

# OECN State Software Logicals

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## OpenVMS Logicals

Logical	Description/Usage
OECN\$	OECN and CSSR common file directory. This is used to reference files shared by all users and for reference to executables. It is assumed all executables for the OECN and CSSR packages will reside in this directory.
OECN\$BUD	USAS common file directory. This is used to reference executables when program chaining or batch submission is performed within the software. It is assumed all USAS ".EXE" files exist in the directory referenced by this logical assignment.
OECN\$CDD_BUD	CDD directory where the USAS CDD and DTR definitions are stored. It is recommended this logical point to a CDD directory that is separate from other CDD definitions (e.g. CDD\$TOP.OECN.USAS54).
OECN\$CDD_EMIS	CDD directory where the EMIS CDD and DTR definitions are stored. It is recommended this logical point to a CDD directory that is separate from other CDD definitions (e.g. CDD\$TOP.OECN.EMIS10).
OECN\$CDD_OECN	CDD directory where the OECN CDD and DTR definitions are stored. It is recommended this logical point to a CDD directory that is separate from other CDD definitions (e.g. CDD\$TOP.OECN.OECN10).
OECN\$CDD_PAY	CDD directory where the USPS CDD and DTR definitions are stored. It is recommended this logical point to a CDD directory that is separate from other CDD definitions (e.g. CDD\$TOP.OECN.USPS38).
OECN\$CDD_SAAS	CDD directory where the SAAS CDD and DTR definitions are stored. It is recommended this logical point to a CDD directory that is separate from other CDD definitions (e.g. CDD\$TOP.OECN.SAAS20).
OECN\$CDD_SECIMS	CDD directory where the SECIMS CDD and DTR definitions are stored. It is recommended this logical point to a CDD directory that is separate from other CDD definitions (e.g. CDD\$TOP.OECN.SECIMS10).
OECN\$SECIMS	SECIMS common file directory. This is used for referencing executables when program chaining or batch submission is performed within the SECIMS software. It is assumed all SECIMS ".EXE" files exist in the directory referenced by this logical assignment.
OECN\$EIS	EIS common file directory. This is used for referencing those files shared by all users of EIS and for references to executables when program chaining or batch submission is performed within the software. It is assumed all EIS ".EXE" files exist in the directory referenced by this logical assignment.
OECN\$PAY	USPS common file directory. This is used for those files shared by all USPS users, and for references to executables when program chaining or batch submission is performed within the software. It is assumed all USPS ".EXE" files exist in the directory referenced by this logical assignment.
OECN\$ROOT	OECN Software Root directory. This is used to reference the device and root directory where all OECN State software resides, (e.g. - "DUA0:[ODE.]").
OECN\$TAPE	Tape Logical. This logical name is used by all OECN State software programs to define the physical tape device utilized for all tape operations associated with the use of the OECN State software.
OECN\$TAX	Common tax file directory. This is used to reference the file TAXTAB.IDX for payroll users.
OECN\$VIS	VIS common file directory. This is used to reference files shared by all VIS users on the system and for references to executables when program chaining or batch submission is performed within the software. It is assumed all VIS ".EXE" files exist in the directory referenced by this logical assignment.
OECN\$DTA	User data file directory (for USPS and USAS).

OECN\$AR\$DTA

Accounts Receivable file directory. All user files associated with the USAS accounts receivable subsystem are assumed to reside in the directory referenced by this logical assignment.

OECN\$EIS\$DTA

EIS user data file directory. All user files associated with EIS are assumed to reside in the directory referenced by this logical assignment.

OECN\$SECIMS\$DTA

SECIMS user data file directory. All user files associated with SECIMS are assumed to reside in the directory referenced by this logical assignment.

OECN\$SAL\$DTA

SALSIM user data file directory. The files INDICE.IDX, FTEEMP.IDX, and LONGEV.IDX utilized by the SALSIM program are assumed to reside in the directory referenced by this logical assignment.

OECN\$VIS\$DTA

VIS user data file directory. All user files associated with VIS are assumed to reside in the directory referenced by this logical assignment.

