

Data Protection Manager 2010: spašavanje obrisanog mailboxa



Upravljanje zaštitom podataka dio je podrške IT službe poslovnim procesima organizacije. Jedno od softverskih rješenja za zaštitu podataka koje se nudi na tržištu, a koristi se u mojoj ustanovi, je i *Data Protection Manager 2010* (DPM). Radi se o Microsoftovom rješenju za kopiranje podataka i njihovom vraćanju u slučaju gubitka podataka. DPM pripada grupi aplikacija iz Microsoft System Centra. Radi se o skupini programa za centralno upravljanje mrežom, korisničkim računalima, serverima i sl.

DPM 2010 omogućuje *backup* i *restore* scenarije koristeći disk, traku ili *cloud*. Od novosti u verziji iz 2010. ističu se centralno upravljiv sustav, Bare Metal Recovery, ulančavanje DPM servera (dva DPM servera mogu kopirati jedan drugog). Što se skalabilnosti tiče, DPM podržava 100 servera, 1000 prijenosnih računala, do 2000 baza po serveru te do 80 TB podataka po DPM serveru.

Ako želite isprobati DPM 2010, a da pri tom ne morate podizati testno okruženje, možete iskoristitii Microsoftov virtualne labove za DPM 2010. Za pristup <u>virtualnim labovima</u> [1] registracija i logiranje nisu potrebni, nakon čega dobijate RDP sesiju sa Microsoftovim serverom, sa koga dalje idu RDP sesije ka ostalim serverima koji su prisutni u okruženju (DC, SQL, Exchange, DPM).

U nastavku donosim primjer kako se koristeći DPM može napraviti restore pojedinog mailboxa. To vam može dobro doći u raznim "zanimljivim" slučajevima, na primjer kad vam uprava da nalog da nekog zaposlenika brišete jer mu je raskinut radni odnos, a naknadno se pokaže da će on još dolaziti na posao jer mu projekti u kojima sudjeluje nisu završeni. Ili ste, posve prozaično, sami nehotice obrisali nečiji mailbox.

🔯 DPM 2010 Administrator Console			
File Action View Help			
Monitoring Restection	enorting 💦 Management	Actions	
			Microsoft System Center Data Protection Mana 🔺
📔 Browse 🔍 Search			View
Protected data:	Recovery points for: System Protection		I Help
			Selected Item
Server: Filter Clear		Available recovery points are indicated	Recover
E- 🍓 Recoverable data	veljača 💌 2012 💌	in bold on the calendar. Select the	Show all recovery points
igi.local		from the drop down list for the recovery	Verify data
All DPM Protected Data	🔹 veljača, 2012 🕨	the Actions pane to open the	Configure end-user recovery
System Protection	pon uto sri čet pet sub ned	Recovery Wizard.	🕜 Help
	6 7 8 9 10 11 12		
	13 14 15 16 17 18 19 20 21 22 23 24 25 26	Recovery date: veljača 09 2012	
HGIGIS	27 28 29	Recovery time: Latest	
		Recover from: Disk 🥪	
	Path: All DPM Protected Data	🇊 Up	
	Search list below		
	Recoverable Item A Last Modified	Size	
	System State (includ	-	

1. Ulogiramo se u DPM Administrator Console te se postavimo na *Recovery*.



2. Pozicioniramo se na mjesto gdje se nalaze kopirani podaci iz Exchangea, odabiremo mailbox koji želimo restorati, te datum kada je kreiran zadnji recovery point.

To DPM 2010 Administrator Console			
File Action View Help			
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Protected data:	Recovery points for: First Storage Group		R Help
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System Protection	pon uto su int pot sub ned 30 31 1 2 3 4	Hecovery Wizard.	📝 Help
First Storage Group	6 7 8 9 10 11 12	D 1. 1. 1. 1. 07 0010	
C:\	20 21 22 23 24 25 20	Necovery date: Veljaca 07 2012	
HGIDC2	27 28 29	Recovery time: 23:45	
		Recover from: Disk 🥪	
	Path: All Protected Exchange Data	C77 Up	
	Search list below		
	Recoverable Item A Last Modified	Size	
	A STA		
	islictory to	-	
	isokar Show all recovery proto		
	Recover	-	
	Mailbox information undated on: 7.2.2012.2	·	
	To optimize performance, the information of database is undated as per the overces full	the mailboxes that exist in a Exchange	
	Click here to learn more.	backup scriedule.	

3. U novom prozoru odabiremo opciju **Recover to network folder**. Radi se o lokaciji gdje će svi podaci iz mailboxa biti kopirani.

💿 Recovery Wizard	×
Select Recover	ry Type sovery you want to perform.
Steps:	
Review recovery selection	Recover mailbox to an Exchange server database
 Select recovery type 	The Exchange database for the selected mailbox is recovered to the Exchange server. After the recovery, the recovered mailbox needs to be connected to a user account using Exchange System
 Specify destination 	Manager.
 Specify recovery options 	Copy to a network folder Choose a network folder where all database files containing the mailbox will be copied.
 Summary 	Copy to tape
 Recovery status 	The option is disabled as either there are no tape libraries or there are not enough number of tape
	drives.
	< Back Next > Cancel Help

4. Podaci će se nalaziti u mapi na prethodno odabranoj lokaciji koja obično nosi ime "DPM_datum_vrijeme



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5. Po završetku ovog procesa dobivamo obavijest da su podaci mailboxa uspješno stavljeni na odabranu lokaciju.

