

Edgenuity Minimum System Requirements



Edgenuity Minimum System Requirements	
Operating Systems ¹	Browsers
<ul style="list-style-type: none"> • Android™ 5.0+ • Apple iOS 10.3+ • Mac® OS X® 10.9+ • Chrome™ OS™ 57+ • Windows® 7, 8, 10 	<ul style="list-style-type: none"> • Chrome • Firefox® • Safari® • Microsoft® Edge
Processor	<p>* Edgenuity products are tested on the latest supported browser versions.</p> <p>* Internet Explorer is not supported for Middlebury PowerSpeak World Languages.</p>
<ul style="list-style-type: none"> • Processor: 2.33 GHz AMD® -or- Intel® 1.33 GHz • Memory: 1+ GB RAM 	
Sound ³	Network / Speed Connection ²
<ul style="list-style-type: none"> • OS supported sound card • Microphone, Speakers or Headsets 	<ul style="list-style-type: none"> • LAN 100/1000 switched to desktop • Internet access of 384 kbps per concurrent user • Wi-Fi with 54 mbps access points or better

iPad Data Usage When Using Mobile/Cellular Data Plans	
<p>Access to an Edgenuity Media Appliance is unavailable over a mobile data connection. Mobile data usage will average 110 MB per lesson. Semester courses consist of approximately 40-50 lessons.</p>	
<u>Activity Type</u>	<u>Average Download per Activity</u>
Vocabulary	2.1 MB
Warm-up	11 MB
Instruction	73 MB
Online Content	10 MB
Assignment	8 MB

PLEASE NOTE:

- 1 The Android operating system is supported by Edgenuity, but the Android browser is not. Android users should download and only use the Chrome browser to access Edgenuity.
- 2 Slow Internet connections will affect the performance of multimedia elements found in the Edgenuity courses. Recommended workstation Internet access speeds are based on use of an Edgenuity Media Appliance.
- 3 Students will need access to audio capabilities including microphones, speakers and/or headsets.
- 4 Example mobile devices listed above have been tested to be functional when using Edgenuity. Devices not listed may be used provided they meet the minimum requirements. Smart phone and smart watch devices are not supported by Edgenuity.

Edgenuity Network Requirements & Allowed URL List

Edgenuity has deployed an Internal Proxy System, ensuring students are on-task and remain safe when using outside content contained within course activities. This also allows Edgenuity to have a smaller, more static Allowed URL List.

To support the close and active reading of text for students at all reading levels, Edgenuity provides a CloseReader™ toolset for students. The toolset includes word look-up, text highlighters, annotation tools, read-aloud, and translation. Students can use these features on any HTML text within the system, including text within a third-party website accessed from within the Student Portal.

The CloseReader and Internal Proxy System both rely upon the required ports and Allowed URL List provided below. Some content filters, web proxies, and/or classroom management software may also require modification to allow traffic to the local media appliance (if purchased). Allowing Google sites listed within the Allowed URL List through a content filter will not open all Google content, as it is referencing specific directories needed for the CloseReader.

The Allowed URL List for eDynamic Learning courses can be found at <https://www.edgenuity.com/support/technical-requirements/>.

