encoding="UTF-8"?>
<provisioning version="1.1" productID="e2">
    <nvm>
                <!-- 1 = Enabled (Default), 0 = Disabled -->
        <param name="DmGlobal.0.CNIPOverAutolookup" value="0" />
    </nvm>
</provisioning>
```

Web-interface:

In the web-interface go to: **Settings - Mobile devices - Administration**



Caching

Parameter	
Netdir.<x>.CachingType For value x see: FAQ - Directories number list	
Example for LDAP (x=0): <param name="Netdir.0.CachingType" value="1"/>	
Value	
0	Buffer entries (For cache size see below)
1	ask every lookup (Default)
2	refresh after 15 minutes
3	refresh after 1 hour
4	refresh after 6 hour
5	refresh after 12 hour
6	refresh after 18 hour
7	refresh after 1 day
8	refresh after 2 days
9	refresh after 3 days
10	refresh after 5 days
11	refresh after 1 week

The Cache Size is default 100 entries.

Parameter	
DmGlobal.0.LookupCacheSize	
<param name="DmGlobal.0.LookupCacheSize" value="100"/>	
0	Minimum Value
100	Maximum Value

These settings can only be changed via auto-provisioning.