



NuPoint communication with MS Exchange

The NuPoint Messenger currently uses direct IMAP or MAPI connections through the NuPoint MAPI server to communicate with MS Exchange 2003 or 2007.

NuPoint R3 (2009) is the latest available release.

The NuPoint Messenger IMAP solution uses an un-encrypted session to communicate with the Exchange Server. The following facts hold true for NuPoint IMAP connections:

- Earlier NuPoint releases (R11) support IMAP connections to the Exchange server. To establish a connection to the Exchange server, it uses the superuser name/password, and not individual username/password pairs.
- NuPoint R3 supports IMAP connection to the Exchange server. To establish a connection to the Exchange server, it uses the username/password.

The following facts hold true for NuPoint Messenger MAPI connections:

- Earlier NuPoint releases (R11) supports MAPI connections to the Exchange server. NuPoint connects to the MAPI server using username/password in clear text. However, the MAPI connection to Exchange server is encrypted and secure.
- NuPoint R3 supports MAPI connections to the Exchange server. NuPoint connects to the MAPI server using username/password in clear text, however the password is not a real user password. It uses a dummy values. Also, the MAPI connection to Exchange server is encrypted and secure.

The risk due to this vulnerability can be reduced by taking the precautions mentioned below:

- Limit the connection between NuPoint and the Exchange server to the internal network, thus reducing the scope of vulnerability.
- Use a MAPI server, and place it on the same switch as NuPoint. This will limit clear text communication to that switch. The MAPI server will then use an encrypted session to communicate with the Exchange server.

