

RuggedPing™ v1.1.0 Release Notes

March 26, 2010

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Overview

RuggedPing **v1.1.0** release

- Build Date: March 19, 2010 12:26 pm (EST) File Size: 1,320 kb
 - File Name: RuggedPing.exe
- Installer Creation: March 19, 2009 11:27 am (DST) File Size: 2,014 kb
 - File Name: RuggedPing_V1-1-0_Installer.exe

RuggedPing runs on a Windows XP based personal computer providing a graphical user interface for the evaluation of device reconnection times in a self healing switched network. A Web browser must be available for viewing reports which can be generated at the end of a test cycle and for viewing help screens. A PC with sufficient resources must be used depending on the number of devices under test and the frequency of probes being sent. A stand alone installer has been created for RuggedPing which will install the product and any required supporting components.

The user of this software should have a good understanding of switching fundamentals, the Spanning Tree Protocol and the network topology under test to get the most relevant statistical results.

Users of RuggedPing must be very cautious when using this tool as it has the capability of generating a large amount of network traffic. RuggedPing should not be used on a network carrying mission critical production traffic.

Requirements for installation of RuggedPing:

- 1) A computer with sufficient resources to capture the most accurate statistics for the environment under test.
- 2) A Web browser for viewing reports and Help screens.

Down Loads and User Guides

The software download and user guides are available from the RuggedCom Web site at www.RuggedCom.com. The Web pages should be checked frequently for updates, patches and technical notes,

Changes In v1.1.0 (Bug 2628)

Support more than 16 Devices

Type: Enhancement
Products: RuggedPing
ID: 2629

This enhancement will allow RuggedPing to simultaneously ping up to 256 end devices. The discovery process will allow a user to select up to 256 discovered devices for pinging by the multithreaded pinging engine.

Display Ping Statistics

Type: Enhancement
Products: RuggedPing
ID: 2630

A new status screen has been added to RuggedPing to show Ping related statistics per end device. This now extends RuggedPing's operating mode to collect both Incident and Response statistics.

Improved Report Printability

Type: Enhancement
Products: RuggedPing
ID: 2658

The HTML generated reports in RuggedPing used yellow characters displayed on a black background for certain fields. When the reports were printed the black background was removed, in the printed copy, making it difficult to read the yellow characters on a white background. In order to improve the printed version of the HTML report all affected fields are now displayed with black text on a white background.

Known Issues

None



Binary/User Guide Version Numbering System

RuggedPing has a three digit version numbering system of the form X.Y.Z where each digit is a number starting from zero. The 'X.Y' digits represent the functional version of RuggedPing whereas the 'Z' digit represents the binary patches. The 'X' digit is incremented for a major functional updates of the product. The 'Y' digit is incremented for a minor functional updates of the product. The 'Z' digit is incremented for bug fixes, cosmetic enhancements and other minor issues.

User guides follow the same format. In general, a user guide will have the same 'X.Y' digits as the firmware to which it corresponds.



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Type of Changes

Each change to the firmware is categorized according to the table below to provide a guide as to whether the change justifies upgrading. As well, each change lists an internal RuggedCom change number.

Change Type	Description
Critical	Critical changes fix problems that prevent the basic operation of the device and have no workaround. Any critical changes merit a device upgrade under all circumstances.
Major	Major changes fix problems that prevent the basic operation of the device but do have a workaround. Any major changes merit a device upgrade if the workaround is not acceptable.
New Feature	New features add significant new capability to the device. Such changes may change the basic operation of the device, the user interface, and how the device is configured. New features only merit a device upgrade if the feature is required.
Enhancement	Enhancements improve existing device capability and do not significantly change the basic operation of the device, the user interface, or how the device is configured. Enhancements only merit a device upgrade if the feature is required.
Minor	Minor changes fix non-vital problems that may or may not have a workaround. Minor changes do not necessarily merit a device upgrade unless the specific problem applies.
Cosmetic	Cosmetic changes have negligible impact on device operation and include such updates as spelling mistakes, user interface adjustments, and help text improvements. Cosmetic changes rarely merit a device upgrade.
Security	Security changes usually do not have a discernable impact on normal device operation other than to improve the unit's defensive response to known exploits and vulnerabilities. This might include such updates as enhanced protection against newly discovered denial-of-service (DOS) attacks. It is left entirely to the customer's discretion to decide whether or not a security change is appropriate to merit a device upgrade.



Contacting RuggedCom

For further information on this release or technical support of any nature, please contact RuggedCom at the

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