



2010-11 Computer-Based Testing Update

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Overview

- Computer-Based Assessments
- Staffing
- Glossary
- Computer-Based Testing (CBT) Platform and Minimum Specs
- Getting Ready
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 - Training/Support
 - Infrastructure Trial
- Helpful Sites and Questions

Spring 2011 Computer-Based Assessments

- FCAT Grade 10 Mathematics: one 160-minute session
- FCAT Mathematics Retake: untimed
- Algebra 1 End-of-Course (EOC): one 160-minute session
- Biology 1 EOC Field Test (no paper accommodations): session length TBD
- Geometry EOC Field Test (no paper accommodations): one 90-minute session

The Spring FCAT Reading Retake will be offered in both paper-based and computer-based formats; districts will notify the FDOE of the schools participating in computer-based testing for Reading Retake.

Staffing Updates

- Pearson
 - New CBT project manager
 - Dedicated tech support

- FDOE
 - Additional K-12 Assessment Team Member dedicated to CBT
 - New FDOE CBT Liaison: Working in Chancellor Haithcock's office to direct Computer-Based Assessments Certification and to serve as a contact between FAIR, FCAT/EOC, etc. (Bo Elzie)

CBT Glossary

PearsonAccess

- Used for almost all test preparation (e.g., PreID), setup, administration, and reporting tasks and accessible via the web. Administration must be selected every time you log in. Requires username and password setup. www.PearsonAccess.com/fl

Training Center

- Accessed from the PearsonAccess homepage, the Training Center provides an opportunity to practice PearsonAccess tasks and will be the means of managing the infrastructure trial in preparation for testing. Requires username and password setup.

Home

Support

Training Center



PearsonAccess is used to create, deliver, score, report and analyze summative, formative, and alternative assessments, and provides many other custom online and paper-based testing and reporting services.

Create, Deliver, Score, Report, & Analyze

- Send student data
- Manage participation counts
- Register students for testing
- View test results

[Log into PearsonAccess](#) ➔

Support

- FAQs
- Contact Us
- Resources

[Go To Support](#)

Contact Us

Phone
877-847-3043

E-mail

PearsonAccess (blue)

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Training Center



Learn how to use
PearsonAccess

Welcome to the PearsonAccess Training Center! The "Log into PearsonAccess Training Site" button below allows you to access a demo version of PearsonAccess for training purposes only. With this system, you can currently learn how to Manage Test Sessions.

Training
Center



[Log into PearsonAccess Training Site](#) ➔

Training Center (brown)

CBT Glossary (continued)

TestNav6.9

- The computer-based platform that Florida will use for high-stakes assessments beginning in Spring 2011.
- TestNav6.9 is an application that is installed either on a file server or on each computer that will be used for testing.
- Installation may require district support if the school does not have administrator-level access.

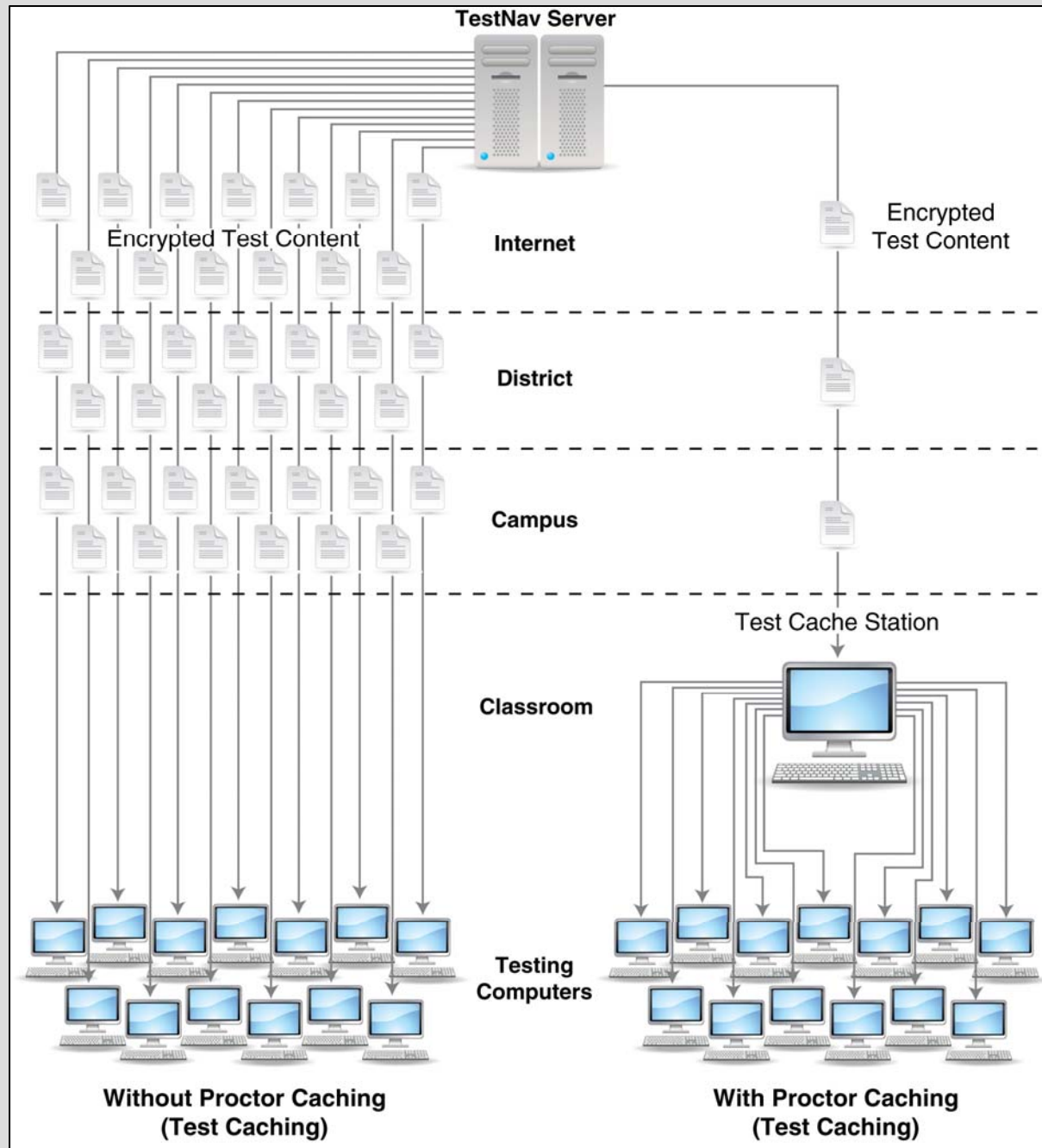
CBT Glossary (continued)

