COMPAQ

DIGITAL SNA APPC/LU6.2 Programming Interface for OpenVMS, Version 2.4

AV-KQ77F-TE

Dear Customer:

This kit contains the DIGITAL SNA APPC/LU6.2 Programming Interface for OpenVMS, Version 2.4, software and user documentation. Please check the bill of materials to see that all the items listed are in your distribution kit. If any item is missing or damaged, please contact your Compaq representative.

The DIGITAL SNA APPC/LU6.2 Programming Interface for OpenVMS, V2.4 product supports the OpenVMS VAX Version 6.2, 7.0, and 7.1 and OpenVMS Alpha Version 6.2, 7.0, and 7.1 operating systems and their associated License Management facility (LMF) requirements.

Description

The DIGITAL SNA APPC/LU6.2 Programming Interface for OpenVMS product is a layered software product that allows user-written applications running on suitably configured OpenVMS systems, either within a TCP/IP or DECnet network environment, to exchange messages with cooperating applications on an IBM host. Access between the cooperating OpenVMS and IBM applications is via one of the following products:

- DIGITAL SNA Peer Server
- DIGITAL SNA Domain Gateway for Channel Transport
- DIGITAL SNA Domain Gateway for Synchronous Transport
- DECnet SNA Gateway for Synchronous Transport
- DECnet SNA Gateway for Channel Transport
- DIGITAL SNA Access Server for Windows NT
- OpenVMS SNA

Features

The APPC product is a set of subroutines called by OpenVMS programs that act as LU6.2 transaction application programs. These subroutines allow a OpenVMS transaction application to:

- Activate and deactivate sessions
- Allocate and deallocate LU6.2 basic and mapped conversations
- Send and receive data
- Request confirmation and confirm transactions
- Send and receive error information

- Define remote LU, mode, and transaction program parameters
- Supply program initialization parameters
- Supply session-level security and conversation-level security
- Allocate a conversation in response to an incoming allocation request

Installation

Register and load the product's PAK using the OpenVMS License Management Facility before you begin installation. Refer to the *OpenVMS License Management Utility* manual for complete licensing information.

To install, enter the following command:

```
$ @SYS$UPDATE:VMSINSTAL SNALU62024 device-name OPTIONS N
```

Compaq recommends that you read the Release Notes for any technical issues before you begin installation.

Documentation

The DIGITAL SNA APPC/LU6.2 Programming Interface for OpenVMS, V2.4 documentation set includes the following:

- DIGITAL SNA APPC/LU6.2 Programming Interface for OpenVMS Installation (AA–EV68G–TE)
- DIGITAL SNA APPC/LU6.2 Programming Interface for OpenVMS Programming (AA–ET91G–TE)

If you need to order additional documentation, contact your Compaq sales representative or refer to the ordering information in the *Software Documentation Product Directory*.

Associated Documents

You may need to refer to the following IBM documents:

- Introductory manuals about SNA:
  - — *Systems Network Architecture Concepts and Products*, IBM Order No. GC30-3072. Provides basic information on SNA for readers wanting an overview of SNA.
  - — *Systems Network Architecture Technical Overview*, IBM Order No. GC30-3073. Provides a technical description of how SNA functions allow network users to be independent of SNA network characteristics and operations.
- Manuals about the LU6.2 programming interfaces:
  - — *System Network Architecture Transaction Programmer's Reference Manual for LU Type 6.2*, IBM Order No. GC30-3084. Provides the architectural definition for LU6.2 programming interface.
  - — *Common Programming Interface, Communications, CPI-C Reference*, IBM Order No. SC26-4399. Provides general information about the CPI-C interface and its implementation in AIX, CICS/ESA, IMS/ESA, MVS/ESA, Networking Services for Windows, OS/2, OS/400, and VM/ESA.

- Manuals about the SNA architecture:
  - — *Systems Network Architecture Reference Summary*, IBM Order No. GA27-3136. Provides summary information on SNA formats and sequences.
  - — *Systems Network Architecture Format and Protocol Reference Manual: Architecture Logic*, IBM Order No. SC30-3112. Provides comprehensive information on the formats and protocols of SNA nodes.
  - — *Systems Network Architecture - Sessions Between Logical Units*, IBM Order No. GC20-1868. Contains reference information on SNA formats and protocols for LU types other than 6.2.
  - — *Systems Network Architecture Advanced Peer-to-Peer Networking Architecture Reference*, IBM Order No. SC30-3422. Contains reference information on SNA formats and protocols for network nodes participating in an Advanced Peer-to-Peer Network.
- Manual about the LU6.2 architecture:
  - — *Systems Network Architecture LU6.2 Reference: Peer Protocols*, IBM Order No. SC31-6808.

In addition, you may wish to refer to any IBM manuals that describe the LU6.2 implementation used by the transaction program with which your transaction program will communicate.

Compaq and the Compaq logo are registered in the United States Patent and Trademark Office.

™ DECnet, DIGITAL, OpenVMS, and VAX are trademarks of Compaq Computer Corporation.

® IBM is a registered trademark of International Business Machines Corporation.

Copyright © 1996, 1998 Electronic Data Systems Corporation. All rights reserved.

Copyright © 1993 Digital Equipment Corporation. All rights reserved.