OECN\$OUT

Output file directory. This is used to reference the directory that contains the output from report programs as well as any temporary or sequential files. Programs require the user has write access to this directory. Please note, certain sequential files in USAS and USPS used for further processing or tape submission are assigned to OECN\$DTA as only one copy of such a file is permitted per district, (e.g. - BUDGET.001, TSM2, TAP, etc.).

OECN\$CUSTOM

Custom library directory. This directory is used to hold copy libraries, menu files and command procedures associated with State software but have been customized for local usage.

OECN\$LIB

Library directory. This directory contains COBOL copy libraries which are common to all packages. Also contains VMS object libraries and sharable images

OECN\$UTL

Utility directory. This directory contains command procedures and utilities distributed and supported by SSDT.

OECN\$MENU\$FILES

This logical defines the location of the menu files used by the OECN Menu Processor. It may be a search list.

OECN\$MENU

Defines the default menu file to be used if the OECN Menu Processor is invoked and a menu file is not specified.

#### OECN\$EMIS

EMIS common file directory. This is used for those files shared by all EMIS users and for references to executables when program chaining or batch submission is performed within the software. It is assumed that all EMIS ".EXE" files exist in the directory referenced by this logical assignment.

#### OECN\$EMIS\_DB

Database configuration file (optional)

#### OECN\$EMIS\_STU\_SEARCH

Optional student search file.

#### OECN\$ALIAS

Defines the alias file used by the OECN Menu Processor if one is not specified by the user.

#### OECN\$HELP

This logical defines the location of the OECN Help libraries.

#### OECN\$MENU\_HELP

This logical defines the default help file used when the user requests help about the OECN Menu Processor.

#### OECN\$SECUR

This optional logical is used to define local menu security. If the logical is defined, the OSA utility and menu processor use this file to maintain and process local security.

#### OECN\_MENU\_PROMPT

This is an optional logical that stores the current prompt used by the OECN Menu Processor. This logical may be defined at the system or group level to specify a specific prompt. However, the user may override the prompt with a SET PROMPT command.

#### OECN\_MENU\_MODE

This is an optional logical used to define the default mode the menu processor will use. May be defined as "MENU" or "COMMAND". If not defined, the default mode is "MENU".

#### OECN\$OECN\$DTA

OECN user data file directory.

OECN\$CSSR\$DTA

CSSR user data file directory.

OECN\$EMIS\$DTA

EMIS user data file directory.

## Implementation

Implementation of this logical schema at your site can be done in several different modes. In one variation each of the "\$DTA" logicals could represent a different sub-directory for a user. In another variation each "\$DTA" logical could represent a different root directory. Basically, the logicals have been designed in an attempt to allow you to do almost anything possible under VMS. It is envisioned however, that all these logicals should be assigned system-wide and then overridden as needed at the user level via a login command procedure. For example, the following logicals might be made system-wide:

```
$ DEFINE/SYSTEM OECN$DTA SYS$DISK:[ ]
$ DEFINE/SYSTEM OECN$OUT SYS$DISK:[ ]
$ DEFINE/SYSTEM OECN$SECIM$DTA SYS$DISK:[ ]
$ DEFINE/SYSTEM OECN$VIS$DTA SYS$DISK:[ ]
```

If the above is done, you would then only have to override these logicals for those users requiring distributed/restricted access.

For those sites desiring to "load-balance" between disk drives the fact that all USAS, EIS, and USPS files are assigned to one logical, OECN\$DTA, may seem to be a drawback. For those sites desiring to perform "load-balancing" between disk drives it is suggested you utilize a "search-list" logical definition for OECN\$DTA. For example:

```
$ DEFINE OECN$DTA DUA1:[user],DUA2:[user]
```

The above definition, if placed in a user's log-in command procedure would allow the files to be allocated across two disk drives in a manner determined by the system manager. At access time VMS will automatically search the directory [user] on DUA1: and then search the [user] directory on DUA2: for existence of a file.

