



SafeGuard Media for Moodle

safeguard.media

The SafeGuard Media plugin enables sites to display copy protected media on web pages.

Safeguard Media caters for a variety of media including images, MP4 video, PDF and Word documents that are converted to PDF, most securely copy protecting them from all methods of copy, save and exploit.

How It Works

SafeGuard Media uses the ArtistScope Site Protection System (ASPS) which is the most advanced and most secure copy protection solution available today. ASPS is safe from all copy methods and supported by all OS and devices including Windows, Mac, iOS and Android phones. Normally ASPS requires a dedicated server or VPS which puts it out of the reach of anyone using shared web hosting. But SafeGuard Media changes that.

SafeGuard Media hosts ASPS on their server and to provide copy protection within an iFrame on your web page. Images and MP4 video are stored on your web site or any suitable file sharing service. However PDF, being affected by same-site security limitations, are stored on the SafeGuard Media server.

Getting Started

To use the SafeGuard Media service from Moodle, simply download **moodle_safeguard_media.zip**, unzip and install both the **mod_safeguardmedia** plugin and the **tiny_safeguardmedia** plugin.

Activity modules

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Once installed, you can then register for a free 14-day free trial account from the plugin's settings page. The plugin will retrieve and record your ApiKey that so that you can start straight way.

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Register Demo Account

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Register Demo Account

API KEY	
First Name	<input type="text" value="Admin"/>
Last Name	<input type="text" value="User"/>
Email	<input type="text" value="admin@example.com"/>
Company	<input type="text" value="Moodle 451"/>
Domain	<input type="text" value="https://local.example.com"/>
<input type="button" value="Register"/>	

 Required

You can also register a demo account via <https://safeguard.media/asps/register.asp>

You can also edit account details from the Control Panel at <https://safeguard.media/asps/login.asp>

SafeGuard Media Settings

SafeGuard Media Configuration Settings

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API KEY 

General Settings

Mode	<input type="text" value="Debugging Mode"/>
Width (in pixels)	<input type="text" value="700"/>
Height (in pixels)	<input type="text" value="500"/>
<input type="checkbox"/> Allow Remote	

Browser and Device Settings

- ☐ Allow Windows
- ☐ Allow MAC OSX
- ☐ Allow iOS
- ☐ Allow Android

Watermark Settings

Watermark Enabled	<input type="text" value="Off"/>
Watermark Text	<input type="text" value="2"/> <input type="text" value="Admin User"/>
	<input type="text" value="admin@example.com"/> <input type="text" value="valid"/> <input type="text" value="2025-08-17"/>

You can edit domain and email from the Control Panel at <https://safeguard.media/asps/login.asp>

Default Settings

Clicking on a [?] balloon will explain what the settings is used for.

Allow Windows, Mac, etc enables you to control who has access to your protected media. For example to prevent access to mobile phones simply set the IOS and Android options to No.

Allow Remote is set to No by default because it enables access from remote connection software and virtual partitions where a user will not be visiting the actual page, but rather viewing another desktop that displays the protected page. Consequently Allow Remote should be avoided at all times unless you want to enable copy and recording of your protected media. Note that all normal web browsers are capable of sharing remote desktops and that they should be disabled while ArtisBrowser views a protected content. To enable normal web browsers to be used alongside ArtisBrowser, simply set All Remote = Yes.

Minimum Version setting can be used to allow access to ArtisBrowsers of the nominated version and later. Earlier versions will not be allowed and redirected to upload the latest version. To allow all versions simply leave that setting blank.

Watermark Settings

Watermarks can be enabled or disabled at any time. If a user is logged into WordPress then their account details will be shown in the watermark. Otherwise non-logged in users will have their IP address shown.

Watermark Text shows an example of the information that will be used in your case.

Note that these settings are applied to all instances of SafeGuard Media used on your website.

Account Types and Low Credit Warnings

When a trial account expires you can purchase from a variety of plans.

Prepaid Hits

Each time your visitor loads a protected media, one hit is deducted from your tally (100, 200 or 500 hits).

Economy Plan

The Economy Plan is auto billed monthly and allows for up to 1,000 hits during the month.

