

# SecureWay™ Firewall Plus for Tivoli®

## Release Notes

Version 1.1



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First Edition

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# Legal Notices

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# Contents

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<b>1</b>	<b>Introduction</b>	<b>5</b>
	<b>Overview</b> .....	<b>5</b>
	<b>Product CD-ROM</b> .....	<b>5</b>
	<b>Software requirements</b> .....	<b>6</b>
	Tivoli Management Environment® product version .....	6
	Installing Firewall Plus 1.1 software .....	6
	Reinstalling TME 10 Distributed Monitoring .....	7
	Perl Version Required for Logfile Adapter .....	7
	Adding TME 10 products after Installing Firewall Plus 1.1 ...	7
<b>2</b>	<b>Known Problems</b>	<b>9</b>
	<b>The SecureWay Firewall Plus for Tivoli 1.1 module</b> .....	<b>9</b>
	System requirements .....	9
	License keys .....	10
	<b>Installing the Firewall Plus 1.1 module</b> .....	<b>10</b>
	Installing on the TMR, TEC, and IBM SecureWay Firewall servers .....	10
	<b>Known defects</b> .....	<b>11</b>
	Rule base cannot be edited via the GUI .....	11
	All tasks .....	11
	Activate Machine Recovery Filter Rules .....	12
	AIX Configuration Client Prerequisites .....	12
	Configure Logfile Adapter Fails .....	12
	<b>Tivoli Toolkit 2.2.1</b> .....	<b>13</b>



# 1 Introduction

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## Overview

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The *SecureWay™ Firewall Plus for Tivoli® User's Guide* is available as an Adobe Acrobat 4.0 **.pdf** file on the accompanying installation media.

The following release notes provide important information about using the SecureWay Firewall Plus for Tivoli ("Firewall Plus") integration module.

***Please read these notes thoroughly before installing or using the SecureWay Firewall Plus for Tivoli version 1.1 software.***

These release notes contain important information about:

- Supported hardware and software configurations
- Information for installing and upgrading Firewall Plus software
- Known defects

## Product CD-ROM

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The CD-ROM contains SecureWay Firewall Plus for Tivoli version 1.1 software, *SecureWay Firewall Plus for Tivoli User's Guide*, and *SecureWay Firewall Plus for Tivoli Release Notes*.

# Software requirements

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## Tivoli Management Environment® product version

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Install Firewall Plus 1.1 software only on machines that are running Tivoli Management Environment (TME 10™) version 3.6 or 3.6.1.

## Installing Firewall Plus 1.1 software

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Backup the TME 10 database **before and after** each application installation. This ensures the availability of a good pre-application database in the event you encounter a problem or in some way corrupt your database during installation. Select **Backup** from the TME 10 Desktop or run the `wbkupdb` command in a command prompt window to perform the backup of the TME 10 server and clients. For documentation on the use of the `wbkupdb` command see Tivoli Systems, Inc.'s *TME 10 Framework Reference Manual*.

To achieve full functionality you must install Firewall Plus on the TME 10 Enterprise Console server. This server must be a TME 10 managed node.

### Note

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Before launching an application you must have a TME 10 administrator or root login on the TME 10 Enterprise Console server (if there is one) and the specific application server. See the *TME 10 Framework User's Guide* for instructions on specifying an administrator or root login.

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Refer to the “Getting Started” chapter of the *SecureWay Firewall Plus for Tivoli User's Guide* for instructions for installing the Firewall Plus product.

Remember to back up your Tivoli Management Enterprise (“TME”) database.

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## Reinstalling TME 10 Distributed Monitoring

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If you have TME 10 Distributed Monitoring on your machine, re-executing an installation procedure for an integration module adds a copy of the TME 10 Distributed Monitoring monitors to the TME 10 Distributed Monitoring Profiles of your central and remote monitors. Adding new monitors rather than overwriting the existing ones preserves any modifications you may have made to the existing ones, including changes to the schedules, thresholds, severities, and actions.

