NavigateWorx

NR500 Series
Industrial Cellular VPN Router

Application Note 018

Upgrade Firmware via Uboot

Version: V1.0.0
Date: 2018/09/15
Status: Confidential

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Directory

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1. Introduction

1.1 Overview

This document contains information regarding the configuration and use of upgrade firmware via uboot.

This guide has been written for use by technically competent personnel with a good understanding of the communications technologies used in the product, and of the requirements for their specific application.

1.2 Compatibility

This application note applies to:
Models Shown: NR500 series.
Firmware Version: V1.0.0(903.0) or newer
Other Compatible Models: None

1.3 Version

Updates between document versions are cumulative. Therefore, the latest document will include all the content of previous versions.

Release Date	Doc. Version	Firmware Version	Change Description
2018/09/15	V1.0.0	V1.0.0(903.0)	First released

1.4 Corrections

Appreciate for corrections or rectifications to this application note, and if any request for new application notes please email to: support@navigateworx.com

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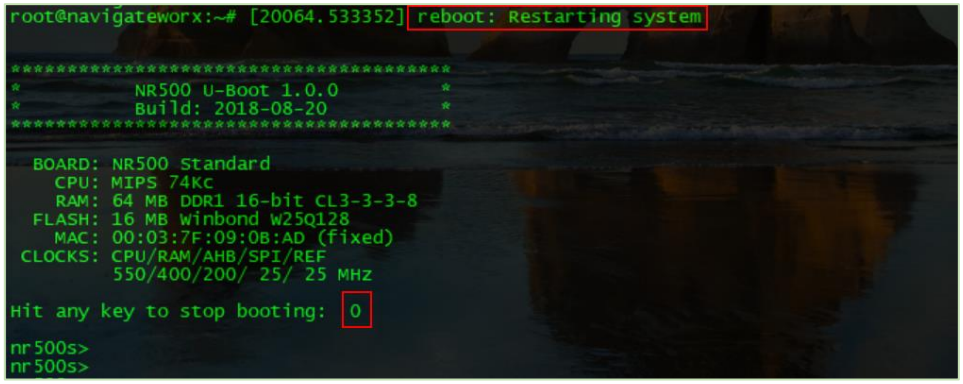
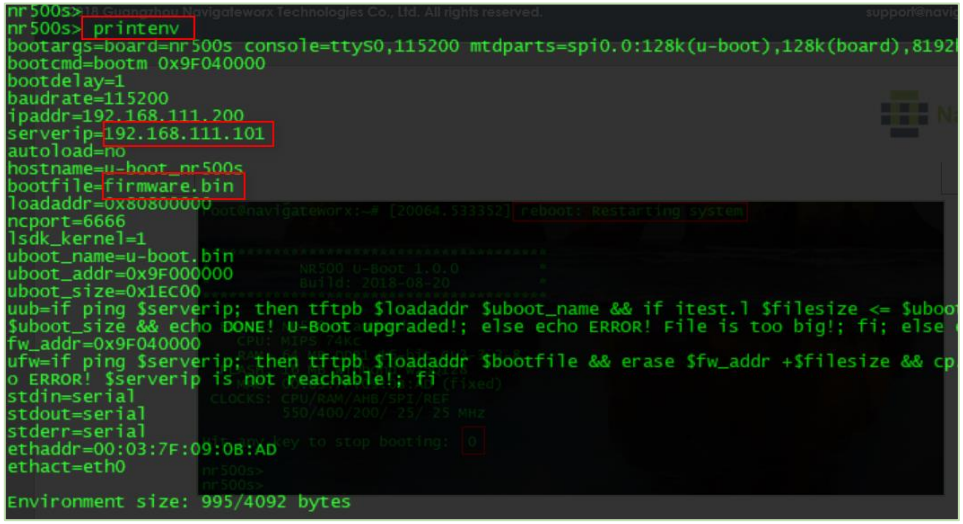
2. Upgrade via Uboot

1. Connected to the router with console cable, then reboot the router, when "booting" to "0", please hit any key board to make the router go into uboot mode.



