

O₂ Managed Backup & Restore Virtualization

Příručka uživatele

Verze: 1.0



O₂

Obsah

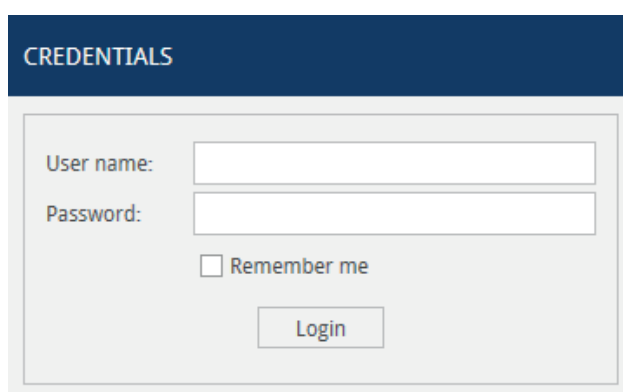
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1. O dokumentu

Tento dokument slouží jako základní seznámení se s portálem Backup Enterprise Manager. Portál je dostupný pro všechny zákazníky společnosti O2 Czech Republic a.s., kteří využívají službu MBR Virtualization.

2. Dostupnost portálu

Backup Enterprise Manager je dostupný na webové adrese:
<https://194.228.175.39:9443/login.aspx>.



CREDENTIALS

User name:

Password:

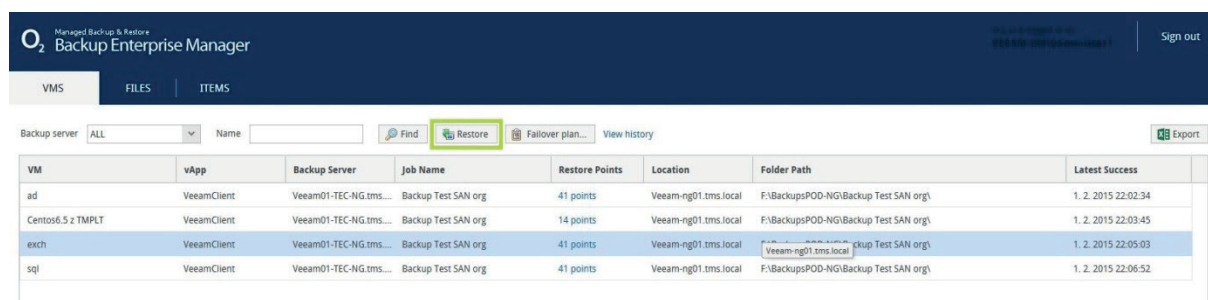
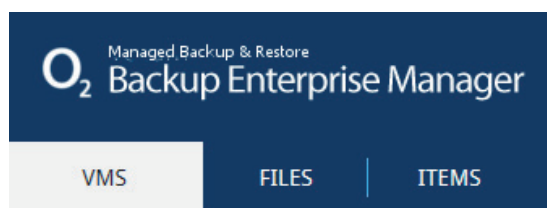
☐ Remember me

Login

Přihlašovací obrazovka.

2.1. Obnova virtuálního stroje

K obnově virtuálního stroje slouží první záložka „VMS“.



