

PACKAGE ID - 001302IBMPC00 TEA AUTHENTICATION

KWIC TITLE - Tiny Encryption Algorithm

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LIMITATION CODE -COPY **AUDIENCE CODE** - LIM

COMPLETION DATE - 10/28/1998 **PUBLICATION DATE** - 10/28/1998

DESCRIPTION - This code performs private-key data authentication.

PACKAGE CONTENTS - Media Directory: Software Abstract; User's Guide;
Media Includes Source Code;

SOURCE CODE INCLUDED? - Yes

MEDIA QUANTITY - 1 3.5 Diskette

METHOD OF SOLUTION - The TEA encryption function was modified so that it could no longer be used for encryption and provided better key mixing. The decryption function is not provided at all. This basic function is included in a standard construct used for building and authentication function out of an encryption primitive.

COMPUTER - IBM PC

OPERATING SYSTEMS - Any Intel 80486 and higher platforms which support 32-bit integers. Any operating system for which an ANSI C compiler exists.

PROGRAMMING LANGUAGES - NA

SOURCE CODE AVAILABLE (Y/N) - Y

RELATED SOFTWARE - None

ABSTRACT STATUS - Released AS-IS 7/14/1999.

SUBJECT CLASS CODE - Z

KEYWORDS -
COMPUTER PROGRAM DOCUMENTATION

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SOFTWARE ABSTRACT

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T CODES
DATA

EDB SUBJECT CATEGORIES -
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PACKAGE TYPE - AS - IS