Database delivery log

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martin
Developer

Developer ⭐

Database delivery log

📄 2009-01-20 13:05

The delivery log script is used to log every delivered email message to the database. External software can then connect to the hMailServer database and access the message information. This external software also must empty the delivery log database table from time to time, since you may run out of disk space otherwise. Also, if the table is never emptied, the database will become big and backups and other operations on the database will become increasingly slower.

The feature existed in hMailServer 4.x and previous versions but was removed in v5.0 since a lot of users enabled the functionality without knowing what it actually did, which caused problems to these users. The script in this thread re-implements the database delivery log feature.

The zip file contains a script which will extract information from messages as they are received and store this information in the database. The zip also contains SQL scripts to create the tables for the supported databases. If you've upgraded from v4, you will already have the tables in your database.

> ATTACHMENTS
>
> **DeliveryLog.0.1.zip**
> (1.96 KiB) Downloaded 2792 times

⌃

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westdam
Senior user

⭐⭐⭐⭐☆

Re: Database delivery log

📄 2009-01-21 13:41

is it possible to choose another database to store all this info?
like a .ini file to configure the db and or the username/password?

so this wont hung or mess the hmailserver database.

i'm only asking if it's possible..

⌃

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martin

Developer

Re: Database delivery log

📄 2009-01-21 13:44

Not using this script in its current form. The script could be modified so that it opens a connection to another database and inserts the data into that one. The current version of the script assumes that you want to insert into the hMailServer database.

westdam
Senior user
⭐⭐⭐⭐☆

Re: Database delivery log

📄 2009-01-21 18:27

mmm, ok i've understand. so next question it's quite related.
will this change to your script slow-down the server?
i mean, hmailserver had to write into 2 database and in the delivery log there's a lot of stuff to handle.

i think will affect the performance a bit..

anyway i like your idea martin. 😃

martin
Developer

Re: Database delivery log

📄 2009-01-21 18:54

So what you're asking is "will doing more take longer time than doing less?", and the answer to that question is yes.

cristian_pop
New user
⭐☆☆☆☆

Re: Database delivery log

📄 2009-05-11 01:11

Have tried the script and it does not work. (on version 5.1)

I've updated CreateTablesMYSQL file to create the 2 new tables (and it does).
I've updated EventHandlers file with the script you posted.
I've enabled scripts, saved and reload the scripts, in hMS.

Whenever a user gets a new msg, info about it can be seen in hm_messages but there is no info in hm_deliverylog table.
And the reason I`m posting is because I need the content of 'subject' and 'body' fields to be

dynamically updated in the database.

I have also tried with an older version of hMS (4.4.2) and no extra scripting, and still no success. Please give me a hint.

mattg
Moderator
⭐⭐⭐⭐⭐

Re: Database delivery log

📑 2009-05-11 07:22

> 66 **cristian_pop wrote:**
> Have tried the script and it does not work. (on version 5.1)

The script works for me

Ver 5.1.1 341

Is there any error log?

Just 'cause I link to a page and say little else doesn't mean I am not being nice.
https://www.hmailserver.com/documentation

Khurram
Normal user
⭐⭐⭐

Re: Database delivery log

📑 2009-06-02 08:51

I believe this script is for incoming messages only. Am I right? If so, is there a script for outgoing messages?

mattg
Moderator
⭐⭐⭐⭐⭐

Re: Database delivery log

📑 2009-06-02 09:35

Mine logs all message, both incoming, and outgoing

Just 'cause I link to a page and say little else doesn't mean I am not being nice.
https://www.hmailserver.com/documentation

Onni
New user
⭐

Re: Database delivery log

📄 2009-08-08 15:02

I cant get it to work.

I upgraded from 4.x to 5.2 and put the *.txt file in the Events dir.
Changed the admin password in the file and hit reload scripts.
When that didnt work I changed it to *.vbs but that didnt work either.

Any suggestions?

🔼

^DooM^
Site Admin

Re: Database delivery log

📄 2009-08-08 15:36

Copy and paste all that code to your EventHandler.vbs file that already exists for hMail.

