

## Transition Tool

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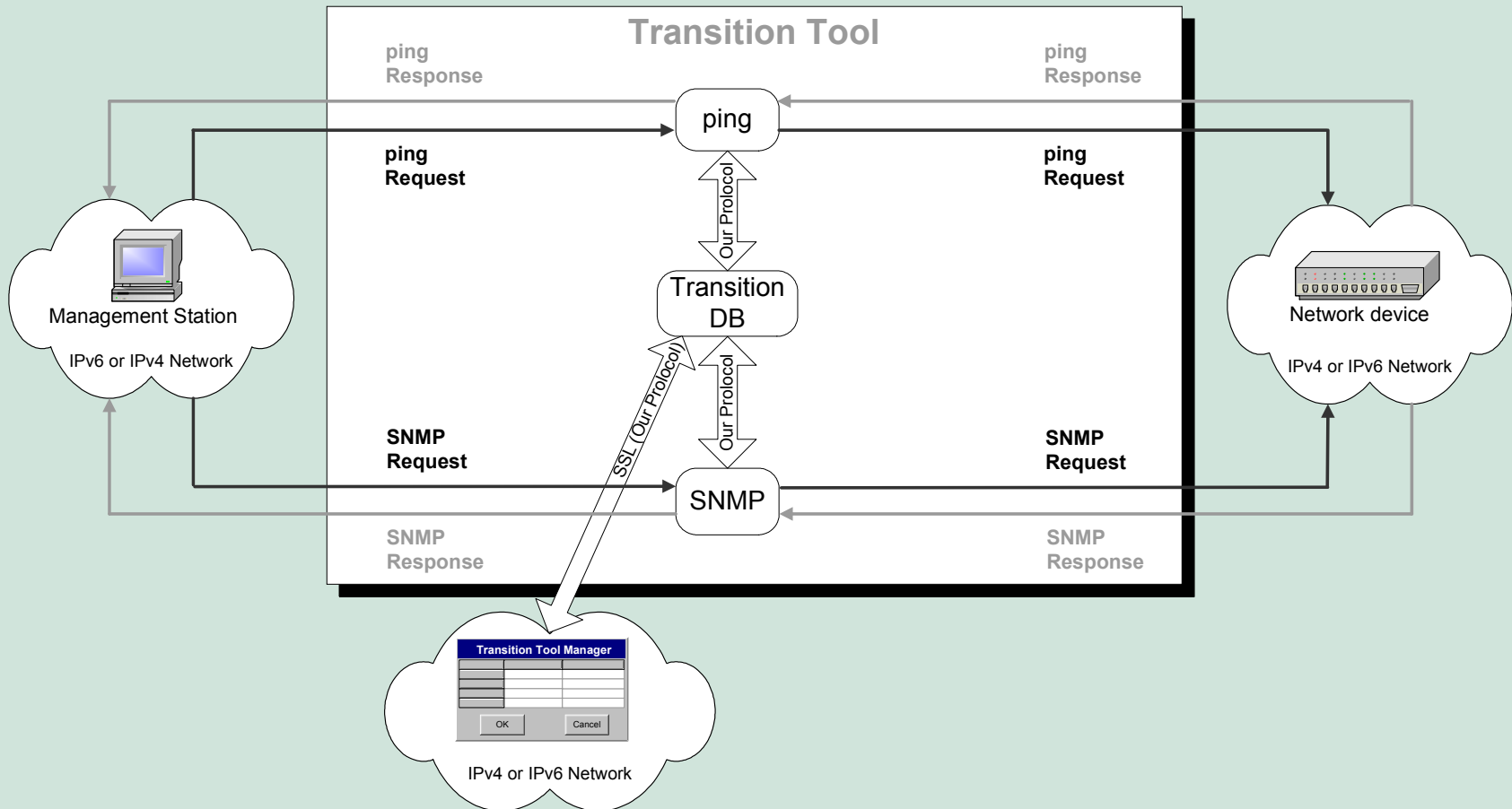
## Introduction

The main purpose of the developed Transition Tool is to enable the existing IPv4 network management platforms to monitor the native IPv6 network. The Transition Tool can translate SNMP protocol messages and ICMP pings between IPv4 and IPv6 networks.

