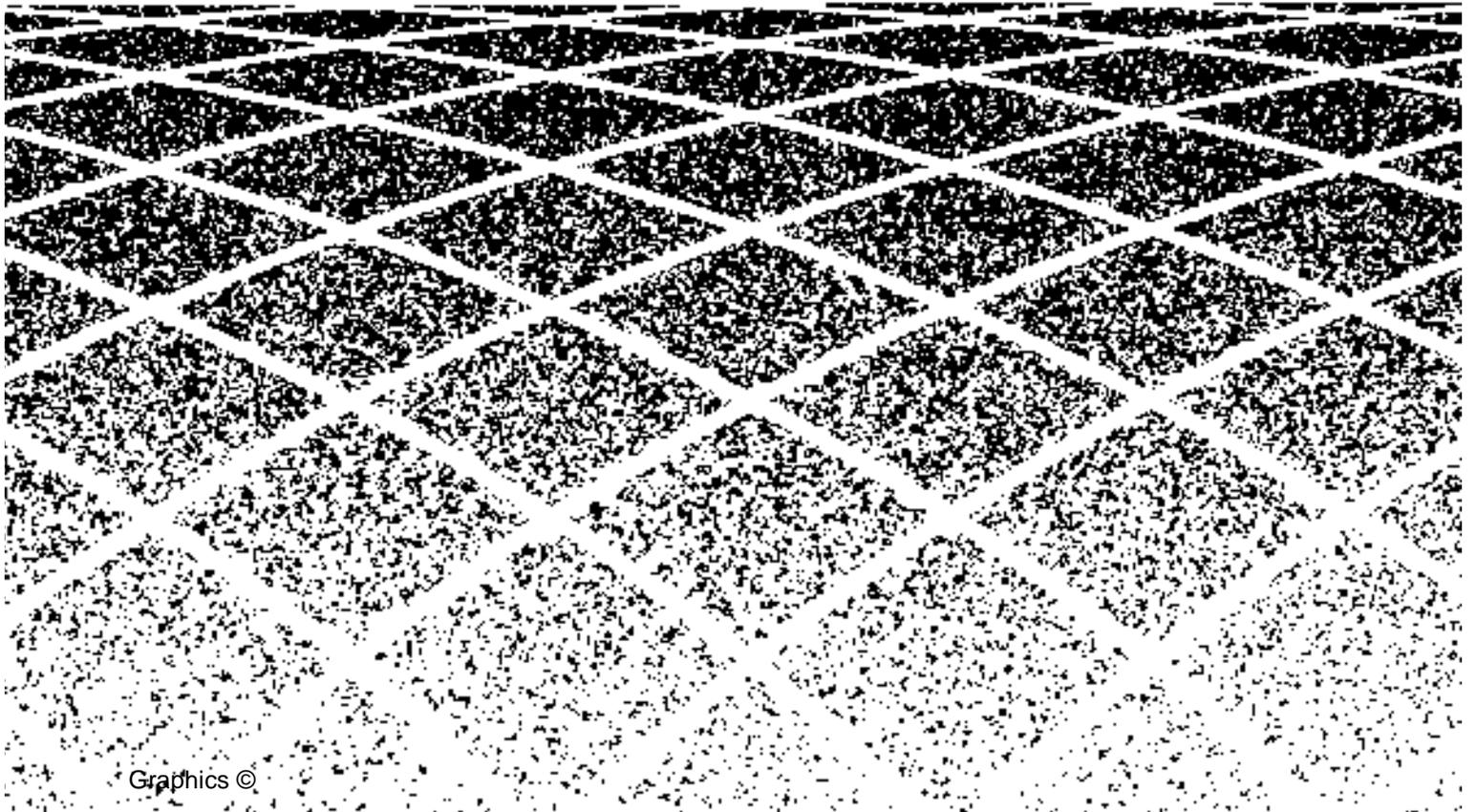




585-300-407
Issue 1
January, 1996

DEFINITY AUDIX System Release 3.1 Issue 3 to Release 3.1 Issue 4 Change Description



Contents

Table of Contents	i
--------------------------	---

About This Document	v
■ Intended Audiences	v
■ How This Document Is Organized	v
■ How to Use This Document	v
■ Trademarks and Service Marks	vi
■ Related Resources	vi
■ How to Make Comments About This Document	vii

1	New and Enhanced Features	1-1
	■ Upgrades to R3.1 Issue 4	1-1
	Hardware Compatibility	1-2
	Upgrade Considerations	1-2
	■ Compatible MFBs	1-2
	■ Disk Drive/ MFB Incompatibility	1-3
	■ New Administration Screens	1-3
	■ Stability and Quality Improvements	1-3

A	Changes, Improvements, Notes	A-1
	■ Changes That Affect Subscribers	A-1
	■ Changes that Affect Administrators	A-1
	■ Maintenance Changes	A-1

IN	Index	IN-1
-----------	--------------	------

Contents

About This Document

This document describes the hardware and software changes that have occurred between DEFINITY AUDIX Release 3.1 Issue 3 and Release 3.1 Issue 4. These changes and enhancements are available on all new DEFINITY AUDIX Systems and all DEFINITY AUDIX upgrades.