## Package/Logical/Identifier Cross Reference

Package	Logicals	Identifiers
OECN	<ul style="list-style-type: none"> <li>• OECN\$OUT</li> <li>• OECN\$</li> <li>• OECN\$MENU\$FILES</li> <li>• OECN\$ALIAS</li> <li>• OECN\$MENU</li> <li>• OECN\$SECUR</li> <li>• OECN\$HELP</li> <li>• OECN\$CEU\$DTA</li> <li>• OECN\$OECN\$DTA</li> <li>• OECN\$LPD\$DTA</li> </ul>	<ul style="list-style-type: none"> <li>• OECN_OECN</li> <li>• OECN_LPDC</li> </ul>
CSSR	<ul style="list-style-type: none"> <li>• OECN\$CSSR\$DTA</li> <li>• OECN\$OUT</li> <li>• OECN\$DTA</li> <li>• OECN\$</li> </ul>	<ul style="list-style-type: none"> <li>• OECN_CSSR</li> <li>• OECN_ODEAPL</li> <li>• OECN_ODEAPL_xxxxxx</li> <li>• OECN_PVS</li> </ul>
	<ul style="list-style-type: none"> <li>• OECN\$DTA</li> <li>• OECN\$OUT</li> </ul>	<ul style="list-style-type: none"> <li>• OECN_EIS</li> <li>• OECN_EIS_RO</li> </ul>

SAAS	<ul style="list-style-type: none"> <li>• OECN\$VIS\$DTA</li> <li>• OECN\$TAPE</li> <li>• OECN\$HELP</li> </ul>	<ul style="list-style-type: none"> <li>• OECN_VIS</li> <li>• OECN_VIS_RO</li> </ul>
USAS	<ul style="list-style-type: none"> <li>• OECN\$AR\$DTA</li> <li>• OECN\$DTA</li> <li>• OECN\$OUT</li> <li>• OECN\$BUD</li> <li>• OECN\$HELP</li> </ul>	<ul style="list-style-type: none"> <li>• OECN_USAS</li> <li>• OECN_USAS_GM</li> <li>• OECN_USAS_RO</li> <li>• OECN_GAAP</li> <li>• OECN_AR</li> <li>• OECN_AR_RO</li> </ul>
USPS	<ul style="list-style-type: none"> <li>• OECN\$DTA</li> <li>• OECN\$OUT</li> <li>• OECN\$BUD</li> <li>• OECN\$TAX</li> <li>• OECN\$TAPE</li> <li>• OECN\$PPS\$DTA</li> <li>• OECN\$HELP</li> </ul>	<ul style="list-style-type: none"> <li>• OECN_USPS</li> <li>• OECN_USPS_RO</li> <li>• OECN_PPS</li> <li>• OECN_PPS_RO</li> <li>• OECN_SALSIM</li> </ul>
SECIMS	<ul style="list-style-type: none"> <li>• OECN\$OUT</li> <li>• OECN\$SECIMS\$DTA</li> <li>• OECN\$</li> <li>• OECN\$HELP</li> </ul>	<ul style="list-style-type: none"> <li>• OECN_SECIMS</li> <li>• OECN_SECIMS_GRPMAN</li> </ul>
EMIS	<ul style="list-style-type: none"> <li>• OECN\$EMIS</li> <li>• OECN\$EMIS\$DTA</li> <li>• OECN\$CDD_EMIS</li> <li>• OECN\$EMIS_DBS</li> <li>• OECN\$EMIS_STU_SEARCH</li> </ul>	<ul style="list-style-type: none"> <li>• OECN_EMIS_FIN</li> <li>• OECN_EMIS_FIN_RO</li> <li>• OECN_EMIS_FIN_GM</li> <li>• OECN_EMIS_STF</li> <li>• OECN_EMIS_STF_RO</li> <li>• OECN_EMIS_STF_GM</li> <li>• OECN_EMIS_SFU</li> <li>• OECN_EMIS_SFU_RO</li> <li>• OECN_EMIS_SFU_GM</li> <li>• OECN_EMIS_STU</li> <li>• OECN_EMIS_STU_RO</li> <li>• OECN_EMIS_STU_GM</li> <li>• OECN_EMIS_GEN</li> <li>• OECN_EMIS_GEN_RO</li> <li>• OECN_EMIS_GEN_GM</li> </ul>

The only other Identifier - OECN\_SYSMAN should only be defined for ITC personnel.