Driver for NPort 5100 Series (UNIX) Release Notes

Version: v3.5	Build: Build 110325
Release Date: Mar 20, 2012	

Applicable Products

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

FreeBSD 5.x, FreeBSD 6.x, FreeBSD 7.x, FreeBSD 8.x, HP-UX, IBM AIX 5.3, Mac OS X, QNX 4.x, QNX 6.x, SCO OpenServer 5, SCO OpenServer 6, SCO UnixWare 7, Solaris 10

New Features

N/A

Enhancements

N/A

Bugs Fixed

• Zombie process problem in FreeBSD 8.

Changes

N/A

Notes

• This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
• This version also applies to models WE-2100T
• This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334
• This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK
• This version also applies to CSM-MN01

Version: v3.4	Build: N/A
Release Date: N/A	

Applicable Products

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

FreeBSD 5.x, FreeBSD 6.x, FreeBSD 7.x, HP-UX, IBM AIX 5.3, Mac OS X, QNX 4.x, QNX 6.x, SCO OpenServer 5, SCO OpenServer 6, SCO UnixWare 7, Solaris 10

New Features

• Supports Mac OS X v10.3 later.

Enhancements

N/A

Bugs Fixed

• Pseudo tty writes when resources were temporarily unavailable.
• Zombie process problem in HP-Unix

Changes

N/A

Notes

• This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
• This version also applies to models WE-2100T
• This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334
• This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK

Version: v3.3	Build: N/A
Release Date: N/A	

Applicable Products

General Device Servers, Combo Device Servers, Wireless Device Servers, Industrial Device Servers, Terminal Servers, Serial Embedded Modules

Supported Operating Systems

FreeBSD 5.x, FreeBSD 6.x, FreeBSD 7.x, HP-UX, IBM AIX 5.3, QNX 4.x, QNX 6.x, SCO OpenServer 5, SCO OpenServer 6, SCO UnixWare 7, Solaris 10

New Features

• Supports Solaris 10 in Sparc Machine, IBM AIX 5.3.
• Supports Alpha Server.

Enhancements

N/A

Bugs Fixed

• Driver connection problem in QNX4.
• When NPort restarted, the driver reset connection would fail in big-endian machines.
• moxattyd would close when a user used terminal to open ports.
• -t parameter would not work on 64-bit machines.
• NPort polling mechnism bug in QNX 6.
• "Invalid Argument" message when using the stty command in Solaris.
• The driver buffer size was changed to 8192 bytes for AIX.
• moxattyd disappeared in big-endian machines.
• Zombie processes were generated on QNX 4 when the device server was disconnected.

Changes

N/A

Notes

• This version also applies to models NPort W2004, NPort W2150, NPort W2250, NPort W2150 Plus and NPort W2250 Plus
• This version also applies to models WE-2100T
• This version also applies to models DE-311M, DE-301, DE-302, DE-304, DE-334
• This version also applies to MiiNePort E1-SDK, MiiNePort E1-H-SDK, MiiNePort E2-SDK, MiiNePort E2-H-SDK

Version: v3.2	Build: Build 17030709
Release Date: N/A	

Applicable Products

NPort 5130, NPort 5150

Supported Operating Systems

FreeBSD 5.x, FreeBSD 6.x, FreeBSD 7.x, HP-UX, QNX 4.x, QNX 6.x, SCO OpenServer 5, SCO OpenServer 6, SCO UnixWare 7

New Features

N/A

Enhancements

N/A

Bugs Fixed

• The user's password and SNMP community name may be exposed by buffer overflow issue.

Changes

N/A

Notes

N/A

Version: v3.1	Build: Build 16100411
Release Date: N/A	

Applicable Products

NPort 5130, NPort 5150

Supported Operating Systems

HP-UX, QNX 6.x, SCO OpenServer 5, SCO UnixWare 7

New Features

N/A

Enhancements

• Support "ARP probe" in RFC5227. NPort would response for ARP requests with sender IP address 0.0.0.0.
• Enhance web login security and support 5 users login simultaneously.
• Extend HTTP's challenge ID length from 32 bits to 256 bits.
• Enable default password as "moxa".
• Increase CSRF protection mechanism.
• Increase XSS protection mechanism.
• IP of NPort Can be set to address ending with 0 or 255.

Bugs Fixed

• NPort can't send e-mail by using Google's SMTP server.
• In pair connection mode, master doesn't pull down RTS/DTR signal after TCP connection is broken.
• Command port sends lots of "D_ASPP_CMD_ALIVE" packets after running 50 days.
• NPort may reboot or hang under serveral buffer overflow attacks on Telnet, SSH, DSCI, SNMP,

Changes

N/A

Notes

N/A

Version: v3.0	Build: Build 15041515
Release Date: N/A	

Applicable Products

NPort 5130, NPort 5150

Supported Operating Systems

QNX 6.x, SCO OpenServer 5, SCO UnixWare 7

New Features

N/A

Enhancements

• Use model name instead of "NULL" for SNMP object "sysDescr".
• Support connecting to the server by domain name and server's IP would change dynamically.
• Support updating ARP table by gratuitous ARP.
• Improved the URL encoding issue when user typed the character '@' at email trap settings on Firefox browser.

Bugs Fixed

• If a GETNEXT command of SNMP is issued on an object that does not exist, it displays 'no such name error'.
• In DHCP renewing IP stage, if the IP was originally given by a relay agent, NPort should send DHCP Request to relay agent, not the DHCP server.
• In Real COM mode, when modem status of the NPort's serial port is changed frequently, NPort sometimes fail to notify the change to the driver.
• NPort under reverse telnet mode try to sub-negotiate the COM port control options without option negotiation first.

Changes

N/A

Notes

N/A