



Nortel Mobile Client Accelerator 3.3 Product Release Notes

Release 3.3
February 4, 2008

Introduction

This document contains the release notes for Nortel Mobile Client Accelerator version 3.3.1297.

This is the Generally Available (or GA) release for evaluation and/or production use. Please provide any feedback you may have on this release to Support@Nortel.com.

Instructions for use of this product are detailed in the following documents:

- Nortel Mobile Client Accelerator Integration Guide
- Nortel Mobile Client Accelerator Administration Guide
- Nortel Mobile Client Accelerator Client Software User Guide
- Nortel Mobile Client Accelerator Mobile Client Software User Guide

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Nortel Mobile Client Accelerator 3.3 New Features

Release 3.3 includes the following new features and enhancements.

Feature	Description
Transparent CIFS optimization	Acceleration of SMB/CIFS traffic without requiring the user to run Accelerated Folders.
Improved HTTP Prefetching	Improved prefetch ratios for previously browsed sites. This functionality has a big impact especially for enterprise web applications.
Windows Vista Client	Nortel Mobile Client Accelerator Client now runs on Windows Vista.
Outlook 2007 support	MAPI optimization for Outlook 2007 to Exchange 2000/2003 traffic.
Advanced Server Selection	Elegant, easy to configure, and flexible server farm selection and load balancing logic – see Admin Guide.
MCA Manager UI redesign	Simple, understandable, logical, and more responsive user interface for MCA Manager.
Full client configuration control	All client configuration options are now configurable by the admin on the server-side via MCA Manager.
Admin Toolkit removal	The creation of the client distribution is now performed via MCA Manager in a one-step process with predefined default settings. This process is much less error prone.
New tray icons	Simple and static tray icon updated for Vista.

Production-ready client upgrades and downgrades	Automatic client upgrade creation and transparent application now supported for non-Administrator users.
Reset TCP connections on session initialization	Transparent re-establishing of already connected and persistent TCP connections allows Nortel Mobile Client Accelerator to be more aggressive about which connections it accelerates.

Changes

- Reset TCP connections on session initialization for MS Outlook is done automatically without regard to MCA Manager configuration settings. This solves CR 5784.
- MCA Manager updates include:
 - IP Routability Scheme is now configurable through MCA Manager.
 - Simplified User Interface configuration option is available.
 - “Enable High Speed Bypass” setting substitutes “Do not proxy high speed connections” (CR 5738).
 - Graphs updates.
 - Missing value denominations are added (CR 5749).
- The prompt to accept the MCA root CA has been removed. We now silently install the MCA root CA if high performance https is enabled. By default, https is not enabled so enterprises must “opt-in”.
- Accelerated Folders feature is off by default but can be enabled via MCA Manager. Transparent SMB is the preferred mode for most uses.
- Nortel Mobile Client Accelerator client GUI (MCA Manager) has been simplified -- the email image quality selection option and packaged images compression checkbox removed.
- MCA Manager updates include:
 - New Monitoring page has been added including traffic summary and compression summary charts and graphs of performance counters logged over time.
 - Default values for HTTP Bypass and HTTP Prefetching Setting have changed to turn off bypass by default and enable more aggressive http prefetching.
 - Outlook Diagnostic Mode setting and Encrypt Traffic option are added to the client configuration page and are enabled by default.
 - Option to increase client system reports size is added.
 - Acceleration type to support VoIP monitoring is added to Proxied Process List page.

Fixes

- IP Aliasing support bug is fixed. CR 5439.

