

# EKI-7600 Series Managed Switch Update/Backup FW & Configuration SOP

- Update Firmware by TFTP
- Backup Configuration by TFTP
- Restore Configuration by TFTP

Revision Date	Revision	Description	Author
March/2018	V1.0	Initial release	ICG AE Eddie.Wei / Raimen Liu

# Abstract

- ❖ **This SOP explains how to operate *Update/Backup* firmware and configurations on Advantech EKI-7600 series industrial managed switch.**
- ❖ **Related products:**  
EKI-7654, EKI-7656, EKI-7657, EKI-7659, EKI-7758, EKI-7554, EKI-7559  
EKI-2748
- ❖ **Requirement: Advantech managed switch, RJ45 ethernet cable, PC**

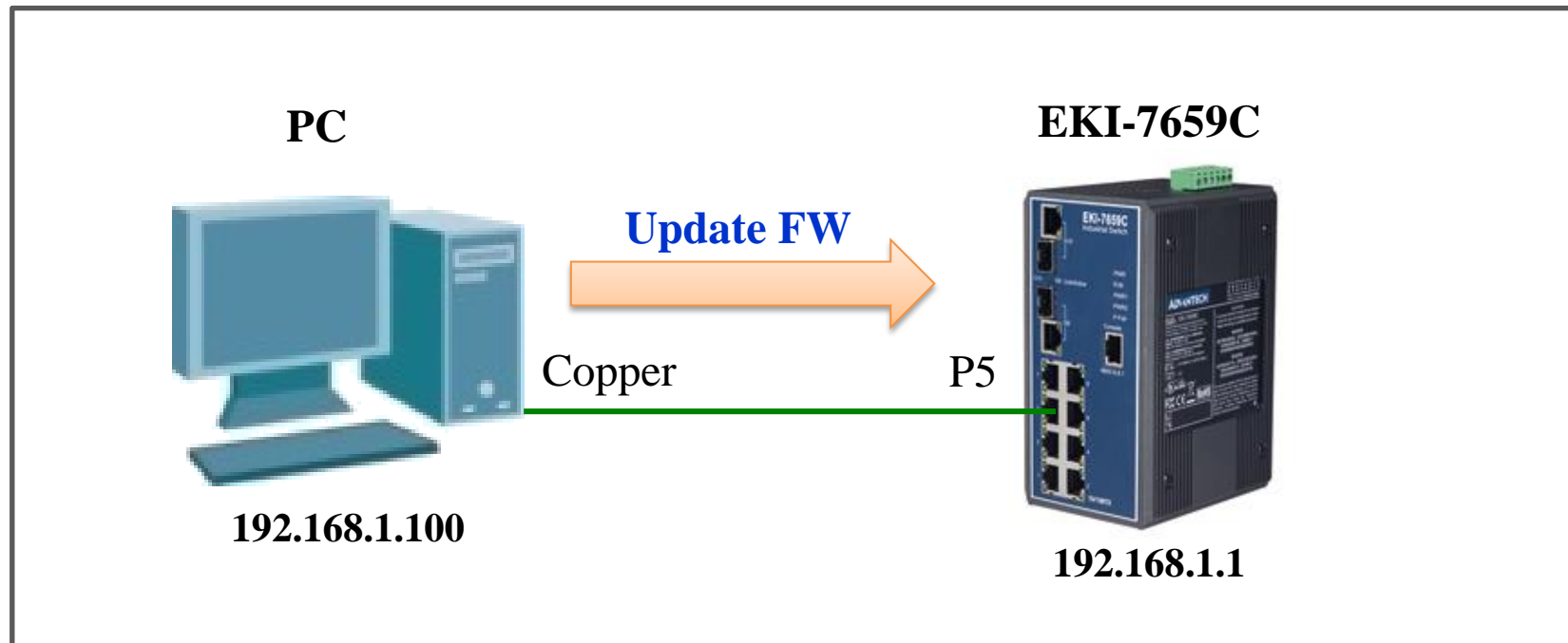


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# Update Firmware by TFTP

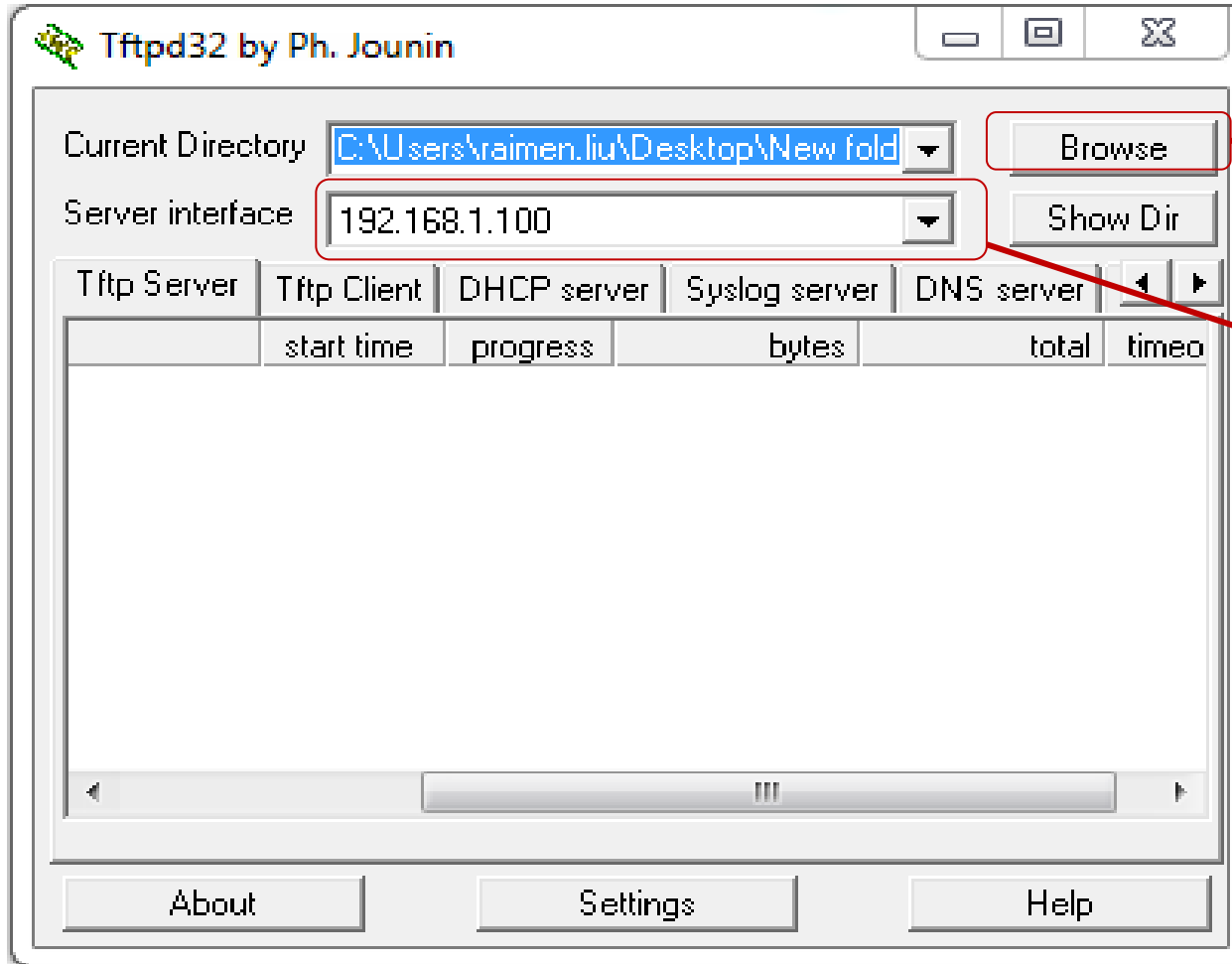
# Update Firmware by TFTP

- Purpose: Update device firmware via TFTP
- Resource requirements: Firmware file, Tftpd 32  
[http://tftpd32.jounin.net/tftpd32\\_download.html](http://tftpd32.jounin.net/tftpd32_download.html)
- Topology:



