Software Maintenance Release Note

Version 242-02
For AR300 Series Routers

Introduction

This software maintenance release note lists the issues addressed and enhancements made in Maintenance Version 242-02 on AR300 Series routers. Release file details are listed in the following table:

Maintenance Release Date	23 March 2006
Release File Name	8242-02.rez
Release File Size	1741876 bytes

This maintenance release note should be read in conjunction with the following documents:

■ Release Notes for Software Release 2.4.2

■ your router's **Document Set for Software Release 2.4.1,** available from www.alliedtelesis.co.nz/documentation/documentation.html

Caution: Using a software maintenance version for the wrong model may cause unpredictable results, including disruption to the network.

Information in this release note is subject to change without notice and does not represent a commitment on the part of Allied Telesis Inc. While every effort has been made to ensure that the information contained within this document and the features and changes described are accurate, Allied Telesis Inc. can not accept any type of liability for errors in, or omissions arising from the use of this information.

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Some of the issues addressed in this maintenance release note include a level number. This number reflects the importance of the issue that has been resolved. The levels are:

Level 1   This issue will cause significant interruption to network services, and there is no work-around.

Level 2   This issue will cause interruption to network service, however there is a work-around.

Level 3   This issue will seldom appear, and will cause minor inconvenience.

Level 4   This issue represents a cosmetic change and does not affect network operation.

Enabling and Installing this Version

To use this maintenance release you must have a release license for Software Version 2.4.x. Contact your distributor or reseller for more information.

To enable this release and install it as the preferred release, use the commands:

```
enable rel=8242-02.rez num=2.4.2

set install=pref rel=8242-02.rez
```

Features in Version 242-02

Software Maintenance Version 242-02 includes resolved issues and enhancements in earlier versions, and the resolved issues and enhancements in the following tables.

Level 1

No level one issues

Level 2

CR	Module	Level	Description
CR00007741	**TCP, TPAD**	**2**	TPAD TCP sessions now have a keepalive timer applied to them. If a TPAD TCP session is inactive and therefore there is no response to the TCP keepalives, then after 3 keepalive attempts, 10 seconds apart, the TPAD TCP session is closed. This frees up the TCP listen port to allow subsequent TPAD transactions via that TCP port. This TCP keepalive facility only applies to TPAD-related TCP traffic.

Level 3

No level three issues

Level 4

No level four issues

Enhancements

No enhancements

Features in Version 242-01

Software Maintenance Version 242-01 includes the resolved issues and enhancements in the following tables.

Level 1

No level one issues

Level 2

CR	Module	Level	Description
CR00012304	**TPAD**	**2**	TPAD previously had issues when the LRC (Longitudinal Redundancy Check) at the end of a transaction was 0x00 **and** the transaction was via the TCP port. The transaction would stall in the box and eventually time out the X.25 call. This issue has been resolved. TPAD transactions now accept an LRC with a value of 0x00 and operate as normal.

Level 3

No level three issues

Level 4

No level four issues

Enhancements

No enhancements