

Chamilo LMS - Feature #7512

ClamAV antivirus plugin

05/02/2015 01:25 - Yannick Warnier

Status:	New	Start date:	05/02/2015
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:	Plugins	Estimated time:	60.00 hours
Target version:	3.0	Spent time:	0.00 hour
Complexity:	Difficult	SCRUM pts - complexity:	40

Description

Although we always recommend using Linux as a server for Chamilo, and as such are **relatively** immune to viruses affecting the server, it is a possibility that some users may upload infected files to Chamilo, and other users may then fall victim to these viruses.

To avoid that, we could implement a ClamAV plugin that automatically scans all files on upload, and informs the user (and rejects the file) if a virus was detected.

The ClamAV plugin should also be able to detect when a new version/database of ClamAV is available and to download it directly.

We would need this plugin to intercept **all** file uploads and intervene in all of them.

If a virus is detected, the user should not be able to upload it, and the system should tell the user there is a virus.

Additionally, a report should be sent to the admins by internal message and mail:

```
Subject: ClamAV detected a virus in a file to be uploaded to Chamilo
```

```
Dear %,
```

```
It has come to our attention that user % (ID %) has made a failed attempt at uploading a file infected by a virus to course %s (session %). The ClamAV plugin intercepted the file and refused to accept it. However, we recommend you take action by contacting the user and checking if everything is alright.
```

```
You can contact him directly through the following e-mail address: %s.
```

```
Yours, faithfully,
```

```
Chamilo  
%s (URL)
```

History

#1 - 01/02/2016 00:58 - Yannick Warnier

- Target version changed from 2.0 to 3.0