# Update Firmware by TFTP

- Step 1: Open TFTP and set configuration



**Choose source directory where you put the configuration.**

**TFTP server's IP**

# Update Firmware by TFTP

- Step2: Enter WebGUI and direct to System -> TFTP Transaction

**ADVA TECH** Industrial Switch

### TFTP - Update Firmware

**Update Firmware** | Restore Configuration | Backup Configuration

TFTP Server IP Address: 192.168.1.100

Firmware File Name: image.bin

Apply | Help

Your FULL (includes extension) FW file name

Open all

- Main Page
- System
  - System Information
  - IP Configuration
  - DHCP Server
  - TFTP Transaction**
  - System Event Log
  - Fault Relay Alarm
  - SNTP
  - IP Security
  - User Authentication
- Port
- Protocol
- Security
- Multicast
- Factory Default
- Save Configuration
- System Reboot

# Update Firmware by TFTP

- Result: Finished screen and reboot required.

The screenshot displays the Advantech web interface for an Industrial Switch. The top navigation bar includes the Advantech logo and the device name 'Industrial Switch'. A left-hand sidebar contains a tree view of configuration options, including System, Port, Protocol, Security, and Multicast. The main content area shows a message: 'Restore configuration completed, Please click [Reboot] button to restart switch device.' Below this message is a 'Reboot' button.

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Industrial Switch

Open all

- Main Page
- System
  - System Information
  - IP Configuration
  - DHCP Server
  - TFTP Transaction
  - System Event Log
  - Fault Relay Alarm
  - SNTP
  - IP Security
  - User Authentication
- Port
- Protocol
  - VLAN
  - RSTP
  - SNMP
  - QoS
  - X-Ring Pro
  - LLDP
- Security
- Multicast
  - Factory Default
  - Save Configuration
  - System Reboot

Restore configuration completed,  
Please click **[Reboot]** button to restart switch device.

