

# FAQ Nx70 - Lookup caching

## Introduction

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. The N870 has from software 2.17.2 a new feature.

Valid for:

N670

N870

Parameter	
Netdir.<x>.CachingType	
For value x see: <a href="#">FAQ Nx70 - Directories number list</a>	
Example for LDAP (x=0):	
<code>&lt;param name="Netdir.0.CachingType" value="1"/&gt;</code>	
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	
<code>&lt;param name="DmGlobal.0.LookupCacheSize" value="100"/&gt;</code>	
0	Minimum Value
100	Maximum Value



These settings can only be changed via auto-provisioning.