

NHS Mail LDAP requirements and flow of email.

This document attempts to describe the required LDAP attributes for a user in order that they may have mail successfully routed to their mailbox. It also shows the desired status of the account after a rename.

It is not intended to represent the current status of the platform. But should reflect the intent of the design. Where possible difference between the design and the reality will be detailed. Nor does it detail other LDAP requirements, such as the additional mailAlternateAddress attributes needed by the portal.

Initial LDAP Object status

mail:	tristan.colgate@nhs.net
miLoginID:	tristan_colgate
mailRoutingAddress:	tristan_colgate@nhs.net
mailAlternateAddress:	tristan_colgate@nhs.net

– the current preferred email address.

– The username/mailboxname on the mirapoint device.

– This should be the final delivery address on the message store and preferably is of the form miloginid@nhs.net

– This is a list of the "aliases" for the account and should include all previous email addresses for this account. It MUST also contain the mailRoutingAddress.

Post re-name LDAP Object status

mail:	pamela.colgate@nhs.net
miLoginID:	tristan_colgate
mailRoutingAddress:	tristan_colgate@nhs.net
mailAlternateAddress:	tristan_colgate@nhs.net
mailAlternateAddress:	tristan.colgate@nhs.net

LDAP Object status after further renames

mail:	holly.martins@nhs.net
miLoginID:	tristan_colgate
mailRoutingAddress:	tristan_colgate@nhs.net
mailAlternateAddress:	tristan_colgate@nhs.net
mailAlternateAddress:	tristan.colgate@nhs.net
mailAlternateAddress:	pamela.colgate@nhs.net

mail always represents the current preferred email address

All previous email addresses persist in the LDAP object.

MessageDirector

Message director passes mail to EXIM, it does nothing else.

EXIM

EXIM verifies the recipient address and then passes the mail to the Message Store using the mailRoutingAddress. It always does this when the received address differs from that of the MailRouting address – otherwise the received address is used.

MessageStore

The message store resolves the to address (actually the mailRoutingAddress) to a mailbox name.