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## Perl Version Required for Logfile Adapter

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The logfile adapter included with the Firewall Plus module requires Perl version 5 or higher when run on an AIX Secureway Firewall server. On a Windows NT SecureWay Firewall server the version of Perl must be equivalent to 5.005\_03 or greater. Previous versions have been observed continuously using 100% of the CPU on a Windows NT SecureWay Firewall server.

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## Adding TME 10 products after Installing Firewall Plus 1.1

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If you install TME 10 Distributed Monitoring, TME 10 Software Distribution, or the TME 10 Enterprise Console after you have installed the Firewall Plus product, you must **reinstall** the Firewall Plus software to gain the benefits of the added application.



# 2

## Known Problems

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This chapter describes known problems that may occur when you use the SecureWay Firewall Plus for Tivoli Version 1.1 (“Firewall Plus”) module. Problems are described according to which component the problem applies. Any known workaround follows the problem description.

The topics discussed are:

- “The SecureWay Firewall Plus for Tivoli 1.1 module” on page 9
- “Installing the Firewall Plus 1.1 module” on page 10
- “Known defects” on page 11
- “Tivoli Toolkit 2.2.1” on page 13

## The SecureWay Firewall Plus for Tivoli 1.1 module

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### System requirements

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The SecureWay Firewall Plus for Tivoli 1.1 module provides management of the IBM SecureWay Firewall version 4.1 application. The operating systems supported by the Firewall Plus module are:

- Solaris 2.5, 2.6
- HP-UX 10.20
- AIX 4.2, 4.3

## Installing the Firewall Plus 1.1 module

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- Windows NT 4.0, service pack 4 and 5

The following versions of Tivoli software are supported:

- TME 10 Framework 3.6, 3.6.1
- TME 10 Software Distribution 3.6, 3.6.1
- TME 10 Distributed Monitoring 3.6, 3.6.1
- TME 10 Enterprise Console 3.6, 3.6.1

### Note

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The IBM SecureWay Firewall product requires installation of either an AIX 4.3.2 or a Windows NT server, service pack 4 or 5. The Firewall application will function only on these platforms. The only support for the other platforms listed above is for Tivoli products such as TEC.

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## License keys

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The Firewall Plus module does not require a license key for installation.

## Installing the Firewall Plus 1.1 module

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The following sections describe information you should be aware of and the procedures needed to successfully install the Firewall Plus software.

### Installing on the TMR, TEC, and IBM SecureWay Firewall servers

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The Firewall Plus module must be installed on the TMR and the TEC servers. It may be installed optionally on the IBM SecureWay Firewall server. The IBM SecureWay Firewall server must either be a Tivoli managed node or a Tivoli endpoint.

The Install Options dialog asks you to specify the full path to the local IBM SecureWay Firewall directory. You can specify only one path in that dialog. If you have selected more than one Client then the installation will make that one path the installation path for all Clients you have selected.

The Install Option dialog values are stored as attributes in the Tivoli database. These options can be re-entered after installation is completed, if necessary, by using the **Set Install Options** application launch component in the Firewall Plus collection on the Tivoli Desktop.

## Known defects

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### Rule base cannot be edited via the GUI

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(Tivoli APAR IX75147)

After installing the Firewall Plus module and running the Configure TEC task you cannot edit the new rule base through the Tivoli GUI, as documented on page 2-4 of the Tivoli *TEC Rule Builder's Guide*.

The workaround is to use the command line to work with the rule base.

### All tasks

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All tasks must have access to the binaries in the Tivoli TEC Adapter Configuration Facility when run on an endpoint. If the following error (or one similar to it) displays when the Configure Endpoints task is run, verify that the TEC Adapter Configuration Facility is installed on the gateway that services the endpoint on which the task is being run.

```
#####  
bigbird (Endpoint): The task failed to execute.  
bigbird (Endpoint): 09/16/99 10:45:27 (4): resource  
'C:/Tivoli/bin/lcf_bundle/bin/w32-ix86/bin/  
postemsg.exe' not found
```

```
#####
```

### Activate Machine Recovery Filter Rules

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This task is not operational in the 1.1 release of the Firewall Plus module and should display such a message when an attempt is made to run it.