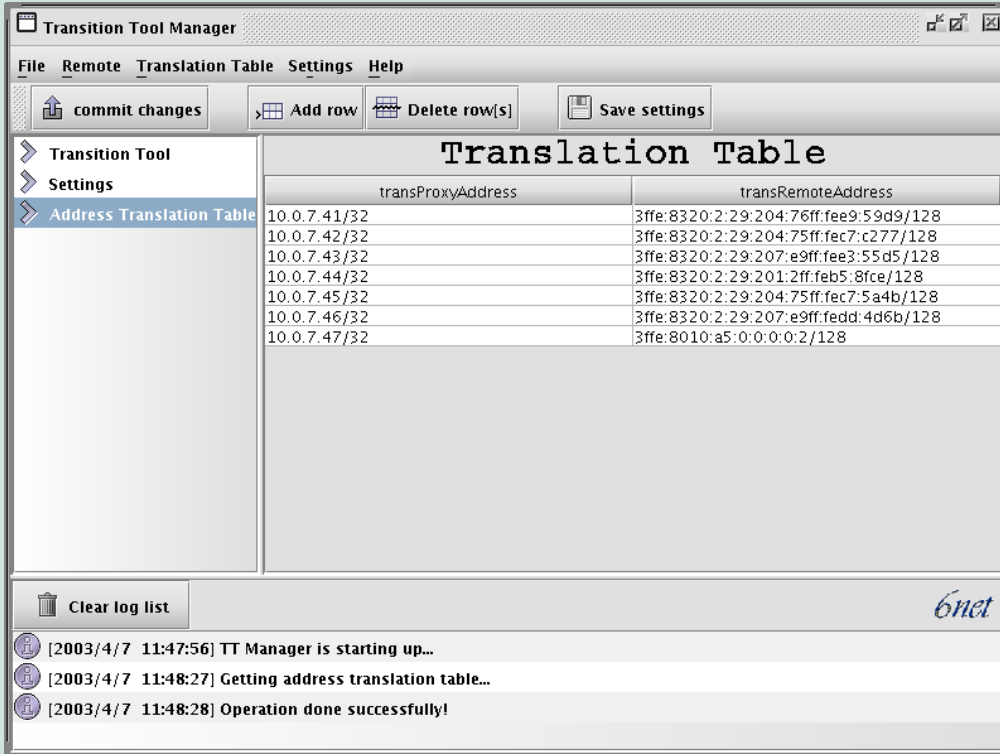
It can be used to gather statistics, monitor UPSes and network devices.

The Transition Tool does not interfere in SNMP queries.

## Architecture



## Management



The screenshot shows the Transition Tool Manager application window. The title bar reads "Transition Tool Manager". The menu bar includes "File", "Remote", "Translation Table", "Settings", and "Help". Below the menu bar is a toolbar with buttons for "commit changes", "Add row", "Delete row[s]", and "Save settings". The main content area is titled "Translation Table" and contains a table with two columns: "transProxyAddress" and "transRemoteAddress". The table lists several IP addresses and their corresponding MAC addresses. At the bottom of the window, there is a "Clear log list" button and a log area showing three entries: "[2003/4/7 11:47:56] TT Manager is starting up...", "[2003/4/7 11:48:27] Getting address translation table...", and "[2003/4/7 11:48:28] Operation done successfully!". The "6net" logo is visible in the bottom right corner of the window.

transProxyAddress	transRemoteAddress
10.0.7.41/32	3ffe:8320:2:29:204:76ff:fee9:59d9/128
10.0.7.42/32	3ffe:8320:2:29:204:75ff:fec7:c277/128
10.0.7.43/32	3ffe:8320:2:29:207:e9ff:fee3:55d5/128
10.0.7.44/32	3ffe:8320:2:29:201:2ff:feb5:8fce/128
10.0.7.45/32	3ffe:8320:2:29:204:75ff:fec7:5a4b/128
10.0.7.46/32	3ffe:8320:2:29:207:e9ff:fedd:4d6b/128
10.0.7.47/32	3ffe:8010:a5:0:0:0:0:2/128

- User friendly interface,
- Java,
- SSL,
- X.509 PKI.

## Thank you!

Thank you and feel invited to our practical presentation in front of the conference room.

WWW page: <http://www.ipv6.man.poznan.pl/6net/ttsnmp>

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