



## CTX-6114AI Citrix Access Suite 4.0: Design

This course provides learners with the knowledge and skills necessary to design an environment in which all products of the Citrix Access Suite 4.0 will be implemented. During this course, learners are given best practices for making design decisions, and are expected to use this information to create mock designs for environments. The content for this course is based on Citrix Presentation Server 4.0, Citrix Password Manager 4.0 and Citrix Access Gateway 4.2 with Advanced Access Control.

### Audience

This course is intended for architects, integrators and consultants who design, build, test and rollout a Citrix Access Suite 4.0 implementation. Training attendees are assumed to possess senior-level expertise in Microsoft Windows Server 2003 with Terminal Services and Citrix design and administration.

### Preparatory Recommendations

Before taking this course, Citrix recommends that learners successfully complete the following:

- CTX-1455AW Citrix Access Suite 4.0: Common Management Platform Administration
- CTX-1255AW Citrix Presentation Server 4.0: Architectural Overview
- CTX-1256AI Citrix Presentation Server 4.0: Administration
- CTX-1305AW Citrix Access Gateway 4.2 with Advanced Access Control: Architectural Overview
- CTX-1306AI Citrix Access Gateway 4.2 with Advanced Access Control: Administration
- CTX-1325AW Citrix Password Manager 4.0: Architectural Overview
- CTX-1326AI Citrix Password Manager 4.0: Administration
- CTX-6113AI Citrix Access Suite 4.0: Analysis

Learners who do not complete these courses risk not having the foundational knowledge and skills necessary to attend CTX-6114AI.

### Key Skills

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

- Conduct a design meeting and identify architecture, operational process and implementation design areas
- Create a design for server farm implementation, deployment of Presentation Server, printing architecture, application deployment and Installation Manager integration in a Citrix Access Suite environment
- Plan Advanced Access Control, Web Interface and Citrix Access Suite Client designs
- Create a Secure Gateway, Access Gateway Advanced Edition and Password Manager architectural design in a Citrix Access Suite environment
- Create an architectural design for the license server, hardware, operating system configuration, networking and data storage in a Citrix Access Suite environment
- Create an architectural design for operational and support procedures, systems management integration, change control, application integration, scalability testing, recovery and training in a Citrix Access Suite environment
- Create pilot, migration and rollout designs, to create user tools and to implement rollout support

### Instructional Method

This instructor-led training course provides interactive presentations, discussion and practical application through hands-on labs and group activities.

### Course Length

2 days

## Certification Preparation

This course prepares learners for to take exam 1Y0-614 Citrix Access Suite 4.0: Design. 1Y0-614 is a requirement for the Citrix Certified Integration Architect (CCIA) for Citrix Access Suite 4.0.

### Topic Outline

- Conceptual Design
  - Design Meetings
  - Architectural Design Areas
  - Identifying Presentation Services Design Areas
  - Identifying Access Design Areas
  - Identifying Security Design Areas
  - Identifying Infrastructure Integration Design Areas
  - Operational Support Design Areas
  - Implementation Design Areas
  - Access Strategy Design Documents
- Presentation Services Design
  - Server Farm Architecture Design
  - Designing a Small-to-Medium Sized Farm Deployment
  - Designing a Large Farm Deployment
  - Data Store Architecture Design
  - Presentation Server Architecture Design
  - Printing Architecture Design
  - Application Integration Architecture Design
  - Planning an Installation Manager Design
- Access Design
  - Advanced Access Control Design
  - Web Interface Design
  - Citrix Access Suite Client Design
- Security Design
  - Secure Gateway Architecture Design
  - Planning a Secure Gateway Core Architecture Design
  - Planning the Secure Gateway Network Security Architecture Design
  - Access Gateway Advanced Architecture Design
  - Planning an Access Gateway Core Architecture Design
  - Planning an Access Design
  - Password Manager Architecture Design
  - Planning a User Environment Design
  - Planning a Local Store Design
  - Planning a Central Store Design
  - Planning the Application Definition Design
  - Planning a Password Policy Design
  - Planning a User Configuration Design
  - Planning Password Manager Agent Deployment Design
  - Planning a Password Manager Advanced Feature Design
- Infrastructure Integration Design
  - License Server Architecture Design
  - Hardware Architecture Design
  - Operating System Configuration and Lockdown Design
  - Directory Services Infrastructure Design
  - Network Infrastructure Design
  - Determining Network Card Configurations
  - Determining TCP/IP and Name Resolution Configurations

- Determining WAN Performance Factors
  - Data Storage Design
- Operational Process Design
  - Operational and Support Procedures
  - Systems Management Integration
  - Change Control
  - Application Integration and Scalability Testing
  - Backup and Recovery
  - Training and Communication
- Implementation Design
  - Pilot Design
  - Migration Design
  - Rollout Design
  - User Tools
  - Rollout Support Design

## Registration

Please go to [www.citrix.com/edu](http://www.citrix.com/edu) to locate a Citrix Authorized Learning Center (CALC) offering CTX-6114AI.