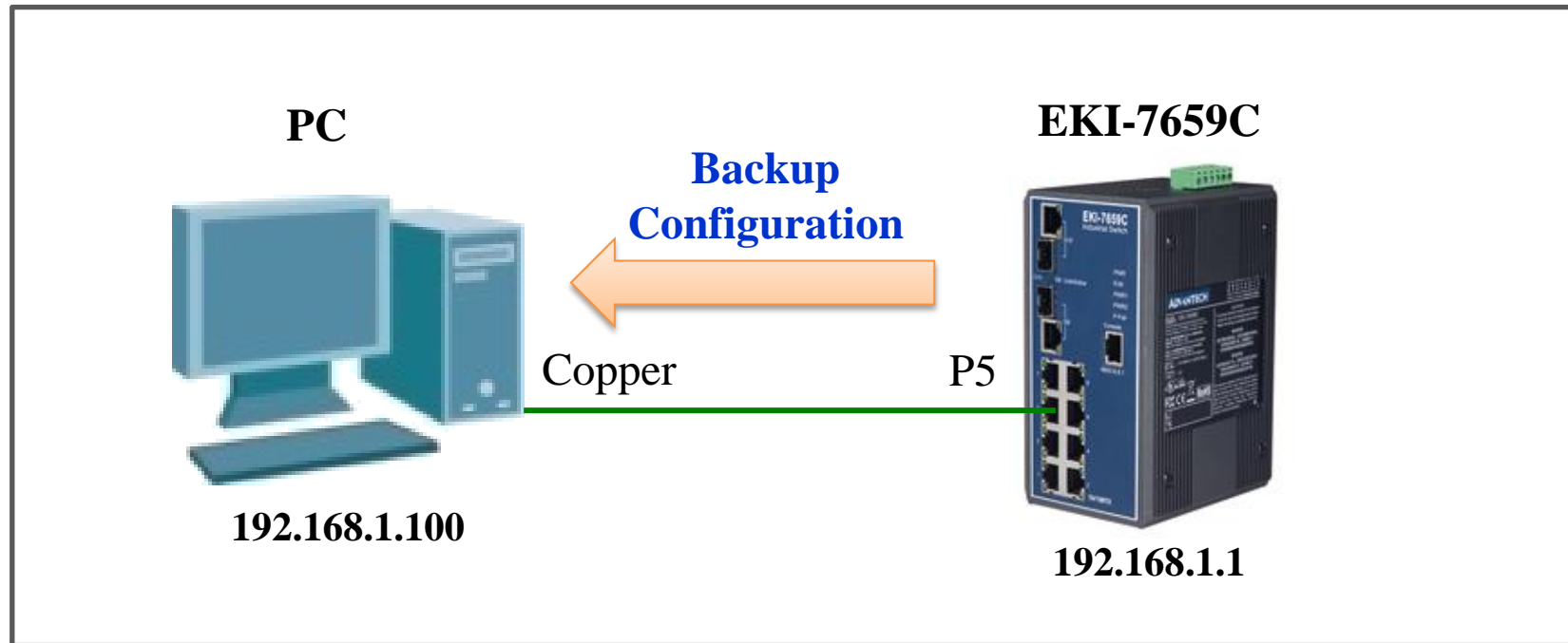
Reboot

# Backup Configuration by TFTP



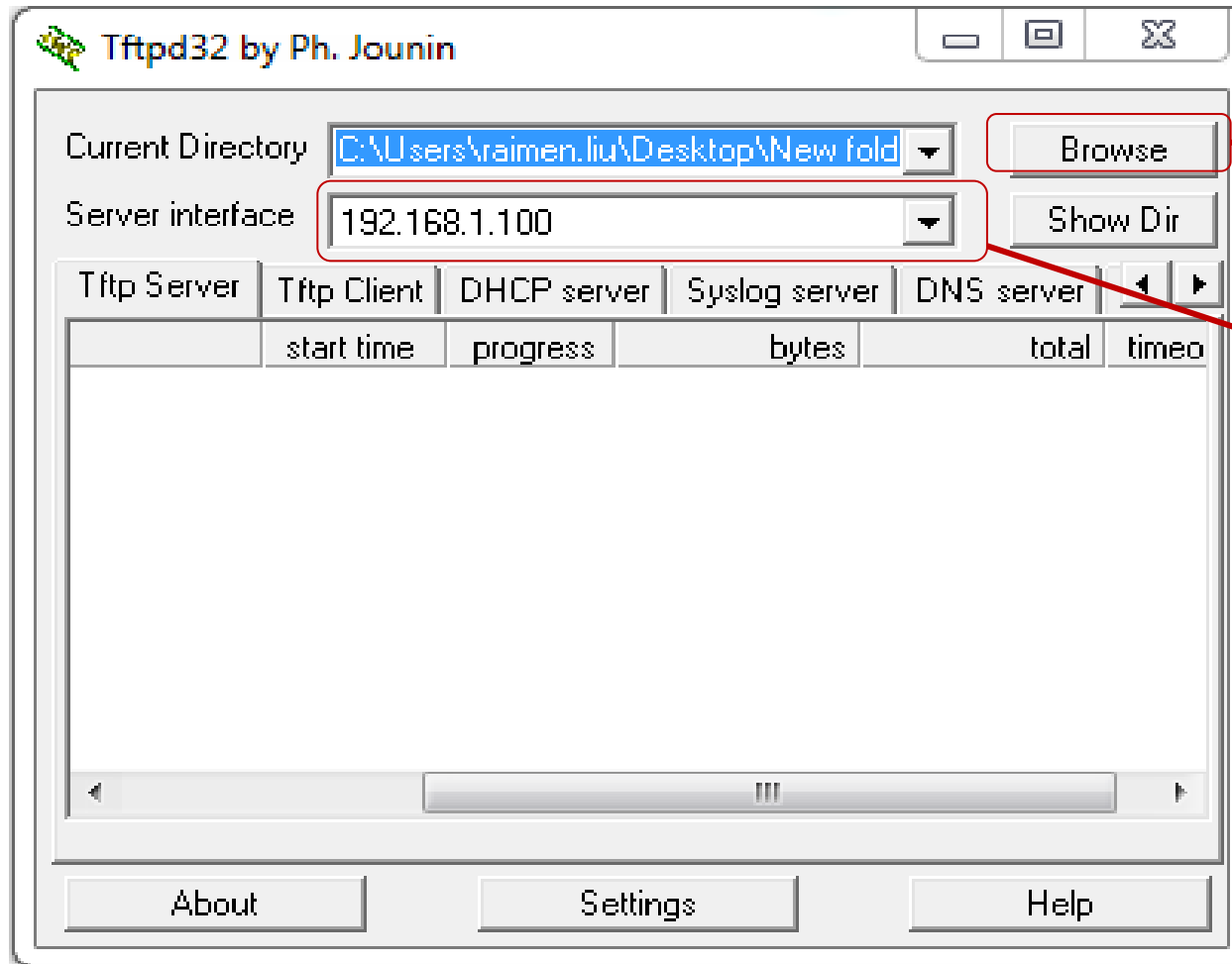
# Backup Configuration by TFTP

- Purpose: Backup device configurations via TFTP
- Resource requirements: Tftpd 32  
[http://tftpd32.jounin.net/tftpd32\\_download.html](http://tftpd32.jounin.net/tftpd32_download.html)
- Topology:



# Backup Configuration by TFTP

- Step 1: Open TFTP and set configuration