Premium Plan

The Premium Plan is auto billed monthly and allows for unlimited usage for the month.

Low Credit Warnings

Email reminders are sent advising of renewal when close to monthly billing dates and low credit thresholds.

Adding Media to Pages to Copy Protect

You can add protected media to your pages by adding the appropriate shortcode. For each image/pdf/mp4 that you upload as SafeGuard Media, its shortcode can be selected from your list of safeguard Media files. Simply copy-n-paste that shortcode to where it should be placed on your page.

Using the Classic Editor

When using the **Tiny Editor** you can select/upload media to be protected by clicking on the [S-Media] button.













[Expand all](#)

General




Safeguard Media Name

Safeguard Media Intro


Edit View Insert Format Tools Table Help

Image

p

0 words Build with  tinyMCE

☐ Display description on course page

It will open a popup to add a media file.

Add New Existing Files

Add New File

+ Select files...

Only jpeg, jpg, png, gif, pdf, doc, docx, mp4 files can be uploaded.

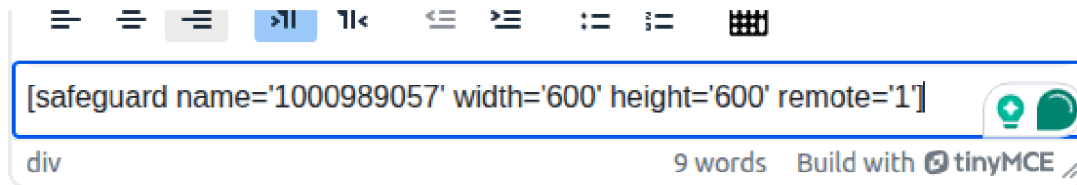
Maximum upload size: 200.0 MB

You can choose file options after the file is uploaded.

If you use same name with uploaded class file, it will be overwritten.

Image

One added, it will show like this in the editor:

