

## **Combine Terminal Services and CTX-1222BB MetaFrame XP for Windows Admin, Feature Release 3**

(5 days - ILT, 5 hours -eLearning) is a blended five-day training course designed for experienced network professionals that includes the following:

- (1 day) Supporting Microsoft Windows 2000/2003 Terminal Services
- (4 days) Instructor Led Training course CTX-1222BB Citrix MetaFrame XP for Windows Administration
- (3 hrs) eLearning course CTX-1225AW Citrix MetaFrame XP Presentation Server: Feature Release 3 Update
- (2 hrs) eLearning course CTX-1320AW Citrix MetaFrame Password Manager: Introduction

### **Includes:**

Workbook, handouts, practice exam questions, free email support for one year after completion of course, CTX-1225AW- CTX-1320 vouchers, Mainstream shirt, continental breakfast each day and lunch on last day.

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This 5-day course provides hands-on instruction in designing, planning, testing and deploying MetaFrame XPe server farms. The first day focuses on in-depth training on Windows 2003 Terminal Services architecture. During the last 4 days, students will be taught the Citrix MetaFrame XP course CTX-1222BB including Web Interface (NFuse) deployment, load balancing, Citrix administration and security. Students will be given the access codes to the eLearning course. Upon completion of this course, students will be prepared to pass the 222 exam and the CTX-1320AW Password Manager test in order to receive the CCA certification.

- **CTX-1222BB** is a blended training course containing both Instructor Led Training and eLearning courses. The Instructor Led Training course provides interactive presentations, discussion and practical application through hands-on labs and group activities. The eLearning course extends the core content provided in the instructor-led course and details Citrix MetaFrame XP Presentation Server, Feature Release 3.
- **Windows Terminal Server Course:** see outline on pg 3,4
- **ELearning:** Instructors will help tutor with the eLearning courses. Learners are provided with the eLearning vouchers access code that enables registration on-line for the eLearning course.

### **Details:**

This course provides the necessary foundation to fully utilize the power of Citrix MetaFrame XP Presentation Server. This course covers installation and administration of Citrix MetaFrame XP Presentation Server and Citrix ICA® clients in a variety of network environments. Learners receive in-depth training on using the management console for MetaFrame XP Presentation Server, configuring a MetaFrame XP Presentation Server farm and individual server settings, managing licensing and administering MetaFrame XP Presentation Servers.

**Skills and Key Topics:**

Upon successful completion of this course, learners are able to:

- Install Citrix® MetaFrame XP™ Presentation Server and Citrix ICA® clients in a variety of network environment
- Recognize Citrix technologies, including Independent Computing Architecture (ICA), Independent Management Architecture (IMA), client device licensing and SpeedScreen™ latency reduction
- Identify the features and functions of the management console for MetaFrame XP Presentation Server
- Configure a MetaFrame XP Presentation Server farm and individual server settings
- Manage licenses and administer MetaFrame XP Presentation Servers
- Shadow users and configure SpeedScreen latency reduction and new ICA connections
- Configure Terminal Services

**Prerequisites:**

It is recommended that learners have experience administering Microsoft Windows 2000 or Windows Server™ 2003 environments.

**Certification:**

Citrix blended training course CTX-1222BB prepares candidates for exam 222 Citrix MetaFrame XP Presentation Server, Feature Release 3: Administrator. Exam 222 is the core exam required for certification as a Citrix Certified Administrator™ (CCA) for MetaFrame XP Presentation Server.

**The following are the updated requirements for attaining the CCA certification:**

1. Pass the following exams. The associated course listed next to each exam is recommended to prepare you for that exam

Exam	Recommended Training
<a href="#">222 Citrix MetaFrame XP Presentation Server, Feature Release 3: Administration</a> Alternate exam: 218, 220 or 221	<a href="#">CTX-1222BB Citrix MetaFrame XP Presentation Server, Feature Release 3: Administration</a> CTX-1225AW Citrix MetaFrame XP Presentation Server: Feature Release 3 Update

2. eLearning course needed. You have to pass the assessment given at the conclusion of the course.