2. Run the command "**printenv**" to check the info and setup the server IP on the PC accordingly.



3. Setup the correct IP on PC:

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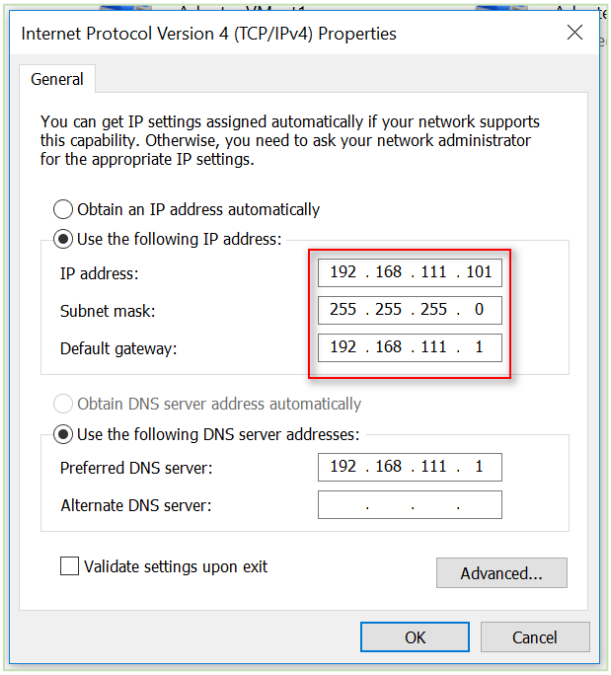
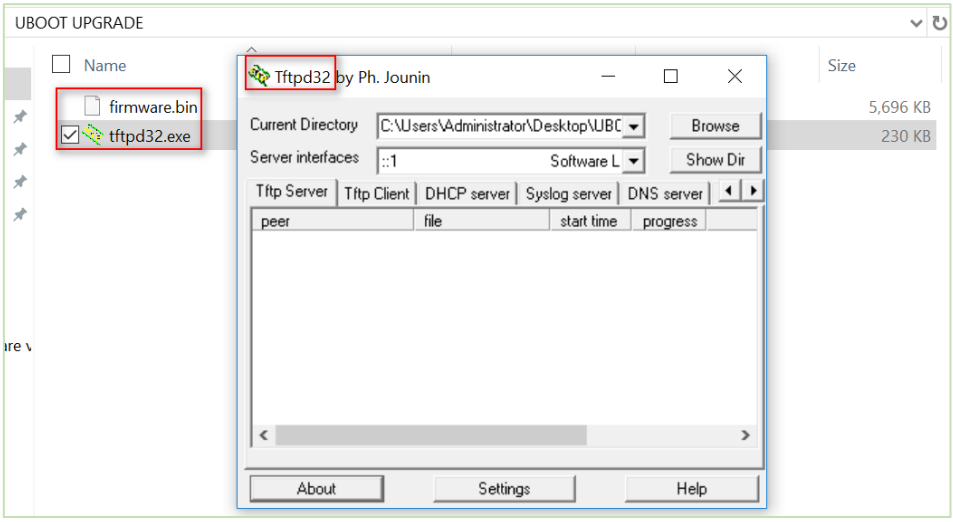


4. Put the firmware and TFTP software in the same folder, and rename the firmware as "**firmware.bin**", then run the TFTP software.



5. Run the command "**run ufw**" to start the firmware upgrade.

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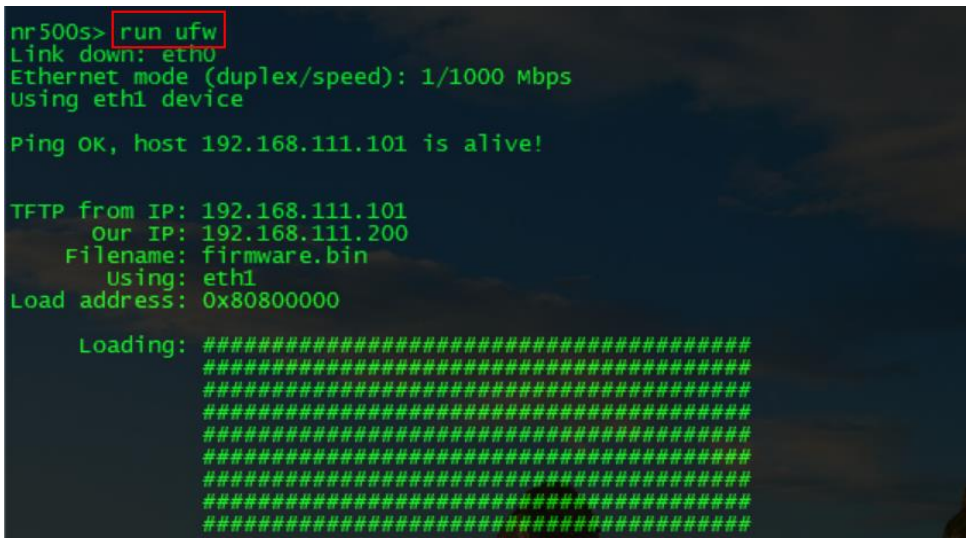
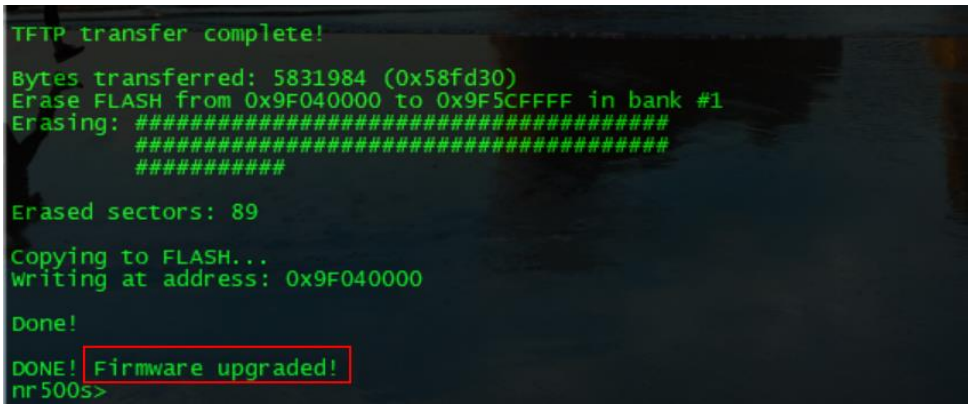


6. Firmware upgraded successfully



7. Run command "**reset**" to reboot the router.

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