### AIX Configuration Client Prerequisites

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The following AIX software packages must be installed before running the Configure AIX Configuration Client job and distributing the AIX Configuration Client.

- bos.rte.install.4.3.2.0 or higher
- java.rte.bin.1.1.6.0 or higher
- java.rte.classes.1.1.6.0 or higher

### Configure Logfile Adapter Fails

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If the Configure Logfile Adapter job fails on a Windows NT Secureway Firewall server you must perform the following before you attempt to run the job again.

- 1 check and ensure that all of the values you have entered are correct, and
- 2 ensure that the service under which the logfile adapter runs is deleted by issuing the following command on the Firewall server:

```
%SystemRoot%\system32\drivers\etc\Tivoli\lfa\
servEXEs\servMgr -u -n fwLogfile
```

Only when you have completed these steps should you rerun the Configure Logfile Adapter job.

## Tivoli Toolkit 2.2.1

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The Firewall Plus module was developed with Tivoli Toolkit version 2.2.1. There are known problems in the Toolkit that, in turn, have produced problems in the Firewall Plus module.

### 1 NT Desktop shutdown during Plus module installation

The Windows NT desktop may shut down during the Plus module installation. At this time the workaround for this problem is to install Tivoli Patches 0033 and 0038 for Tivoli Framework 3.6, available from Tivoli customer support.

### 2 Installation options do not allow spaces

You must specify installation options without spaces for the module to install properly. On Windows NT machines use the 8.3 file format. For example:

**correct:** C:\Program~1

**incorrect:** C:\Program Files

### 3 Link Libraries not backward compatible

A Plus module developed with Tivoli Toolkit 2.2.1 does not install properly over an older Plus module install. The Plus modules using older link libraries do not work with new versions of the link libraries.

### 4 Missing Profile Manager

A Dataless Endpoint enabled Profile Manager is missing in the Top Level Policy Region of the SecureWay Firewall Plus for Tivoli module. This Profile Manager must be created manually in order to use monitors or software distribution on LCF endpoints. The Toolkit 2.2.1 should create this and subscribe endpoints; at this time it does not.

Follow these steps to create a dataless endpoint enabled Profile Manager:

- a. From the Tivoli desktop, choose  
**Desktop > TMR Connections > Top Level Policy Regions.**
- b. Double click on **TivoliPlus**.

- c. Double click on the **SecureWay Firewall Plus for Tivoli** option.
- d. Select **Create > ProfileManager**. In the pop-up menu, give the ProfileManager a unique name.
- e. Select the **Dataless Endpoint Mode** checkbox.
- f. Double click on your new ProfileManager, and select **ProfileManager > Subscribers**.
- g. Move your endpoints to the **Current Subscribers** list.

When subscribing endpoints to monitor distributions or software distributions you must use this Profile Manager. You may *not* subscribe the endpoints individually. However, you can subscribe endpoints individually to tasks.

### 5 LCF endpoint monitors have incorrect time schedule

Changing the monitoring schedule for a monitor and then distributing to an LCF endpoint causes the monitoring schedule on the endpoint to be set to 395 minutes. Avoid this by not changing the default monitoring schedule for a monitor that runs on an LCF endpoint.

### 6 Each Response Level has '(null) Event Server' for Server

The (null) for each monitor must be deleted in order for it to work. Monitor: Each Response Level has '(null) EventServer' for Server. Monitor will not fire event with '(null) EventServer' for Server. This is a toolkit problem and must be corrected for all monitors.

wlseng -ld reveals that the monitor does fire when '(null) EventServer' is the Server.

### 7 All tasks and jobs have limited Help functionality

(Tivoli PMR 30798)

Clicking on the **Help** button of a task or job dialog that is included with the Firewall Plus module displays a Help window in which there is usually only one line of text. This is a limitation within the Tivoli Toolkit. As a workaround users are referred to the SecureWay Firewall Plus for Tivoli User's Guide for more information on the particular task or job about which Help is desired.