Installing ACT Unity Enterprise for the ACT International Subject Tests

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Installation Requirements

ACT Unity Enterprise for Windows is ACT’s secure testing client. To install, you will need:

- Windows 10 Professional, Enterprise or Education, version 1903 or newer.
- Access to the Windows Store with sufficient permission to install an application.
- The ability to create a local “Assigned Access” user on each test center computer.
- Firewall access to port 443 (https) from each test center computer to ACT. Additional details on communications from ACT Unity can be provided to your IT department upon request.
- The ability to “whitelist” ACT’s required domains in your firewall.

Checking Your Windows Version

If you don’t know what version of Windows you are running,

1. Open File Explorer
2. Right-click on “This PC”
3. Left click on “Properties” in the pop-up menu that appears.
4. In the About section of the Settings window that appears, examine the “Windows specifications” section.
5. Look at the Edition and Version information. You can also examine the OS build, to determine if it’s larger than 18362 (indicating version 1903 or more recent).
Checking Your Bandwidth

Ensuring your network has sufficient bandwidth during testing is critical for providing a high-quality testing experience for examinees. ACT recommends that your network supports 200 kbps for every testing device. These two websites provide tools that may help you evaluate your network’s bandwidth:

1. [https://www.awsspeedtest.com/latency](https://www.awsspeedtest.com/latency) - Check the Middle East and N. Virginia checkboxes. This is a latency test. High latency indicates something in the network is slowing your network’s data transfer speeds.

2. [https://cloudharmony.com/speedtest-for-aws:cloudfront](https://cloudharmony.com/speedtest-for-aws:cloudfront) – Pay particular attention to the 4-thread test and especially the lower values. Those low values are going to be intermittent but will be your minimum rate. This site also shows percentiles. Pay attention to the 25th percentile. That is going to be noticeable throughout the test. See the screen shot below.

The bandwidth measured when you run the checks above does not automatically equal the bandwidth experienced during AIST testing. Please keep in mind these points when testing your network’s bandwidth:

1. Your test center or internet provider may have policies in place that “turn down” bandwidth outside of regular school hours.
2. Other activities going on at your test center at the same time as AIST testing could use up bandwidth.
3. Other internet users in the vicinity could use up bandwidth. “Shared” bandwidth could be impacted by a large volume of streaming activity by other users during the test.

If You Tested Previously

If you tested on a previous test date, you will need to ensure you have the most current version of ACT Unity installed on your testing devices, or your test center may not be able to test. ACT will communicate the current version number ACT Unity in the readiness email sent to you four weeks before the test dates.

1. Confirm the version of ACT Unity is installed on each of your testing devices by opening ACT Unity and selecting the About option (information icon) from the menu on the left-hand side of the screen.
2. If you do not have the most current version of ACT Unity installed, you will need to uninstall ACT Unity and follow the directions below to install the most current version.
Installing ACT Unity Enterprise

1. In your web browser, navigate to the ACT Unity Enterprise app on the Microsoft Store.

   https://www.microsoft.com/store/apps/9NDQCD7HS7XB

2. Click on the Get button to download and install.

3. The application will automatically download and install.

Configuring Assigned Access User

1. In your web browser, navigate to following site to access the instructions for setting up a single-app kiosk in Windows 10/11.

   https://docs.microsoft.com/en-us/windows/configuration/kiosk-single-app

2. Configure a new user for Assigned Access, using ACT Unity Enterprise (installed previously) as the application to launch. Use the instructions under the heading “Instructions for Windows 10, version 1809”.
NOTE: If you want to use PowerShell, use the instructions under the heading “Set up a kiosk using Windows PowerShell” under the same URL.

Configuring ACT Unity Enterprise

1. Log in to Windows using the new username configured above. Logging in should start ACT Unity Enterprise automatically. If it doesn’t, the configuration is incorrect.

2. You will see a screen with 5 boxes in which you should enter the Test Center code. ACT will send you your test center code in a separate email.

3. The ACT Unity Device Check will run automatically.

4. After the device check is completed, you will see a screen with a Launch button, allowing you to connect to ACT. You must fix any errors that you see on this screen before you can launch to ACT.
5. **Whitelisting Domains**

- You must whitelist these ACT domains for your site:
  - act.org
  - actdigitalservices.org
  - act-et.org