

SUNGARD ZaiNet Bootcamp

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Purpose of Course

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Introduction

The purpose of this course is to provide an end-to-end overview of the ZaiNet application starting with static data and concluding with system administration. This is a 5-day course covering these sections:

- Static Data Overview
- Trade Blotter Overview and Trade Entry
- Price Entry
- Back Office
- Reporting
- ZaiNet Architecture
- ZaiNet Installation and Configuration
- Global variables
- Database Maintenance
- Custom rules
- Security and audit
- Import and publish

Who should take the course

You should attend this class if you support your internal ZaiNet users, perform internal audits or need a very comprehensive overview of the application. This course is designed to cover the information needed to prepare for the ZaiNet System Administrator Certification. Pre-requisites for this course include a basic understanding of the ZaiNet application.

Continuing Education Units (CEU)

- 4.0 CEU
- Authorized Provider of CEU by International Association of Continuing Education & Training

Course Cost

\$3,000 per person
Includes 5 full days of hands-on training
Training guide with practice exercises
Daily continental breakfast

Schedule Summary

Five days
9am – 5pm each day

Section 1 – Static Data

The purpose of the ZaiNet Static Data Overview is to provide you with basic information about:

- Important elements of the counterparty, master agreement, book, and market/component static data that are applied in the system
- How to add counterparty, master agreement, book, and market/components

Understand Static Data Configuration

After completing this section you will be able to:

- Explain important elements of the counterparty, master agreement, book, and market/component static data and how they data is applied in the system
- Add a Counterparty Record
- Add a Master Agreement Record
- Add a Book Record
- Add Brokers and Commissions
- Add Market/Component Records for Gas, Power, Coal, Emissions, and Weather

Section 2 – Trade Review

The purpose of the ZaiNet Trade Review section is to provide you with basic information about the Energy Trade Blotter (ETB) including:

- Features of the ETB
- How to add basic trades

Understand the Energy Trade Blotter

After completing this section you will be able to:

- Explain ETB templates, profiles, form filters and sorts, and trade entry sections
- Add physical gas trades
- Add physical power trades
- Upload a load shape power trade
- Add a coal trade
- Add an emissions trade
- Add a weather trade

Section 3 – Price Entry

The purpose of the ZaiNet Price Entry section is to provide you with basic information about:

- Market price entry
- Settlement price entry

Understand Price Entry

After completing this section you will be able to:

- Enter a Gas Market Price
- Enter a Gas Publication Settlement price
- Enter a Daily Power Price

- Enter an Hourly Power Price

Section 4 – Invoice/Checkout and Cash Adjustments

The purpose of the ZaiNet BackOffice Section is to provide you the information that will enable you to understand the following topics related to ZaiNet.

Invoicing and Checkout

- Invoicing and Checkout Overview
- Invoice/ Checkout Blotter Basics
- Invoice Record Management
- Invoicing Reports
- European Invoice Numbers
- Invoice Process Flow Charts

Cash Adjustments

- Cash Adjustments Overview
- Cash Adjustment Screen Field Definitions

Cash Matching and Payments

- Cash Matching Overview
- Using the Bank Entry Blotter
- Using the Cash Payments Screen
- Using the Cash Matching Screen
- Cash Matching Reports
- Cash Matching Examples

Section 5 – Reporting

The purpose of the ZaiNet Report Writer training course is to provide you comprehensive training on the ZaiNet Report Writer This course includes:

- Review the features of the ZaiNet Report Designer
- Review and apply basic report properties including views, columns and filters
- Review and apply special report properties
- Batch creation
- Filtering for performance

Understand Report Design

After completing this section, you will be able to:

- Describe features of the ZaiNet Reporter
- Explain report basics including properties, columns, parametric columns, sorts, and filters
- Explain PET, PETEXP, and PETDAILY views
- Understand pricing and settlement in ZaiNet including pricing methods and fixing methods to properly value transactions
- Apply special report properties such as Split RTC, Basket, timezone shifting, subdaily mode, early power, prices, and daily breakdown
- Using the SQL view

- Apply IF, MATH, STRING, and DATE report columns
- Explain wildcard, multi-level, interactive, and underscore filters
- Explain and apply price method and fixing method in ZaiNet
- Batch reporting
- Use filtering to improve performance
- Risk Reports.
- Review the Report Dashboard and Library properties

Section 6 – Advanced Reporting

The purpose of the ZaiNet Architecture Section is to provide you the information that will enable you to understand the basics of ZaiNet Architecture.