If at first you don't succeed, bomb disposal probably isn't for you! ツ

🔼

Onni
New user
⭐

Re: Database delivery log

📄 2009-08-08 22:18

Thank you kindly! That works 😊

🔼

luci
Normal user
⭐⭐⭐

Re: Database delivery log

📄 2009-09-15 17:23

There is a simple way to get a message SENT status ?

I am thinking to create such script in PHP and integrate it in hmailadmin. This would list all incoming/outgoing messages of the logged in user with a status indicator. If the message failed to be sent, a explanation message taken from the log would inform the user about the problem.

This will inform the user about the status of a certain message. (especially useful for sent messages).

The only way I can think of it is to parse the daily SMTP log.
Can you help me with a few infos about the tab delimited fields? Can I uniquely identify a message ?

anuragsharma9
New user

Re: Database delivery log

📄 2013-06-30 19:50

Dear Sir

I am facing a problem in delivery log. i got so many information in this script but i also want to add eml file location where it finally save . my purpose is i can catch if a problem find in mail system

Please help if you have any solution for it.

percepts
Senior user

Re: Database delivery log

📄 2013-06-30 22:56

you will need to modify the code yourself.

Nime
Normal user

Re: Database delivery log

📄 2013-07-11 07:46

I wrote a query which one reports the usage statistics. It counts the daily outgoing mails by accounts.

CODE: SELECT ALL

```
SELECT
        deliveryaccount,
        DATEDIFF(d,[deliverytime], getdate()) AS [ago],
        COUNT(DISTINCT [hm_deliverylog].[deliveryid]) AS [session]
        ,COUNT( [hm_deliverylog_recipients].[deliveryid]) AS [recipients]


FROM [hm_deliverylog]

LEFT JOIN [hm_deliverylog_recipients] ON [hm_deliverylog_recipients].[deliveryid] = [hm_delive

WHERE DATEDIFF(d,[deliverytime], getdate()) < 3
--and [deliveryaccount] = 'info@domain.com'
```

```
        [deliveryaccount],
         DATEDIFF(d,[deliverytime], getdate())

ORDER BY [ago], [recipients] DESC
```

I've renamed the table names & included the necessary indexes to make query execution way faster.

☒ Image

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jollero
New user
⭐☆☆☆☆☆

Re: Database delivery log

📄 2014-06-20 09:28

Hi,

This thread seems to be quite old. But has anyone been able to make this work on the latest version of hmailserver? I was not able to.

Thanks a lot!

Regards,
Joseph

---

mattg
Moderator
⭐⭐⭐⭐⭐

Re: Database delivery log

📄 2014-06-20 10:48

It should work on latest version

Are you getting any errors or is there an error log generated?

Just 'cause I link to a page and say little else doesn't mean I am not being nice.
https://www.hmailserver.com/documentation

Steviebones
New user
⭐☆☆☆☆☆

Re: Database delivery log

📄 2014-07-22 16:57

I am trying to fire your script so I can get a handle on editing it... Whenever the script fires its returns this error

"Script Error: Source: Microsoft VBScript compilation error - Error: 800A0400 - Description: Expected
```

statement - Line: 6 Column: 0 - Code: End Settings"

below is a copy of the script file as loaded...

My VBS is rusty to say the least but I copied the script as downloaded... what am I missing?

**CODE: SELECT ALL**

```
Option Explicit

Settings
Private Const setting_username = "Administrator"
Private Const setting_password = "********"
End Settings


'    Sub OnClientConnect(oClient)
'    End Sub

'    Sub OnSMTPData(oClient, oMessage)
'    End Sub

Sub OnAcceptMessage(oClient, oMessage)
    CreateDeliveryLogEntry(oMessage)

End Sub


'    Sub OnDeliveryStart(oMessage)
```

---

mattg
Moderator
★★★★★

Re: Database delivery log

📄 2014-07-22 23:13

In the original script the words 'settings' and 'End Settings' were commented out

They are NOT VB commands

They should be commented out.

Just 'cause I link to a page and say little else doesn't mean I am not being nice.
https://www.hmailserver.com/documentation

SorenR
Senior user
★★★★☆

Re: Database delivery log

📄 2014-08-18 20:29

Anyone else seeing this error?