**Choose destination directory to put your configuration.**

**TFTP server's IP**

# Backup Configuration by TFTP

- Step2: Enter WebGUI and direct to System -> TFTP Transaction

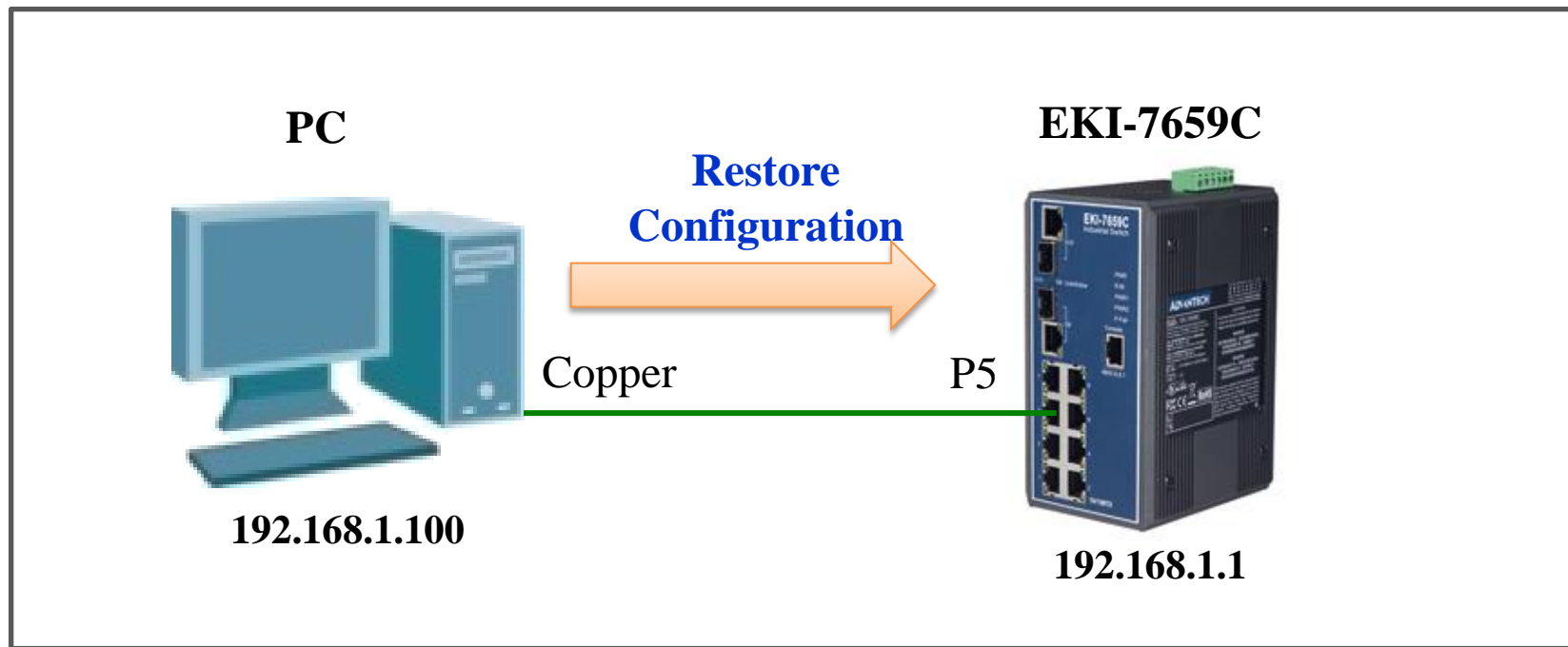
The screenshot displays the Advantech Industrial Switch WebGUI. The top navigation bar includes the Advantech logo and the text "Industrial Switch". Below this, the page title is "TFTP - Backup Configuration". A horizontal menu contains three options: "Update Firmware", "Restore Configuration", and "Backup Configuration", with the latter highlighted by a red box. On the left, a sidebar menu lists various system functions, with "TFTP Transaction" highlighted by a red box. The main content area contains two input fields: "TFTP Server IP Address" with the value "192.168.1.100" and "Backup File Name" with the value "config.bin", both highlighted by red boxes. Below these fields are "Apply" and "Help" buttons. A red annotation "Name the file" points to the "Backup File Name" field.