Intended Audiences

System administrators and telecommunications managers are primary audiences for this document.

The information in this document also is useful to AT&T remote and local services personnel, AT&T marketing and provisioning personnel, and other AT&T associates who must understand and support the DEFINITY AUDIX system.

How This Document Is Organized

This document is organized as follows:

- Chapter 1, "New and Enhanced Features"
- Appendix A, "Changes, Improvements, Notes"

How to Use This Document

This document supplements the documentation set received with a new DEFINITY AUDIX R3.1 system. It is most useful for summarizing differences between R3.1 Issue 3 and R3.1 Issue 4.

Trademarks and Service Marks

The following trademarked products are mentioned in this document:

- AUDIX® is a registered trademark of AT&T.
- DEFINITY® Communications System is a registered trademark of AT&T.
- Intuity™ is a trademark of AT&T.

Related Resources

Title	Number	Title
<i>DEFINITY AUDIX System — Release 3.0 to Release 3.1 Change Description</i>	585-300-404	1 or later
<i>A Portable Guide to Voice Messaging</i>	585-300-701	3 or later
<i>AMIS Analog Networking</i>	585-300-512	5 or later
<i>AUDIX Administration and Data Acquisition Package</i>	585-302-502	11 or later
<i>DEFINITY AUDIX System — Administration</i>	585-300-507	4 or later
<i>DEFINITY AUDIX System — Documentation Guide</i>	585-300-011	4 or later
<i>DEFINITY AUDIX System — Feature Descriptions</i>	585-300-206	4 or later
<i>DEFINITY AUDIX System — Installation</i>	585-300-111	5 or later
<i>DEFINITY AUDIX System — Maintenance</i>	585-300-110	4 or later
<i>DEFINITY AUDIX System — System Description</i>	585-300-205	5 or later
<i>DEFINITY AUDIX System R3.1 — Screens Reference</i>	585-300-211	1 or later
<i>Multiple Personal Greetings Quick Reference</i>	585-300-705	4 or later
<i>Voice Messaging Outcalling Quick Reference</i>	585-300-706	1 or later
<i>Planning for the DEFINITY AUDIX System</i>	585-300-904	5 or later
<i>Switch Administration for the DEFINITY AUDIX System</i>	585-300-509	4 or later
<i>AUDIX Business Card Stickers</i>	585-304-705	2 or later
<i>Voice Messaging Quick Reference</i>	585-300-702	3 or later
<i>DEFINITY AUDIX System Subscriber Artwork Package</i>	585-300-703	4 or later
<i>Voice Messaging Wallet Card</i>	585-300-704	2 or later
<i>GBCS Products Security Handbook</i>	555-025-600	3 or later
<i>Intuity Message Manager User's Guide</i>	585-310-725	1 or later

How to Make Comments About This Document

Reader comment cards have been placed at the beginning of this document. While we have tried to make this document fit your needs, we are interested in your suggestions for improving it and urge you to fill one out.

If the reader comment cards are missing, please send your comments and suggestions to:

AT&T
Product Documentation Development Department
Room 22-2C11
11900 North Pecos Street
Denver, Colorado 80234

New and Enhanced Features

1

This chapter describes the features provided in DEFINITY AUDIX System Release 3.1 Issue 4 that are new or enhanced since DEFINITY AUDIX System Release 3.1 Issue 3.

Upgrades to R3.1 Issue 4

All Release 3.1 Issue 3 or earlier DEFINITY AUDIX systems with one of the following disk drives:

- Seagate ST5660N
- Seagate ST31230N
- Seagate ST51080N

must be upgraded to Release 3.1 Issue 4. This includes the following DEFINITY AUDIX systems if they have one of the above disk drives:

- Release 1.0 (any issue)
- Release 2.0 (any issue)
- Release 3.0 (any issue)
- Release 3.1 (Issue 1, 2, or 3)

A new DEFINITY AUDIX Release 3.1 may have been shipped with an ST5660N or an ST51080N disk drive. Any one of these disk drives may have been shipped as a replacement drive for a DEFINITY AUDIX system.

Hardware Compatibility

DEFINITY AUDIX systems with a TN566 MFB must be upgraded to a TN566B MFB before Release 3.1 Issue 4 can be installed. DEFINITY AUDIX Release 3.1 software is incompatible with the TN567 MFB. The TN567 MFB requires DEFINITY AUDIX Release 3.2 or later software.