EDGENUITY NETWORK REQUIREMENTS AND ALLOWED URL LIST																																																							
Network Requirements ¹		Allowed URL List ²																																																					
<p>Required Ports</p> <p>The following outgoing communication ports for required IP ranges must be applied within the network when using Edgenuity.</p> <p>Port 80 Port 443</p> <p>Additional PowerSpeak Protocols</p> <p>The following protocols are required when using courses containing PowerSpeak content.</p> <p>*.powerspeak.edgenuity.com RTMP/E Port 1935/TCP</p> <p>*.powerspeak.edgenuity.com RTMFP Port 1935/UDP</p> <p>*.powerspeak.edgenuity.com RTMP, RTMPT.HTTP Port 80/TCP</p>		<p>Required Allowed URL List</p> <table border="0"> <tr> <td>*.edgenuity.com¹</td> <td>*.imaginelearning.com</td> <td>*.middil.com</td> </tr> <tr> <td>*.edgenuity.us</td> <td>*.bam.nr-data.net</td> <td>*.pglms.com</td> </tr> <tr> <td>*.speechstream.net</td> <td>*.ucopenaccess.org</td> <td>*.k12hsn.org</td> </tr> <tr> <td>*.education2020.com¹</td> <td>desmos.com/calculator</td> <td>*.learnosity.com</td> </tr> <tr> <td>*.education2020.us</td> <td>google.com/ jsapi</td> <td>*.brightcove.com</td> </tr> <tr> <td>*.explorellearning.com</td> <td>google.com/uds</td> <td>*.pendo.io</td> </tr> <tr> <td>emissary.edgenuity.com</td> <td>*.onetonline.org</td> <td>*.zendesk.com</td> </tr> <tr> <td>office.microsoft.com</td> <td>*.fueleducation.com</td> <td>*.sophia.org</td> </tr> <tr> <td>labs.eddynamiclearning.com</td> <td>el-gizmos.s3.amazonaws.com</td> <td></td> </tr> </table> <p>Teacher Specific Required Allowed URL List</p> <table border="0"> <tr> <td>*.box.com</td> <td>*.box.net</td> <td>*.boxcdn.net</td> <td>*.boxcloud.com</td> </tr> <tr> <td>*.boxrelay.com</td> <td>*.zdassets.com</td> <td>*.zoom.us</td> <td>*.smartsheets.com</td> </tr> <tr> <td>*.walkme.com</td> <td>d2qhvajt3imc89.cloudfront.net</td> <td>d3sbxpiag177w8.cloudfront.net</td> <td></td> </tr> <tr> <td>*.zopim.com</td> <td>*.zopim.io</td> <td></td> <td></td> </tr> </table> <p>Instructional Services</p> <p>The additional sites below are required when using <i>Instructional Services</i> for tutoring chat purposes.</p> <table border="0"> <tr> <td>sas.illuminate.com</td> <td>e2020.geniussis.com</td> <td>*.agilixbuzz.com</td> </tr> <tr> <td>*.glynlyon.com</td> <td>*.owschools.com</td> <td>*.owschools.net</td> </tr> <tr> <td>*.odysseyware.com</td> <td>*speechstream.net</td> <td>pbskids.org</td> </tr> </table> <p>User Agent: smtp.sendgrid.net User Agent: smtp.sendgrid.com Genius dedicated sending IP (static): 149.72.150.166</p> <p>Allowed Email Server</p> <p>Domain: edgenuity.com Dedicated sending IP (static): 149.72.150.166</p>		*.edgenuity.com ¹	*.imaginelearning.com	*.middil.com	*.edgenuity.us	*.bam.nr-data.net	*.pglms.com	*.speechstream.net	*.ucopenaccess.org	*.k12hsn.org	*.education2020.com ¹	desmos.com/calculator	*.learnosity.com	*.education2020.us	google.com/ jsapi	*.brightcove.com	*.explorellearning.com	google.com/uds	*.pendo.io	emissary.edgenuity.com	*.onetonline.org	*.zendesk.com	office.microsoft.com	*.fueleducation.com	*.sophia.org	labs.eddynamiclearning.com	el-gizmos.s3.amazonaws.com		*.box.com	*.box.net	*.boxcdn.net	*.boxcloud.com	*.boxrelay.com	*.zdassets.com	*.zoom.us	*.smartsheets.com	*.walkme.com	d2qhvajt3imc89.cloudfront.net	d3sbxpiag177w8.cloudfront.net		*.zopim.com	*.zopim.io			sas.illuminate.com	e2020.geniussis.com	*.agilixbuzz.com	*.glynlyon.com	*.owschools.com	*.owschools.net	*.odysseyware.com	*speechstream.net	pbskids.org
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*.odysseyware.com	*speechstream.net	pbskids.org																																																					

COURSE-SPECIFIC ALLOWED URL LIST

For course-specific allowed URLs, please visit https://www.edgenuity.com/techsupportdocs/Courseware_Course_Specific_Allowed_URL_List.xlsx

1 Ports 80 and 443 must be opened for sites and *Present Outbound Internet Addresses* noted above.
Port 1935 must be opened for sites utilizing *Instructional Services*.
Proxy and content filters may disrupt communication on all ports.
Ports 80 and 443 must be open for sites noted.

2 Allowed URL items must be applied within your network for optimal use. Some items will pertain to general use and/or media appliances, such as Edgenuity website wildcards. Other allowed URL items such as LivePerson and Zendesk® may be used in conjunction with tools utilized for support needs of students and educators.
Edgenuity utilizes mp4 video formatting for course content videos. You will need to ensure mp4s are included for Allowed URL sites within the network and the local Edgenuity media appliance.