- Online help for the Nortel Mobile Client Accelerator client has been updated. CR 5442.
- Nortel Mobile Client Accelerator support for multiple Terminal Server users is repaired. CR 5270.
- Livelink web application acceleration problem is fixed. CR 5499.
- No acceleration of a zip files download via http problem is addressed. CR 5504.
- Nortel Mobile Client Accelerator support for Windows 98 is fixed. CR 5502.
- Upper value restrictions on heartbeat start delay and connection dead delay in MCA Manager network settings configuration are removed. CR 5596.
- Bug that caused transparent SMB performance problems is fixed. CR 5542.
- Bi-directional Delta Cache performance issue on Windows Vista is addressed. CR 5636.
- Outlook bug in 3.2.2 release that held mail in outbox queue requiring session restart is fixed. CR 5629.
- Bugs that caused occasional Outlook hangs when sending an email with an attachment (CR 5783) and "Connection to the Microsoft Exchange Server has been restored" pop-up messages (CR 5784) have been fixed.
- Issue that caused system reports not to generate when BlackBox URL MCA Manager setting was left blank is resolved (CR 5627).
- Connection Monitor sometimes reporting wrong raw and compressed byte numbers has been fixed (CR 5525, 5763).
- Bug that caused problems with enabling and disabling of Accelerated Folders option is fixed (CR 5720, 5723, 5724).
- Negative Delta Cache size readings in MCA Manager issue is resolved (CR 5560).
- Problem that has caused MCA client crash post FTP file download is resolved (CR 5760).
- Incorrect Round-Trip-Time reports in Connection Monitor is fixed (CR 5725).
- Issues that caused problems with acceleration of files transfer from EMC Celerra file servers are resolved (CR 5792).
- MCA Manager installation on 64-bit servers is repaired (CR 5800, 5799).

Known Issues

CR5886 - When creating a client distribution through MCA Manager, running on Windows 2003 server, the client distribution will not include the executable, ClientSetup.exe, which prevents the installation on Windows Vista. To workaroud this issue, manually move the file \ProgramFiles\Nortel\MCAserver\clientdistributions**<buildnumber>**\ClientSetup.exe to the folder that ClientDistribution.cab was extracted to.

CR 5820 – You may receive the error "Failed to package distribution. Could not set address properly on installer" when creating a client distribution in MCA Manager. This error can occur if MCA Manager/.NET Runtime is installed on a Windows machine that is a Domain Controller. Some manual configuration of ASP.NET and Windows is required to avoid this error. See this URL for more info:
<http://support.microsoft.com/kb/315158>

CR 5836 – MCA clients installed on Windows 98 OS cannot be automatically upgraded to the current version.

CR5440 -- Transparent SMB does not support persistent session feature. Connections opened via transparent SMB will not be maintained when a short network outage occurs.

CR 5441 -- Scrolling down a large Accelerated Folders directory that contains thousands of files and folders very quickly freezes the explorer window.

CR5217 – There may not be warnings indicating to Administrators to restart the server for configuration changes to take effect. Workaround: restart the server after server configuration changes are made in MCA Manager.

CR5181 - Disabling accelerated folders through client config update requires Nortel Mobile Client Accelerator to restart in order to take effect.

CR5166 - Cannot download client distribution .cab file from MCA Manager using IE7 on some Windows 2003 machines.

CR4071 – Incompatible with Microsoft Firewall Client. Nortel Mobile Client Accelerator client installs successfully but MFC does not work properly until Nortel Mobile Client Accelerator client is uninstalled.

CR5124 - Incompatible with NOD32.

CR5052 - Incompatible with F-Secure Anti-Virus.

CR5037 - Nortel Mobile Client Accelerator does not work on Guest accounts.

CR5019 - Nortel Mobile Client Accelerator bypasses after Trend Micro Internet Security 2007 is installed.

CR5008 - Nortel Mobile Client Accelerator causes an unexpected prompts for credentials for file server in some configurations.

CR4938 - HTTPS high-performance acceleration only works with Internet Explorer.

CR4911 - Component upgrades (automatic client upgrades when server is upgraded) from 3.2.2 to 3.3 are not supported.

CR5401 - Setting up a server machine that had any enterprise version prior to 3.3 installed or migrating from AcceleNet to Nortel Mobile Client Accelerator requires the following operations: Uninstall all components of prior version (AcceleNet Server, AccelMin, AccelMon) using Add/Remove programs, restart machine, delete license.dat under "C:\Documents and Settings\All Users\Application Data\ICT", then install 3.3.

CR5448 - Transparent CIFS requires special configuration when Windows file servers are not using the default settings, namely CIFS file servers that serve both SMB hosted directly over TCP/IP (port 445) and NetBIOS over TCP/IP (port 139).

CR5687 - If HTTPs acceleration is enabled, component upgrade of Nortel Mobile Client Accelerator client 3.3.1247.0 (FA) to the current GA release 3.3.1289.0 Nortel Mobile Client Accelerator client will cause client restart. After upgrade at first attempt to connect to the server Nortel Mobile Client Accelerator client will restart with "Protocol or data problem" message in the connection monitor.

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