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## System Requirements & Technical Specifications

The *Criterion*<sup>®</sup> Online Writing Evaluation v21.0.0 service is a web-based application. The instructional tool helps students plan, write and revise essays, and provides an instant holistic score and annotated diagnostic feedback.

**WHENEVER YOU ACCESS** the *Criterion* service, the following configuration requirements must be met:

### Browser Settings:

Browsers should be set to “accept all cookies” and security settings should be set no higher than medium.

### Internet Port Settings:

If you are accessing the *Criterion* service from behind a firewall or other network security device, let the protocols http and https go outbound.

### Firewall Timeout Settings:

Make sure that none of the security devices is set to automatically disconnect a user’s session prematurely. It is recommended not to set any disconnect settings for less than **60 minutes**

### Filter Settings:

If using content filtering, the following URLs must be permitted through the filters:

<http://criterion.ets.org>

<https://criterion.ets.org>

### Proxy Server Settings:

If your network utilizes a proxy server, please ensure *Criterion* web page data coming in from the following URLs are not cached:

<http://criterion.ets.org>

<https://criterion.ets.org>

### Available Bandwidth:

The *Criterion* service is a web-based application and its performance could be affected by improperly configured network settings or using hubs instead of network switches. Additionally, the number of simultaneous users as well as overhead produced by other applications could affect the *Criterion* service performance. In short, it is recommended that the network bandwidth utilization levels should be maintained below 70 percent.

Contact **Criterion Technical Support** for questions and assistance:

877-909-6442

[CriteriaSupport@ets.org](mailto:CriteriaSupport@ets.org)

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### Network Specifications

Below is the recommended minimum network guideline for your local network infrastructure. The *Criterion* service is an online interactive application; overall performance could be affected during periods of high network traffic.

Network Attribute	Minimum	Recommended
Lan Connectivity	10MBps	100MBps
Building/Facility Bandwidth	10Mbps	20Mbps
Desktop Bandwidth	Wireless connection 802.11b	LAN Connection: Cable, DSL
Routers and Switches	Network Hubs	Cisco 2600 and 2900 Series Routers/Hubs (or equivalent)
Wiring and Cables	CAT-5	Fiber Backbone to Switches

Note: One Mbps or megabit per second equals 1000 Kbps or one million bps, one MBps equals one megabyte per second or 1000KBps, and eight Mbps equals one MBps.

### Windows® Client PC Specifications

The *Criterion* v21.0.0 website will operate on the following personal computers, provided that they meet the standards below.

Hardware/OS/Browser	Minimum	Recommended
Desktop PC or Laptop	Pentium® III	Pentium® III or greater
Input Device	Keyboard Mouse	Keyboard Mouse
Operating System	Windows 10.0	Windows 10.0
Browser: Enable Java Scripting and Cookies	Internet Explorer® 11..0; IE Edge Firefox 18.0; Chrome 60.0	IE 11; IE Edge; Firefox 55.0; Chrome 60.0
Graphics Adapter	SVGA 1024x768 Resolution	SVGA 1280x1024 Resolution

Note: Support for Internet Explorer will go away, June 15, 2022, and be replaced with Edge.

### Macintosh Specifications

The *Criterion* v21.0.0 website will operate on Power Macintosh and G3/G4 systems, provided that they meet the recommended minimum standards below.

Hardware/OS/Browser	Minimum	Recommended
Operating System	Mac OS X 10.6	Mac OS® X 10.6 or higher
Browser: Enable Cookies	Firefox 18.0.x & Safari 5.0.x (compatible only with Mac OS X, not OS 9)	Firefox 54.0.x and higher & Safari 6.0.x and higher
Graphics Adapter	Graphics 1024x768	Graphics 1024x768

**Tablet Specifications:** Apple iPad, iOS 5.1 or higher. External keyboard recommended for ease of use.

**Devices Supported:** Chromebook 60.0.