**Introduction**

These modification notes contain information relating to a maintenance release of Netop Remote Control 12.70.

As a maintenance release, version 12.76 is free for customers with a valid 12.70 license. To read more about what’s new in Netop Remote Control version 12.70, please refer to the release notes at [www.netop.com](http://www.netop.com).

If you have questions about your license or wish to upgrade to Netop Remote Control 12.70, please contact Netop Customer Service or your local Netop partner for more information.

The Netop Remote Control Portal references the following: the web interface, the communication profile in the components, and the associated services. No changes are required for customers.

**What’s new in Version 12.76**

- For our customers that use Netop Security Server for LDAP authentication, we extended the username length from 32 to 64 characters
- Improved automatic updates for the Netop Guest and Netop Host
- We now have a better mechanism of choosing the license on the Windows Netop Guest/Host and the user can choose the type of license wanted (Portal-only, custom, trial).
A new RADIUS authentication flow with Multi-Factor Authentication

- We implemented a new RADIUS authentication flow involving Multi-Factor Authentication. This enables new ways of authenticating the user, by allowing the 2nd factor authentication to happen independently from the Netop Guest, Netop Host and Netop Security Server. For instance, once the Netop Guest user enters the credentials, RADIUS (depending on how it is configured) will send a push notification to the Netop Guest user's mobile phone. This allows the user to accept or deny the connection. Based on the user’s answer, the RADIUS server then informs the Netop Security Server if the authentication is granted or not. As a result, the Remote Control session is initiated or denied.
Fixes

- When starting the Netop Guest with initialized TCP/IP and *Any initialized profile* selected, the browse list disappeared upon click on a list item
  
  *Support case ref: #101603*

- File Transfer between a Windows Netop Guest and a Linux or macOS Netop Host did not work if the encryption level is other than the default (Netop 6.x/5.x Compatible)

- Resizing of the Remote Control window when using the ‘fit host screen to window’ option now works accurately in the Netop Guest
  
  *Support case ref: #42698*

- If Netop Guest’s stealth mode is enabled, running ngstw32.exe twice at the command prompt or via the Windows shortcut will cause the Netop Guest Window to appear and Portal authentication dialog is no longer displayed
  
  *Support case ref: #44443*

- Black borders were shown in the Remote Control session in some cases when using the RC_AREA netop.ini setting

- In some rare instances, the audit events in the Netop Portal were not associated with the proper Netop Host

- Improved Netop Host behavior in case of device conflict errors.

- A Netop Guest crash preventing Windows 10 and 8.1 to restart was resolved.

- The file transfer from a Linux Netop Guest, which froze when the encryption used was anything other than Netop 6.x/5.x compatible or none, is now working properly

- Help - About: Third Party Copyrights link now works on the Netop Host