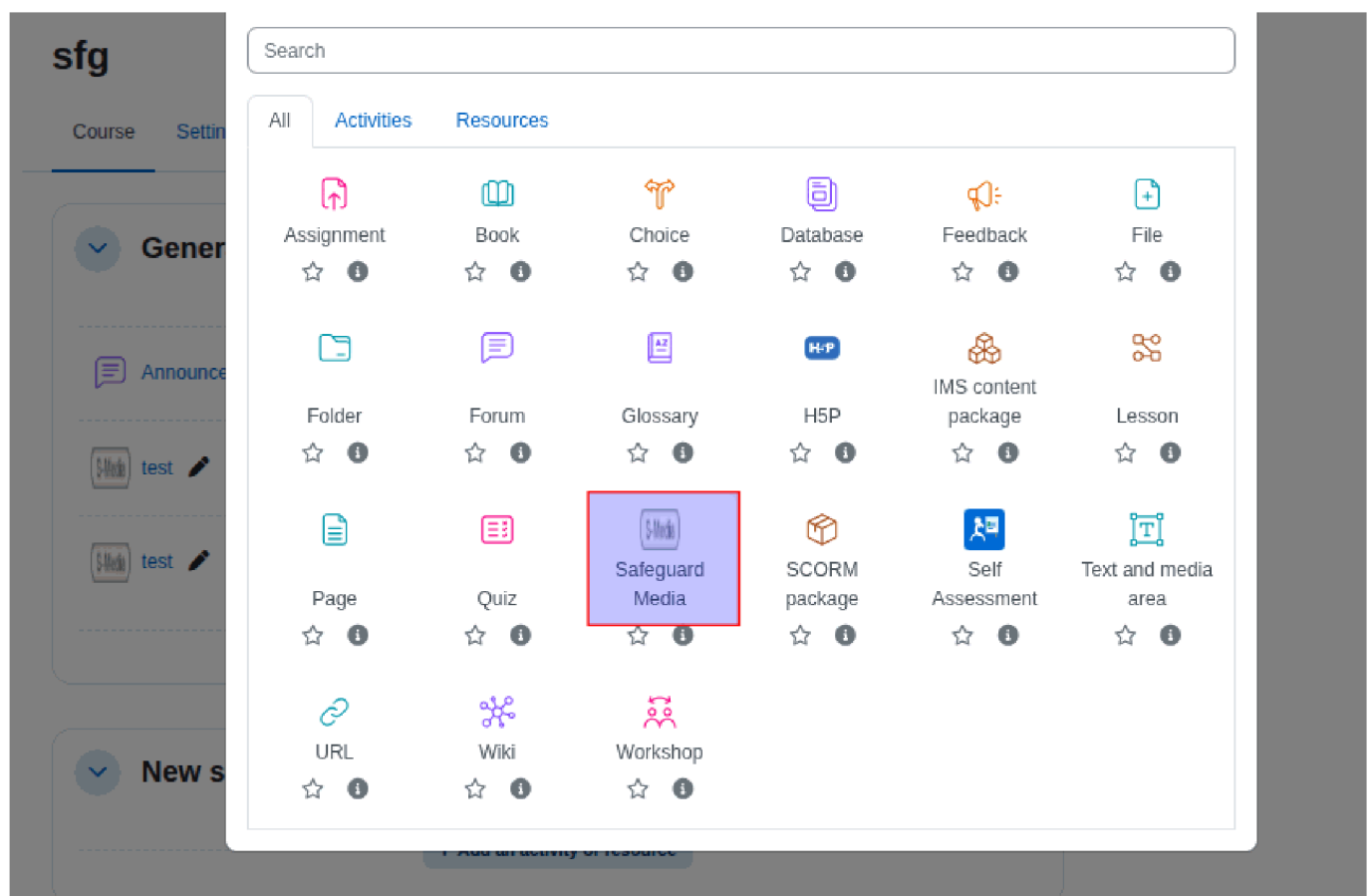


Note: media size will govern both the size of the iFrame and the proportions used for resizing to fit.

Remote = 0 means that access from devices running on virtual disks (VMs) or shared desktops will not be allowed because copy protection will not apply to the remote viewer. Note that any apps that have desktop sharing capability, including other web browsers will also be closed. Remote = 1 can be more friendly to your users.

Using the Activity

There is a Moodle **activity**, you can add that also and under introduction - you can add media in that as well



The SafeGuard Media iFrame

The SafeGuard Media plugin is used to add shortcode as a placeholder on your webpage or post, which is then converted to HTML dynamically as the page loads in the visitor's ArtisBrowser. By using an iFrame SafeGuard Media content can be displayed on any website. Any web page displaying SafeGuard Media will only be accessible to ArtisBrowser, and any visitor not using ArtisBrowser will be redirected to a download page for their OS.

SafeGuard Media Files

The SafeGuard Media service caters for all images, PDF and MP4 video, and those files can be stored anywhere. The media files can be stored on your website or a file sharing service like Amazon S3 or Dropbox. Note that most other file sharing services will be useless if you cannot link directly to the file via its filename. Services enforcing the use of their iFrame and embedded reader/player will be useless. Media streaming services cannot be used with SafeGuard Media. To copy protect video delivered via services like Vimeo, you need to use the ArtistScope Site Protection System (ASPS) on your own dedicated server or VPS.

In the case of images and MP4 video, the video is served from the location that you nominate. So to update those files at any time, you only need to overwrite those existing files wherever they are stored. But with PDF the file is stored on the SafeGuard Media server and that will need to be updated by uploading a file of exactly the same name and file format via the SafeGuard Media plugin.

SafeGuard Media File Types

<i>Extension</i>	<i>Application</i>
DOC, DOCX	Microsoft Word
GIF	Compuserve GIF
JPEG, JPG	Jpeg Image
MP4	Moving Picture
PDF	Adobe Acrobat Document
PNG	Portable Network Graphic

Word documents (.doc, .docx) will be converted to PDF during the upload process.

Platform Support

The only web browser suitable for copy protection is the ArtisBrowser, and it is available for Windows, Mac, Android and iOS (iPhone and iPad). While ASPS content is displayed in the ArtisBrowser, it is most securely protected from all exploits and methods for copy and save. There is no better alternative - normal web browsers are useless.

SafeGuard Media Statistics

From your Control Panel at <https://safeguard.media> you view usage and statistics for all requests.