Proctor Caching

- Florida schools are **required** to use Proctor Caching.
- Pearson will provide the software and the instructions necessary to install and run Proctor Caching.

Benefits:

- Enables schools to download encrypted test content to a local computer.
- Can run from any workstation on the network that meets minimum requirements.
- Does not require a separate server.
- Reduces test delays due to network congestion.



CBT Platform - TestNav 6.9

- TestNav 6.9 was released in September 2009.
- Six states and the American Diploma Project have successfully delivered over 4.38 million tests to date using TestNav 6.9.
- FDOE is confident in the quality and proven stability of this product and is assured that it will provide an optimal testing experience for students.

Differences Between TN7 and TN6.9 Schools Tasks

TestNav7 (Spring 2010)	TestNav6.9 (Spring 2011)
Internet browser-based application.	Stand-alone application is installed on each computer (or on a file server) used during testing.
Required specific versions of third-party technologies, such as Flash and Java, installed on each computer.	Application download includes all third-party technologies needed for testing.
Supported Linux, Mac, and Windows/PC operating systems.	Supports Mac and Windows/PC (refer to CBT System Requirements for detailed information).
Proctor Caching was restricted to only one machine per school.	Proctor Caching can be configured to best suit each school and district, including multiple proctor-caching machines per school.

Differences Between TN7 and TN6.9 Student Interface

TestNav7 (Spring 2010)	TestNav6.9 (Spring 2011)
Item numbers displayed at bottom of screen; students could click on a number to go to an item.	Students click "Next" or "Back," or select "Go to" to see an overview page showing all items and whether each item has been answered.
Reading passages and related items shown in vertical split screen with scroll bars.	Reading passages and related items shown in horizontal split screen with scroll bars so entire item can be displayed along with scrollable portion of passage. Split screens are adjustable.
Students could respond and move to the next item without scrolling to view all answer choices.	Student must scroll all the way to the end of the item in order to click "Next," viewing all choices before responding and moving to the next item.

Minimum Specifications (TestNav 6.9)

2010–2011 FCAT and EOC Computer-Based Testing System Minimum Specifications

General Specifications (Windows/PC and Apple/Macintosh)

Each computer must meet or exceed the following General Specifications in addition to the applicable Operating System Specifications below:

- 500 MB available disk space
- 1024x768 screen resolution
- Keyboard and mouse

Operating System Specifications

Windows/PC	Windows XP (Service Pack 3) <ul style="list-style-type: none"> ▪ Pentium III 733 MHz processor ▪ 512 MB RAM 	Windows Vista (32-bit) <ul style="list-style-type: none"> ▪ Pentium III 1 GHz processor ▪ 1 GB RAM 	Windows 7 (32-bit) <ul style="list-style-type: none"> ▪ Pentium III 1 GHz processor ▪ 1 GB RAM
Apple/Macintosh	Mac OS X 10.4 <ul style="list-style-type: none"> ▪ G3, G4, G5 500 MHz processor ▪ 512 MB RAM 	Mac OS X 10.5 <ul style="list-style-type: none"> ▪ Intel, G4, G5 867 MHz processor ▪ 512 MB RAM 	Mac OS X 10.6 <ul style="list-style-type: none"> ▪ Intel processor ▪ 1 GB RAM

Other Notes

- Student Practice (ePat)
 - Only one practice script in the manual
 - Will require download of ePat launcher and test content
 - Will not use Training Center for setup
- Training Center
 - No PreID upload. To create students, use the sample students wizard.
- Do not use Spring 2010 CBT manuals (significant change in setup)
- Test Group Code for CBTs



Getting Ready...