Before upgrading a DEFINITY AUDIX system to Release 3.1 Issue 4, examine the hardware configuration of the DEFINITY AUDIX system to determine if the MFB is a TN566B.

Upgrade Considerations

Upgrades to R3.1 Issue 4 can take some time, especially if the customer's system has a Seagate ST5660N disk drive. Due to a previously undiagnosed incompatibility between the SCSI controller chip on the TN566B Vintage 1 and Vintage 2 MFB and this particular disk drive, the upgrade software takes some extra steps in an attempt to protect the customer's data and to ensure a sound, reliable system after the upgrade is complete. Under no circumstances should anyone take any shortcuts when upgrading a customer's system. Technicians are encouraged to stay in touch with their remote support center so that they are up-to-date concerning service bulletins regarding this incompatibility.

During the upgrade process, you may notice that file system checks (FSCK) are being performed. This is done on some configurations. Do not be alarmed even if these file system checks find and correct problems in customer data.

When you first boot the DEFINITY AUDIX system after the upgrade, the system may take longer than usual initializing to AUDIX. This happens only on some configurations, because the system is rebuilding customer data. You will see the following on the screen while this is taking place:

```
Initializing to AUDIX
```

⇒ NOTE:

Initializing to AUDIX could take up to an additional hour with a large database if DEFINITY AUDIX is rebuilding customer data.

For further information on upgrading to DEFINITY AUDIX R3.1, refer to *DEFINITY AUDIX System — Installation and Upgrade*, 585-300-111, Issue 5.

Compatible MFBs

R3.1 Issue 4 works only with the TN566B MFB (multifunction board).

Disk Drive/ MFB Incompatibility

An incompatibility between the Seagate ST5660N disk drive and a chip on the TN566B Vintage 1 and Vintage 2 MFB can cause data corruption under certain circumstances. R3.1 Issue 4 corrects this incompatibility. This correction is also being made available for DEFINITY AUDIX Release 3.2 as Release 3.2 Issue 2. Any DEFINITY AUDIX system equipped with a Seagate ST5660N disk drive that is running Release 1.0, Release 2.0, Release 3.0, or Release 3.1 requires an upgrade to either R3.1 Issue 4 or R3.2 Issue 2. DEFINITY AUDIX R3.2 must be purchased to upgrade to that release.

New Administration Screens

Two new administration screens have been added for generating nightly and weekly audits on demand.

- audit nightly
- audit weekly

These new on-demand audits generate backup files. The nightly and weekly audits performed automatically by the DEFINITY AUDIX system do not generate backup files.

Stability and Quality Improvements

R3.1 Issue 4 offers performance and stability improvements.

Changes, Improvements, Notes



This appendix contains changes, improvements, and notes that apply to the R3.1 Issue 4 DEFINITY AUDIX system. These changes affect administrators, subscribers, and service personnel who maintain the system.

Changes That Affect Subscribers

A TCP/IP network may experience hyperactivity which potentially caused service outages for DEFINITY AUDIX users. Intuity Message Manager requires a TCP/IP network. Problems reported by DEFINITY AUDIX users included premature termination of messages, headers, and announcements. DEFINITY AUDIX 3.1 Issue 4 regulates the flow of the TCP/IP messages to the DEFINITY AUDIX system in the case of hyperactivity, thus reducing the possibility of problems.

Changes that Affect Administrators

Previously, an attempt to restore a backup for a customized announcement set could fail. The error message said that there was not enough storage space for the customized fragments, even though the storage available on the disk was adequate. Now, you can always restore a backup of a customized announcement set if there is enough storage available.

Maintenance Changes

The upgrade procedure now takes an extra step to ensure the integrity of customer data. Systems may take somewhat longer to boot to the AUDIX state immediately after an upgrade to DEFINITY AUDIX 3.1 Issue 4 has been completed. The additional time to complete the transition to the AUDIX state will

vary, depending upon the size of the customer's databases. On many systems, the delay will not be noticeable. On some systems, the delay may be fifteen minutes or more.

Under some circumstances, file system checks (FCK) were not able to fix corrupt customer data in one pass. During an upgrade, a couple of file systems are checked for errors twice which slightly increases the amount of time necessary to perform a system upgrade to DEFINITY AUDIX 3.1 Issue 4. The additional time to complete the upgrade will vary, depending upon the size of the databases. On many systems, the delay will not be noticeable. On some systems, the delay may be ten minutes or more.

Previously, if an init command was entered while a DEFINITY AUDIX system was in single-user mode, the DEFINITY AUDIX system would panic. Now, the system behaves correctly if an init command is entered in single-user mode.