

## About

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This document summarizes the required and supported network configurations to access Apex Learning® digital curriculum. This information is intended for network administrators.

For additional help with network configuration, please contact Apex Learning Support at 1-800-453-1454 or [support@apexlearning.com](mailto:support@apexlearning.com).

## Bandwidth

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A suitable Internet connection is required. This connection must have appropriate bandwidth taking into account:

- The number of concurrent users.
- Other network applications (e.g. VOIP).
- Current bandwidth utilization.
- Varying usage habits.

## Access

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Firewalls, content filters, and other network infrastructure must allow connections to the following ports and domains:

- apexlearning.com
- apexvs.com
- correlation.edgate.com
- Port TCP/80
- Port TCP/ 443 (HTTPS User Login)
- A defined set of 3<sup>rd</sup> party URLs (provided upon request)

## Content Caching

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Content from the following domains may be cached, but should be refreshed weekly:

- media.apexlearning.com
- assets.apexlearning.com
- acecontent.apexlearning.com

Content from the following domains must not be cached:

- apexvs.com
- courses.apexlearning.com

## HTTP 1.1 Support

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Apex Learning supports HTTP 1.1 (RFC 2616). This protocol is optional, but recommended.

Proxies sending HTTP 1.1 requests must be either compliant or conditionally compliant with RFC 2616. If a non-compliant proxy cannot be made compliant, then connections to Apex Learning courses must either:

- Bypass the proxy
- Use only the HTTP 1.0 protocol

## HTTPS Support

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Apex Learning supports HTTPS (Hypertext Transfer Protocol Secure) to provide encrypted communication and secure identification.

## About

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This document summarizes the required and supported workstation configurations to access Apex Learning<sup>®</sup> digital curriculum.

Many of these configurations can be checked automatically using the Apex Learning System Check-Up ([apexlearning.com/SystemCheckUp/](http://apexlearning.com/SystemCheckUp/)). For additional help with workstation configuration, please contact Apex Learning Support at 1-800-453-1454 or [support@apexlearning.com](mailto:support@apexlearning.com).

Each Apex Learning user must have access to an appropriately configured workstation with a suitable Internet connection. Apex Learning requires and supports the following workstation configurations:

## Operating Systems

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- Microsoft Windows 7
- Microsoft Windows XP SP 2 or higher
- Microsoft Windows Vista
- Apple Mac OS X 10.4.11 (Tiger)
- Apple Mac OS X 10.5 (Leopard)

## Web Browsers

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- Microsoft Internet Explorer 7.0 or higher
- Mozilla Firefox 3.0 or higher
- Apple Safari 3.0 or higher

## Firewall / Filtering

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Firewall and content filtering software must allow access to the following sites:

- [apexlearning.com](http://apexlearning.com)
- [apexvs.com](http://apexvs.com)

## Word Processing

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- Software capable of opening, modifying, and saving documents in Rich Text Format (RTF) is required.

## Display

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### Resolution

- 800 x 600 pixels supported
- 1024 x 768 pixels recommended

### Color Depth

- 8 bits (256 colors) supported
- 16 bits (Highcolor) recommended

## Browser Plug-Ins

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- Adobe Reader 6.0 or higher
- Adobe Flash Player 7.0 or higher
- Java Virtual Machine (Sun Java 1.5 or higher, recommended)

## Audio

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### All Users

- Speakers or headphones

### World Language Courses

- Microphone
- Audio recording support

## Print (as appropriate)

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- Printer
- Scanner
- Fax
- Multipage TIF Viewer