```
"ERROR" 2232    "2014-08-17 19:58:42.149"        "Severity: 2 (High), Code: HM5032, Source: DALCor
```

It appears to be some sort of Emoticon used in emails from Twitter...
http://apps.timwhitlock.info/emoji/tables/unicode
https://www.drupal.org/node/1314214 Reported 3 years ago and aparently fixed 2 months ago -
MySQL 5.5 InnoDB but aparently not without issues.

I use Martins original script (first post in thread) and did the quick solution and Googled 😊

PHP have a very nice function that I found people to use

> 66
> mixed preg_replace (mixed $pattern , mixed $replacement , mixed $subject [, int $limit = -1 [, int
> &$count]])

and after some Googling I found a VBScript version. https://gist.github.com/wqweto/6569291
I only include two of the functions from the above into my EventHandler.vbs

```
    Private Function preg_init(find_re)
        Set preg_init = New RegExp
        With preg_init
            .Global = True
            If Left(find_re, 1) = "/" Then
                Dim pos: pos = InStrRev(find_re, "/")
                .Pattern = Mid(find_re, 2, pos - 2)
                .IgnoreCase = (InStr(pos, find_re, "i") > 0)
                .Multiline = (InStr(pos, find_re, "m") > 0)
            Else
                .Pattern = find_re
            End If
        End With
    End Function

    Function preg_replace(find_re, replace_arg, text)
        preg_replace = preg_init(find_re).Replace(text, replace_arg)
    End Function
```

and I modified the original script here... to replace the emoticons with "--".

```
    ...
    ...
    sBody = oMessage.Body
    If (Len(sBody) > 1000000) Then
        sBody = preg_replace("'/[\x00-\x08\x10\x0B\x0C\x0E-\x19\x7F]'" & "." &_
                        "'|[\x00-\x7F][\x80-\xBF]+'" & "." &_
                        "'|([\xC0\xC1]|[\xF0-\xFF])[\x80-\xBF]*'" & "." &_
                        "'|[\xC2-\xDF]((?![\x80-\xBF])|[\x80-\xBF]{2,})'" & "." &_
                        "'|[\xE0-\xEF](([\x80-\xBF](?![\x80-\xBF]))|(?![\x80-\xBF]{2})|[\x80-\
        sBody = Mid(sBody, 1, 1000000)
    End If
    sFrom = Escape(obDatabase, sFrom)
```

. . .
. . .

I now get Twitter updates in the log.

SørenR.

The quantum rule of insecurity which states that the act of observing how vulnerable a host or service is changes the insecurity level of the service.

---

aoverton07
New user
⭐

Re: Database delivery log

📄 2014-10-15 03:39

Thanks for the script! I have successfully implemented the delivery log for the latest build of hm (5.4).

****For any new visitors, the only thing that I had trouble with (mostly due to my own lack of knowledge lol) was making sure that you use "Administrator" for the setting_username constant, and NOT your account name that you would use to send an email.

One question:

I noticed it saves the filename for each message, yet the files are not present in the hmailServer/Data folder. They are deleted as soon as the message is delivered. Is there a way to keep these files around?

I realize I should use caution here because saving all those files can potentially take up a lot of disk space, but for my application it is necessary to save these files so that we can extract the attachments if need be.....

---

mattg
Moderator
⭐⭐⭐⭐⭐

Re: Database delivery log

📄 2014-10-15 05:03

> 66 **aoverton07 wrote:**
> They are deleted as soon as the message is delivered. Is there a way to keep these files around? .

Your mail clients connect via POP3. IMAP keeps messages on the server.

If you want to keep all messages, then active the mirror feature

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Just 'cause I link to a page and say little else doesn't mean I am not being nice.
https://www.hmailserver.com/documentation

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