- Understand the static data requirements for pricing reports
- Gain some familiarity with the table structure of ZaiNet
- Use SQL reports to view tables and table information
- Understand Command Line tools and commands
- Use Fixing Methods on reports
- Understand the use of views
- Design and create statements for confirmations
- Understand pricing reports that make use of different price sets including synthetic forward curves
- Understand how to trigger shell scripts for PCs and UNIX servers
- Understand how to report on different trade types: Swaps, Index Physical, OTC options
- Better understand the reporter processing flows & thus techniques for improving report performance
- Identify and solve some common problems with reporting
- Trade Data Reporting
 - Reporting Peak and Offpeak Cashflows
 - Reporting on Overnight and Offset RTC Deals
 - Reporting on Power Ramping
 - Reporting on Tolling Deals
 - Holiday Reporting
 - Reporting on Load Shapes
 - Reporting on Coal Deals
 - Reporting on Power Schedules
 - Reporting on Master Agreements
 - IAS39 Hedge Allocation Reporting
 - Gas Day Logic and DST in the Reporter
 - Units in the Reporter
- Use Ad Hoc Reporting
- Basis Breakdown Reporting
- Understand the use of Parametric Report Columns
 - +1Qty Block/ +2Qty Block
 - Char
 - Counter
 - Date
 - If
 - Math
 - Max and Min
 - MW and MWH
 - P&L
 - P&L 2
 - P&L Brkdn

- Price Func
- String
- Total
- Trade Type 2
- Trans Prc
- Value Func

Section 7 – ZaiNet Architecture

The purpose of the ZaiNet Architecture Section is to provide you the information that will enable you to understand the basics of ZaiNet Architecture.

Section 8 – ZaiNet Installation and Configuration

The purpose of the ZaiNet Installation and Configuration Section is to provide you the information that will enable you to perform the following activities related to ZaiNet:

- License Server
- Trader Workstation Installation
- ZaiNet Server Implementation
- ZaiNet NT Service Manager
- RealTime Installation

The License Server

- License Server Overview
- License Server Implementation
- License Console Implementation
- Using the License Console

Trader Workstation Installation (javaGUI)

- Trader Workstation Installation Overview
- Default Installation Directories
- Configuring Server Connections
- Logger Service Implementation
- Staging Environment Implementation
- ZaiNet Web Start Implementation

ZaiNet Server (ZS) Implementation

- ZS Installation
- ZS Command Line Switches
- SQL Command Time Logs
- MU Log Messages

The ZaiNet NT Service Manager

- NT Service Manager Overview
- Setting the NT Service Options
- Configuring the NT Service Scheduler
- Installing and Starting the NT Service
- Verifying NT Service Version Information

- Real Time ODBC Setup Using the Service Manager
- Uninstalling the NT Service
- ZN Service Event Log Messages

Real Time Installation

- ZR Installation
- ZR2 Installation
- Starting a zs.exe in Real Time Mode
- Establishing Real Time Server Connections in the Trader Workstation
- Running a ZR and ZR2 on the Same Box
- Zainet Message Center Installation

Section 9 – Global Variables

The purpose of the ZaiNet Global Variables Section is to provide you the information that will enable you to perform the following activities related to ZaiNet:

- Character variables (gloc)
- Date variables (glodt)
- Decimal variables (glod)
- Integer variables (gloi)

Section 10 – Database Maintenance

The purpose of the ZaiNet Database Maintenance Section is to provide you the information that will enable you to perform the following activities related to ZaiNet:

- Upgrading the Database
- Applying Not Null Constraints via znupdate
- Specifying Storage Parameters via znupdate
- Database Consistency Check
- Automated Archiving (znarc)
- Using Oracle Sequences
- Second Oracle Users

Section 11 – Custom Rules

The purpose of the ZaiNet Customer Rules Section is to provide you the information that will enable you to perform the following activities related to ZaiNet:

- Custom Rules Overview
- Custom Rules Field Definitions
- Rule Structure
- Custom Rule Event Definitions
- Custom Rule Examples

Section 12 – Security and Audit

The purpose of the ZaiNet Security and Audit section is to provide you the information that will enable you to perform the following activities related to ZaiNet:

- Security Administration Overview
- User ID Configuration
- Screen Security
- Data Security
- Report Security
- Password Security
- Single Sign On (SSO) Implementation
- Security Lock Definitions
- Trader Workstation Screen and Lock Mapping

Section 13 – Import and Publish

The purpose of the ZaiNet Import and Publish Section is to provide you the information that will enable you to perform the following activities related to ZaiNet:

- Introduction to the ZS Importer and ZN Publisher
- ZN Publisher
- ZS Importer
- The ZS Importer/ Publisher Data Dictionary
- Modifying ZS Importer/ Publisher Reference Data
- TIB Adaptors
- Convert2XML