Communication

CBT Advisory Committee

- Committee of district and school technology and assessment staff that will contribute to discussions regarding CBT policies and best practices.
- Committee members will be selected to reflect a representative sample of districts.
- Members will be asked to participate in monthly conference calls with FDOE's CBT Communications Team and provide input and feedback via email as needed.

Superintendents must submit nominations (2 per district) to FDOE by 9/10/2010.

Communication (continued)

School and District CBT Teams

- Teams will be identified in the Computer-Based Assessments Certification tool.
- School-level team
 - School principal
 - School assessment coordinator
 - Technology coordinator assigned to the school
- District-level team
 - District superintendent
 - District assessment coordinator
 - District IT/technology director
- Identify one primary point-of-contact on each team.

Training/Support

- Computer-Based Assessment Certification
- 5 Regional Trainings
 - Training will familiarize appropriate staff with technology requirements and setup
- Online Tutorials – in development
- Web-based Trainings
- Bandwidth Calculator Tool

Bandwidth Calculator Tool – Sneak Peek

(Final version will vary)

The screenshot shows the 'System Check for TestNav' interface. At the top, the title 'System Check for TestNav' is displayed in a blue header. Below the header, there are three tabs: 'Computer Configuration' (active), 'Network User Capacity', and 'Testing Volume Calculator'. Under the 'Computer Configuration' tab, there are two buttons: a green 'Start' button and a 'Print Friendly' button. The main content area is titled 'Not Started' and features a circular loading icon. Below this, there are two columns: 'Checks Performed' and 'Results'. The 'Checks Performed' column lists: Adobe Flash, Browser, Java Environment, and Operating System. The 'Results' column is currently empty. Below these columns, there is an 'Additional Details' section with two items: Proxy and Screen Resolution. At the bottom left, there is a copyright notice: 'Copyright © 2009 Pearson Education, Inc. or its affiliate(s). All rights reserved. Privacy Policy Terms of Use Rights and Permissions'. At the bottom right, the 'TESTNAV' logo is visible.

Computer Configuration

Network User Capacity

Testing Volume Calculator

Start

Print Friendly



Not Started

Network User Capacity Estimate

Add content servers if needed, then run analysis to view.

Proctor Caching Server

+ Add Caching Server

- Delete Caching Server

SERVICES

DOWNLOAD SPEED

UPLOAD SPEED

Pearson Servers

Computer Configuration

Network User Capacity

Testing Volume Calculator

Test Delivery Parameters

Please select your administration:

Spring 2010 EOC

Number of students testing simultaneously: 50 students

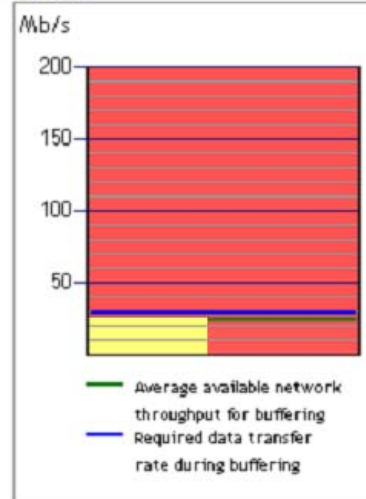
Network Environment Parameters

Are you using Proctor Caching? No Yes

Available link speed between work stations and Proctor Caching servers(s): 100Mb/s

Average network utilization percentage for the network between work stations: 76%

Outputs



Common network speeds:

Network Type	Speed (Mb/s)
OC3	155 Mb/s
Fast Ethernet	100 Mb/s
OC1	50 Mb/s
T3	45 Mb/s
T1, DSL	1.5 Mb/s
ISDN	0.1 Mb/s

Average available network throughput for buffering: 35Mb/s

Training/Support (continued)

- Test Administration Manual
 - Includes administration policies, scripts for practice tests and test sessions, and information required for successful site preparation.
- Supplemental Resources
 - Pearson User Guides (posted fall 2010)
 - Proctor Caching
 - TestNav Technology Guidelines

Infrastructure Trial

- A full-length mock test that can be loaded and tested at each school to mimic an actual day of testing.
- Designed for each school to test its infrastructure and resolve any issues that may arise.
- Managed in the Training Center.
- Recommend running trial in each lab prior to the statewide infrastructure trial, which will take place in early December 2010.

Helpful Sites

- **PearsonAccess**

www.pearsonaccess.com/fl

- **FDOE CBT**

<http://fcats.fldoe.org/fcats2/cbt.asp>

- **CBT wiki?**

<http://services.fcit.usf.edu/groups/cbt/>



QUESTIONS?