

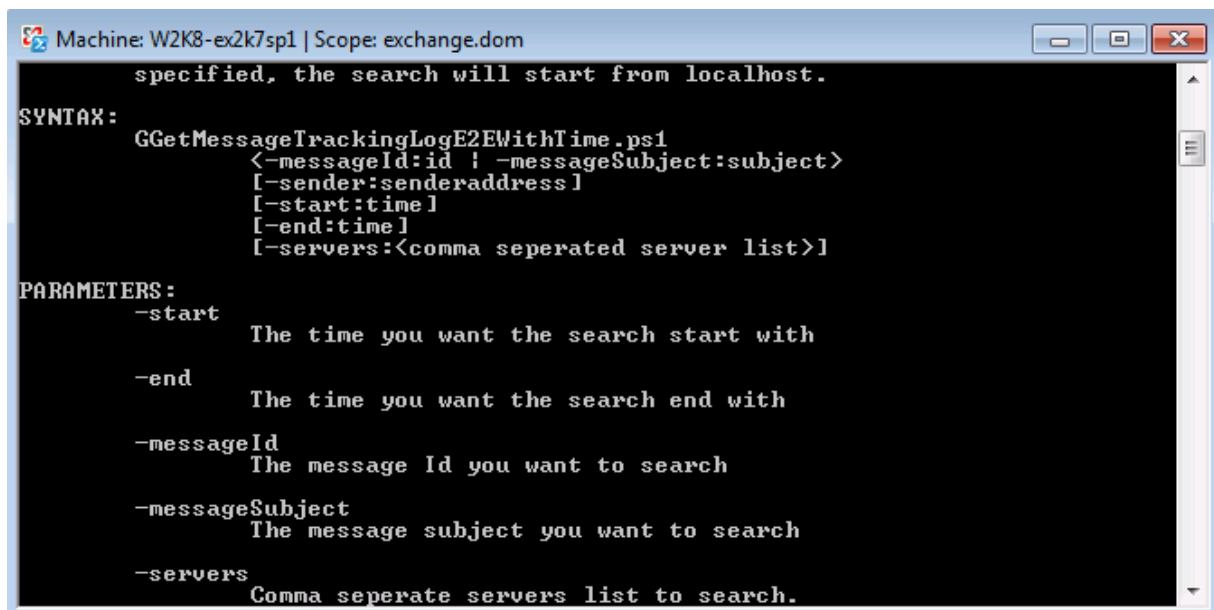
GetMessageTrackingLogE2EWithTime.PS1

Problem: Mit dem Exchange Message Tracking ueber Extra ist das Tracking von Informationen ueber viele Hub Transport Server nicht sehr zuverlaessig. Abhilfe schafft das Script (seit Exchange Server 2007 SP1)

GetMessageTrackingLogE2EWithTime.PS1, welches sich im Exchange Server 2007 Script Verzeichnis auf einem Exchange Server 2007 befindet. Das Script funktioniert jedoch leider nicht mit dem MessageSubject. Dazu muss das Script angepasst werden.

Source: <http://technet.microsoft.com/en-us/library/bb124926.aspx>

Syntax.:



```
Machine: W2K8-ex2k7sp1 | Scope: exchange.dom

specified, the search will start from localhost.

SYNTAX:
GGetMessageTrackingLogE2EWithTime.ps1
    <-messageId:id ! -messageSubject:subject>
    [-sender:senderaddress]
    [-start:time]
    [-end:time]
    [-servers:<comma seperated server list>]

PARAMETERS:
    -start
        The time you want the search start with
    -end
        The time you want the search end with
    -messageId
        The message Id you want to search
    -messageSubject
        The message subject you want to search
    -servers
        Comma seperate servers list to search.
```

Bsp.:

Suchen nach einer Mail von grotem@exchange.dom mit dem Betreff test. Leider findet das Script nichts.

```
Machine: W2K8-ex2k7sp1 | Scope: exchange.dom
[PS] C:\Program Files\Microsoft\Exchange Server\Scripts>.\GetMessageTrackingLogE
2EWithTime.ps1 -sender grotem@exchange.dom -messagesubject "test"
[PS] C:\Program Files\Microsoft\Exchange Server\Scripts>_
```

Ueber Extra kann man die Message sehen

Microsoft Exchange Troubleshooting Assistant

Microsoft Exchange Troubleshooting Assistant

☐ Welcome
☐ Select a task
☐ Restart current task
☐ Select a result file to view
☐ View a report
See also

Message Tracking Results

Selected row will populate parameters for next message tracking search.