💿 Recovery Wizard			×
Review your recover	y settings.		
Steps:	Recovery point:	1.2.2012. 23:45:26	
Review recovery selection	Recovery media:	Disk	
Select recovery type	Source:	First Storage Group\Mailbox Store (HGID)C1) on hgidc1.igi.local
Specify destination	Destination:	C:\restore on hgidpm.igi.local	
Specify recovery options	Notification:	No	
 Summary 	Recovery items -		
 Recovery status 	Recovery item:	isokac	
	Details:		
	Database Files	Destination	Size A
	priv1.edb	C:\restore	-
	priv1.stm	C:\restore	
		(Death 1	Personal Connect I Units 1
		Kack	hecover Lancel Help

6. Pri završenom recovery-u pokrenuti **Exchange System Managemet**. Pozicioniramo se na ime servera te odaberemo **NEW > Recovery Storage Group**



🚔 Exchange System Manager	
🔁 Eile Action View Window Help	_8×
First Organization (Exchange) First Organization (E	xchange)
Name	
Global Settings	
Eirch Administrative Gro	
Administrative Grou	ps
Start Mailbox Management Process	
T- New	Storage Group
± All Tasks	Recovery Storage Group
🕀 🔁 Folder New Window from Here	
E-Dols	
Copy	
Copy	
Delete	
Refresh	
Properties	
Help	
Create a new storage group to recover a gatapase	

Otvara se novi prozor gdje odabiremo postavke Recovery Storage Groupe 7.

Internet water the second	
on:	
hsrvr\Recovery Storage Group	Browse
hsrvr\Recovery Storage Group	Browse
latabase pages	
ging	
	on: hsrvr\Recovery Storage Group hsrvr\Recovery Storage Group

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8. Na Recovery Storage Group desni klik pa odabrati **Add Database to Recover** nakon čega nam se otvara novi prozor

	Mailbox Store (WINDOW52003) Properties	<u>? ×</u>	
File Action Vie	General Database Details		_ 년 시
	Exchange database:		
Exchange2003 (Exc	ery Storage Group\Mailbox Store (WINDOWS2003).edb	wse	
Global Settings	Exchange streaming database:		1
Administrative	C:\Program Files\Exchsrvr\Recovery Storage Group\Mai Brog	Mse	this view.
E Server	Maintenance interval		
E- WI	Run daily from 11:00 PM to 3:00 AM	omize	
	Time of last full backup:		
•	Time of last incremental backup:		
Routing Folders	nine orijasi incremental backup.	<u> </u>	
E D Tools	Do not mount this store at statiup		
	Inis database can be overwritten by a restore		
j	OK Cancel Arriv	Help	
		nap	

U ovom koraku moramo pripaziti da se baza koja će se kreirati zove isto kao i ona koju smo vratili iz recovery-a. Obavezno označiti na dnu ekrana **This database can be overwritten by a restore** 9. Pod Recovered Storage Group odaberemo Mailboxes, odaberemo mailbox koji želimo vratiti, na njega kliknemo desnu tipku miša te odaberemo **Exchange Tasks**.

Mailboxes					
Mailbox	Last Logged on By	Size (KB)	Total Items	Last Logon Time	Last Lo
🔚 SMTP (LAB3-{F	NT AUTHORITY\SYSTEM	0	0	6/22/2009 10:54	6/26/20
🔠 System Attend	NT AUTHORITY\SYSTEM	0	0	6/22/2009 10:59	6/26/20
🔠 SystemMailbox	NT AUTHORITY\SYSTEM	361	401	6/22/2009 10:54	6/26/20
🔠 UserA3	NT AUTHORITY\SYSTEM	4	3	6/16/2009 1:58 AM	6/16/20
📇 UserB3		2	1		
📇 UserC3		2	1		
User	Tasks	2	1		
User	HUSION HE	2	1		
🔚 User 🛛 <u>H</u> elp		2	1		

10. Odaberemo Recover Mailbox Data i pritisnemo Next



Exchange Task Wizard		
Available Tasks The following is a list of tasks that can b objects. Select the desired task and pres	e applied to one or more of the selected ss Next.	
Select a task to perform:		-
Recover Mailbox Data		
J		
Merge or copy mailbox items to selecte	ed user's current mailbox	
2		
		<u>.</u>

11. Izaberemo između opcije **Merge** ili **Copy**, ovisi što želimo sa podacima napraviti. Odabrao sam odabrao Merge kako ne bih izgubio mailove koje sam dobio u međuvremenu.



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(Choose how to recover the data from the restored database.
(• Merge Data
	Recovers data to the destination mailbox store by merging data into the user's curren mailbox.
ţ	C <u>C</u> opy Data
	Recovers data to the destination mailbox store by copying data into a recovered data folder created in the user's current mailbox.
Ē	Additional Information
	Use this option to add items from the recovery database to the current mailbox. Duplicate items will be detected and will not be merged. Folders not already present in the current mailbox will be created.

12. Odaberemo *Next* i pričekamo da se podaci prekopiraju. Ovaj proces traje ovisno o veličini mailboxa.



Object	State	%	Duration (sec)	Statu:
🕑 UserB3		100 %	0:04	The o
📕 UserC3	Connecting to source server.	0%	0:05	
🕑 UserD 3		100 %	0:03	The c
📕 UserE3	Connecting to destination server.	0%	0:05	
⊗ UserF3		100 %	0.171	The c
				1024
1				•

Da smo napravili dobar posao potvrđuje slijedeća slika. 13.





Ovime je završen postupak vraćanja obrisanog mailboxa.

ned, 2012-02-26 08:25 - Ivan Sokač**Vijesti:** <u>Windows</u> [2] **Kategorije:** <u>Servisi</u> [3] **Vote:** 0

No votes yet

Source URL: https://sysportal.carnet.hr/node/945

Links

- [1] http://www.microsoft.com/en-us/server-cloud/system-center/trial.aspx
- [2] https://sysportal.carnet.hr/taxonomy/term/12
- [3] https://sysportal.carnet.hr/taxonomy/term/28