**eLearning Courses**

[CTX-1320AW Citrix MetaFrame Password Manager: Introduction](#)

Please refer to Related Documents on the [Exams](#) page for more information regarding Citrix exam policies and the Citrix exam release, discontinuation and retirement schedule Please click [here](#) for a list of Frequently Asked Questions regarding Citrix certifications.

### **Our Instructors:**

All Mainstreams' Instructors are practicing systems engineers, with a combined 50 years of real world experience needed to deliver high quality training. Our Train-the-Trainer Instructors are Microsoft (MCSE/MCT), Novell (MSNE/CNI), and Citrix (CCA/CCI/CCEA) certified. Authors of "MetaFrame XPe FR3 Academic Version" "WinFrame 1.7 Key User Manual" and numerous White Papers. Mainstream's Instructors are known to teach and consult [internationally](#), as well as, in various [academic fields](#).

## **Windows Terminal Server Course Outline**



Module 1, "Introduction to Microsoft Windows Terminal Server 4.0" defines Microsoft Windows NT 4.0, Terminal Server Edition and shows how it implements application deployment and administration from single server. It identifies the Terminal Server components, explains their functions, and shows how they are used in the Microsoft Windows NT environment. At the end of this module, you will be able to recognize Terminal Server's major capabilities, identify different uses for its primary features and functions, and use a client to run applications in a Terminal Server environment.

Module 2, "Implementing Terminal Server," explores the major phases of implementing Terminal Server including planning, troubleshooting, and the actual installation. At the end of this module, you will be able to install and configure Terminal Server.

Module 3, "Configuring User Accounts for Terminal Server," explains how Microsoft Windows NT user accounts work in Terminal Server. At the end of this module, you will be able to configure and manage Windows NT users to use Terminal Server features.

Module 4, "Installing and Configuring Terminal Server Client," defines a Terminal Server client and presents examples of the most common client configurations. Then, the module describes how to use Terminal Server Client to connect to Terminal Server. At the end of this module, you will be able to install and configure Terminal Server clients.

Module 5, "Administering Terminal Server," presents an overview of the tools, utilities, and processes used to administer Terminal Server. At the end of this module, you will be able to use Terminal Server's utilities to administer the Terminal Server environment.

Module 6, "Implementing Applications on Terminal Server," presents an overview of how applications function in Terminal Server. At the end of this module, you will be able to install and configure a variety of 16- and 32-bit applications.

Module 7, "Controlling the User Environment," explains how to implement zero administration in Terminal Server. At the end of this module, you will be able to implement Zero Administration Windows on a Terminal Server.

Module 8, "Accessing Resources from a Terminal Server Client Session," explains how to access resources, including both printers and drives/directories, from a Terminal Server Client session. At the end of this module, you will be able to access resources from a Terminal Server session.

Module 9, "Using MetaFrame to Extend Terminal Server," presents a descriptive overview of MetaFrame and explains the features and benefits that MetaFrame can add to Terminal Server. At the end of this module, you will be able to install and configure the MetaFrame extensions to Terminal Server.

Module 10, "Installing and Configuring MetaFrame Clients," identifies the MetaFrame client environments and explains how to implement them in different situations. It also explains how to implement the "seamless user experience." At the end of this module, you will be able to install and configure a MetaFrame client.

Module 11, "Administering MetaFrame in Terminal Server," presents a functional overview of the MetaFrame administration tools and support resources. At the end of this module, you will be able to use the Citrix administration utilities to administer MetaFrame in Terminal Server.

Module 12, "Analyzing and Optimizing Terminal Server," presents Performance Monitor as it applies to Terminal Server. The module explains how to identify Performance Monitor objects and counters that can generate data specific to Terminal Server performance. At the end of this module, you will be able to use Performance Monitor to identify and solve problems in Terminal server.