

Compatible Systems Tech Notes: Device Test Switch Settings

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Introduction

Prerequisites

Requirements

Components Used

Conventions

Device Test Switch Settings

Related Information

Introduction

This document provides test switch settings for these devices:

- MicroRouters 900i, 1000R, 12xx, and 22xx
- RISC Routers 2600i, 2800i, 2900i, 3000E, 3400R, 3500R, 3800R, and 4000S
- IntraPort VPN Access Servers
- IntraGuard Firewall
- VSR (with operating system software v5.0 and later)
- Ether Route, Ether Route II, and Ether Route TCP/II
- Ether Write and Ether Write/LPR
- Other Compatible Systems Devices

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

- MicroRouters 900i, 1000R, 12xx, and 22xx
- RISC Routers 2600i, 2800i, 2900i, 3000E, 3400R, 3500R, 3800R, and 4000S
- IntraPort VPN Access Servers
- IntraGuard Firewall
- VSR (with operating system software v5.0 and later)
- Ether Route, Ether Route II, and Ether Route TCP/II
- Ether Write and Ether Write/LPR
- Other Compatible Systems Devices

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

Note: Settings marked with an asterisk (*) may erase your Flash ROM. Please do not use these settings without first contacting technical support.

Refer to Cisco Technical Tips Conventions for more information on document conventions.

Device Test Switch Settings

This table lists settings for the following devices:

- MicroRouter 12xx and 22xx
- RISC Routers 2600i, 3500R, and 4000S
- IntraPort VPN Access Servers
- IntraGuard Firewall
- VSR (with operating system software v5.0 and later)

Switch Setting	Function
0	Normal Operation
1	Unused *
2	Unused *
3	Run Boot ROM Downloader
4	Unused *
5	Erase Flash ROM (OS and configuration)
6	Erase Flash ROM (configuration only)
7	Unused *
8	Bypass boot-up to create a console connection *
9	Allow <i>letmein</i> password for 5 minutes after power up

This table lists settings for the following devices:

- MicroRouter 12xx and 22xx
- RISC Routers 2600i, 2800i, 2900i, 3400R, 3500R, 3800R, and 4000S
- IntraPort VPN Access Servers
- IntraGuard Firewall
- VSR (with operating system software v5.0)

Switch Setting	Function
0	Normal Operation
1	Unused *
2	Unused *
3	Run Boot ROM Downloader

4	Unused *
5	Erase Flash ROM (OS and configuration)
6	Erase Flash ROM (configuration only)
7	Unused *
8	Unused *
9	Allow <i>letmein</i> password for 5 minutes after power up

This table lists settings for the MicroRouter 900i and 1000R.

Switch Setting	Function
0	Normal Operation
1	RAM Test
2	Ethernet Test
3	Unused *
4	Unused *
5	Erase Flash ROM (OS and configuration)
6	Flash ROM Test
7	Manufacturing Burn In
8	Serial Test
9	Allow <i>letmein</i> password for 5 minutes after power up

This table lists settings for the RISC Router 3000E:

Switch Setting	Function
0	Normal Operation
1	Force Serial Operation on Serial/LocalTalk A
2	Unused *
3	Run Boot ROM Downloader
4	Unused *
5	Erase Flash ROM (OS and configuration)
6	Unused *
7	Unused *
8	Unused *
9	Allow <i>letmein</i> password for 5 minutes after power up

This table lists settings for the Ether Route, Ether Route II, and Ether Route TCP/II devices:

Switch Setting	Function
0	Normal Operation
1	Memory Test and Ethernet Loopback *
2	Ethernet Loopback *
3	ROM Boot
4	LocalTalk Loopback Test *
5	Flash Erase
6	Flash Test Only
7	Manufacturing Burn In *
8	Unused *
9	Allow <i>letmein</i> password for 5 minutes after power up

This table lists settings for the Ether Write and Ether Write/LPR devices:

Switch Setting	Function
0	Normal Operation
1	Force Phase 1 AppleTalk Operation *
2	Force Phase 2 AppleTalk Operation *
3	Unused *
4	Unused *
5	Erase Flash ROM (OS and configuration)
6	Unused *
7	Unused *
8	Unused *
9	Allow only one LocalTalk device

This table lists settings for all other compatible systems devices:

Switch Setting	Function
0	Normal Operation
1	Unused *
2	Unused *
3	Run Boot ROM Downloader
4	Unused *
5	Erase Flash ROM (OS and configuration)
6	Erase Flash ROM (configuration only)

7	Unused *
8	Unused *
9	Allow <i>letmein</i> password for 5 minutes after power up

Related Information

- **Technical Support & Documentation – Cisco Systems**
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