	Timestamp	EventId	Source	SourceConte	MessageId	MessageSubj	Sender	Recipients	InternalMessa	Cl
▶	2009/06/13 1	RECEIVE	STOREDRIV		<73FDC5435	Test	grotem@exc	Administrator@ex	3	fel
	2009/06/13 1	DELIVER	STOREDRIV		<73FDC5435	Test	grotem@exc	grotem@exchang	3	
	2009/06/13 1	SUBMIT	STOREDRIV	MD8:b436d7	<73FDC5435	Test	grotem@exc			fel

Also das .PS1 Script anpassen

Das Rot eingekreiste entfernen

```
Continue

:results = Get-MessageTrackingLog -Server $server -Start $start -End $end -sender $sender -MessageId $messageId -MessageSubject $messageSubject
:results = Get-MessageTrackingLog -Server $server -Start $start -End $end -sender $sender -MessageSubject $messageSubject -result $results
:results.remove($first)
rst ++
```

Da isses

```
Machine: W2K8-ex2k7sp1 | Scope: exchange.dom

[PS] C:\Program Files\Microsoft\Exchange Server\Scripts>.\GetMessageTrackingLogE
2EWithTime.ps1 -sender grotem@exchange.dom -messagesubject "test"

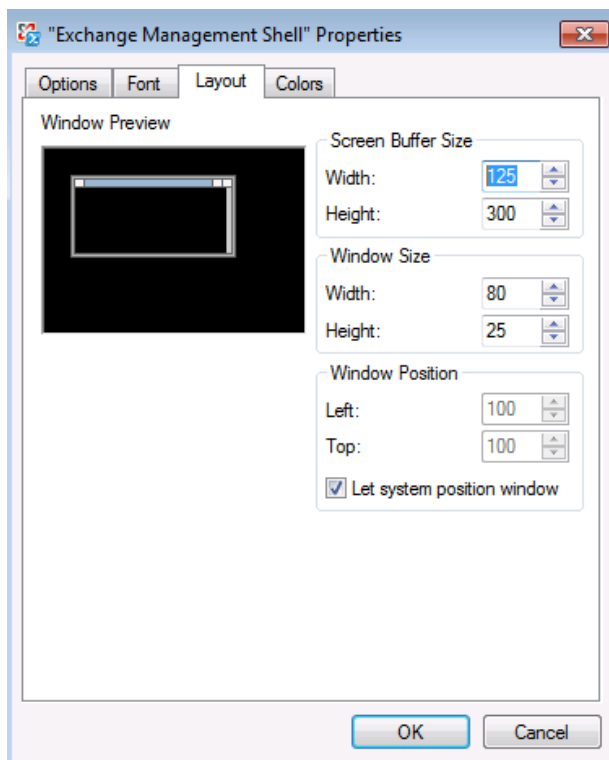
Search result from server w2k8-ex2k7sp1 :

WARNING: 2 columns do not fit into the display and were removed.

Timestamp          EventId Source      Sender              RecipientCount  Inte
rnal Mess
ageId
-----
13.06.2009 12:44:22 RECEIUE STOREDRIVER grotem@exchange.dom 2 3
13.06.2009 12:44:25 DELIVER STOREDRIVER grotem@exchange.dom 2 3
13.06.2009 12:44:23 SUBMIT STOREDRIVER grotem@exchange.dom

[PS] C:\Program Files\Microsoft\Exchange Server\Scripts>
```

Noch etwas unuebersichtlich, aber danach:



Schon besser

```
Machine: W2K8-ex2k7sp1 | Scope: exchange.dom
[PS] C:\Program Files\Microsoft\Exchange Server\Scripts>.GetMessageTrackingLogE2EWithTime.ps1 -sender groten@exchange.dom -messagesubject "test"
Search result from server w2k8-ex2k7sp1 :
Timestamp      EventId Source      Sender      RecipientCount InternalMessageId Reference SourceContext
-----
13.06.2009 12:44:22 RECEIVE STOREDRIVER groten@exchange.dom 2 3
13.06.2009 12:44:25 DELIVER STOREDRIVER groten@exchange.dom 2 3
13.06.2009 12:44:23 SUBMIT STOREDRIVER groten@exchange.dom MDB:b436d756-4ea7-4b13-bbcb-80660ecd10c8, M...
```

in diesem Beispiel ging es vom Postfach Server nur zu einem HTS, also stehen dort auch wenig Server drin. In groesseren Umgebungen, in unserem konkreten Fall mit 12 HTS Servern, ist das Tool einfach genial.