- Result: File would be downloaded to the selected directory. The process finished.
- Noted that the configuration file does not include IP address, System Information and username/password.

# Restore Configuration by TFTP

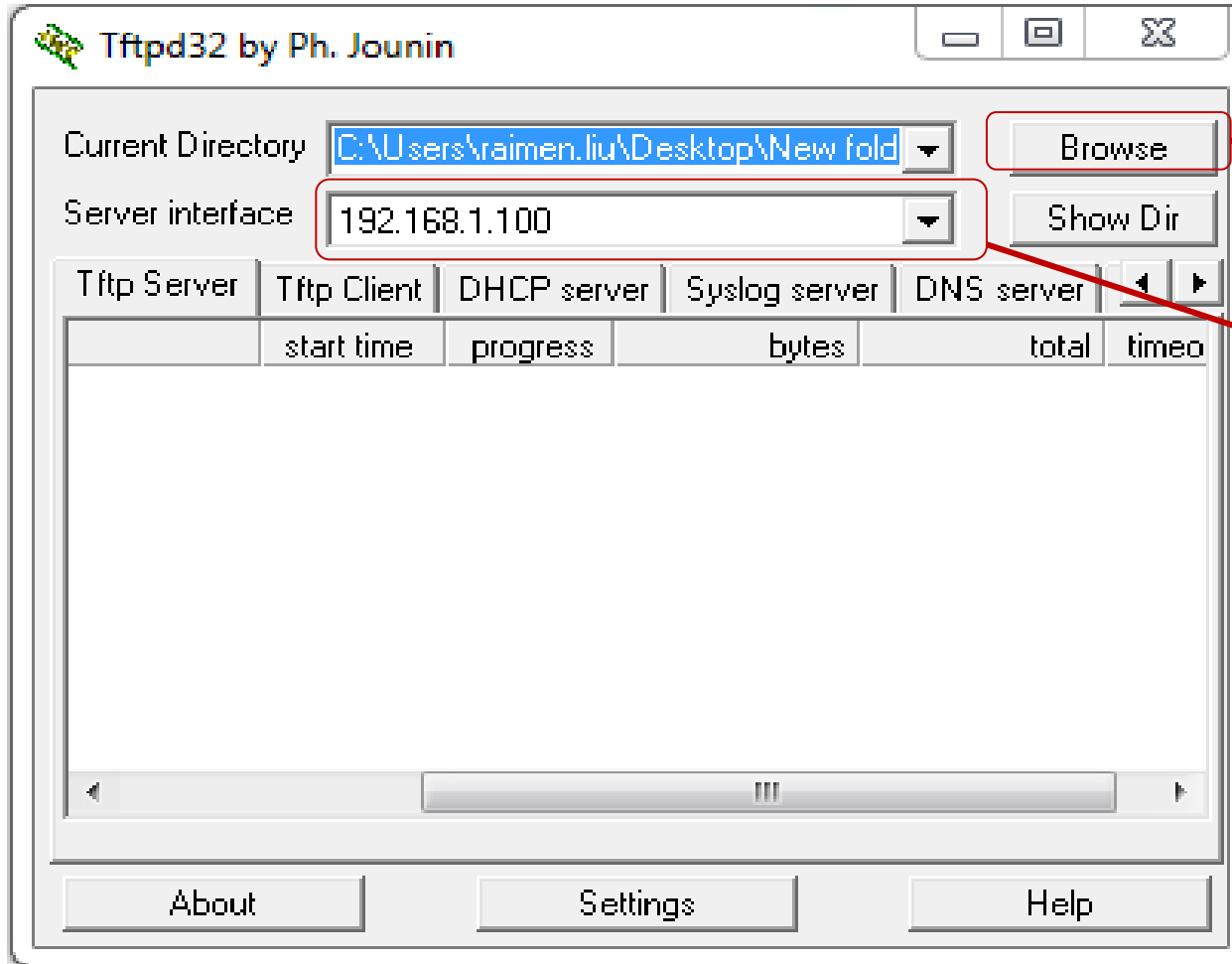
# Restore Configuration by TFTP

- Purpose: Restore device configurations via TFTP
- Resource requirements: Configuration file, Tftpd 32  
[http://tftpd32.jounin.net/tftpd32\\_download.html](http://tftpd32.jounin.net/tftpd32_download.html)
- Topology:



# Restore Configuration by TFTP

- Step 1: Open TFTP and set configuration



**Choose source directory where you put the configuration.**

**TFTP server's IP**

# Restore Configuration by TFTP

- Step2: Enter WebGUI and direct to System -> TFTP Transaction

**ADIANTECH** Industrial Switch

## TFTP - Restore Configuration

Update Firmware | **Restore Configuration** | Backup Configuration

TFTP Server IP Address: 192.168.1.100

Restore File Name: config.bin

Apply Help

Your FULL (includes extension) configuration file name

**Left Sidebar Menu:**

- Open all
- Main Page
- System
  - System Information
  - IP Configuration
  - DHCP Server
  - TFTP Transaction**
  - System Event Log
  - Fault Relay Alarm
  - SNTP
  - IP Security
  - User Authentication
- Port
- Protocol
- Security
- Multicast
- Factory Default
- Save Configuration
- System Reboot

# Restore Configuration by TFTP

- Result: Finished screen and reboot required.

The screenshot displays the Advantech web interface for an Industrial Switch. The top navigation bar is dark blue with the Advantech logo on the left and the text "Industrial Switch" on the right. A light blue sidebar on the left contains a tree view of configuration options. The main content area is white and displays a confirmation message: "Restore configuration completed, Please click [Reboot] button to restart switch device." Below the message is a "Reboot" button.

**ADVANTECH** **Industrial Switch**

**Open all**

- System Information
- IP Configuration
- DHCP Server
- TFTP Transaction
- System Event Log
- Fault Relay Alarm
- SNTF
- IP Security
- User Authentication
- Port
- Protocol
  - VLAN
  - RSTP
  - SNMP
  - QoS
  - X-Ring Pro
  - LLDP
- Security
- Multicast
  - Factory Default
  - Save Configuration
  - System Reboot

Restore configuration completed,  
Please click **[Reboot]** button to restart switch device.

Reboot





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