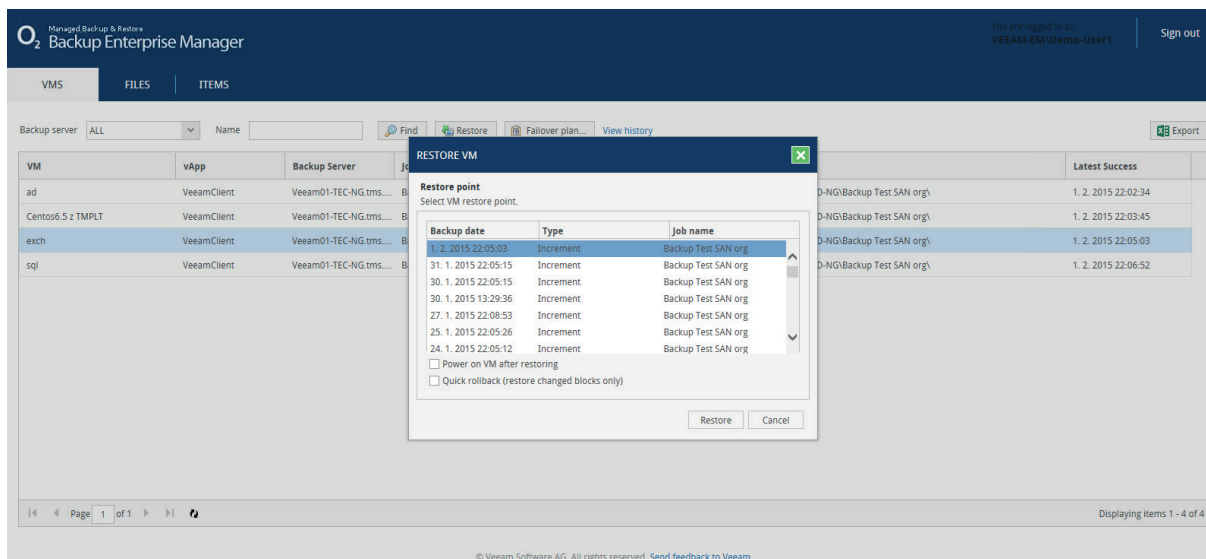
O2 Managed Backup & Restore
Backup Enterprise Manager

VMS | FILES | ITEMS

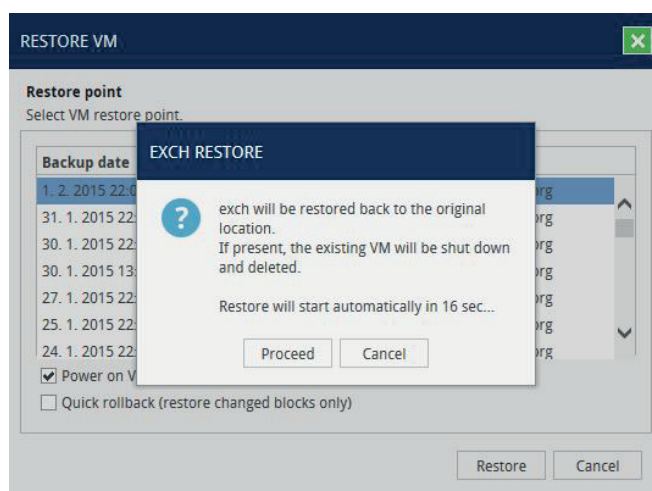
Backup server: ALL Name: Find **Restore** Failover plan... View history Export

VM	vApp	Backup Server	Job Name	Restore Points	Location	Folder Path	Latest Success
ad	VeeamClient	Veeam01-TEC-NG.tms...	Backup Test SAN org	41 points	Veeam-ng01.tms.local	F:\BackupsPOD-NG\Backup Test SAN org\	1. 2. 2015 22:02:34
Centos6.5 z TMPLT	VeeamClient	Veeam01-TEC-NG.tms...	Backup Test SAN org	14 points	Veeam-ng01.tms.local	F:\BackupsPOD-NG\Backup Test SAN org\	1. 2. 2015 22:03:45
exch	VeeamClient	Veeam01-TEC-NG.tms...	Backup Test SAN org	41 points	Veeam-ng01.tms.local	Veeam-ng01.tms.local\Backup Test SAN org\	1. 2. 2015 22:05:03
sql	VeeamClient	Veeam01-TEC-NG.tms...	Backup Test SAN org	41 points	Veeam-ng01.tms.local	F:\BackupsPOD-NG\Backup Test SAN org\	1. 2. 2015 22:06:52

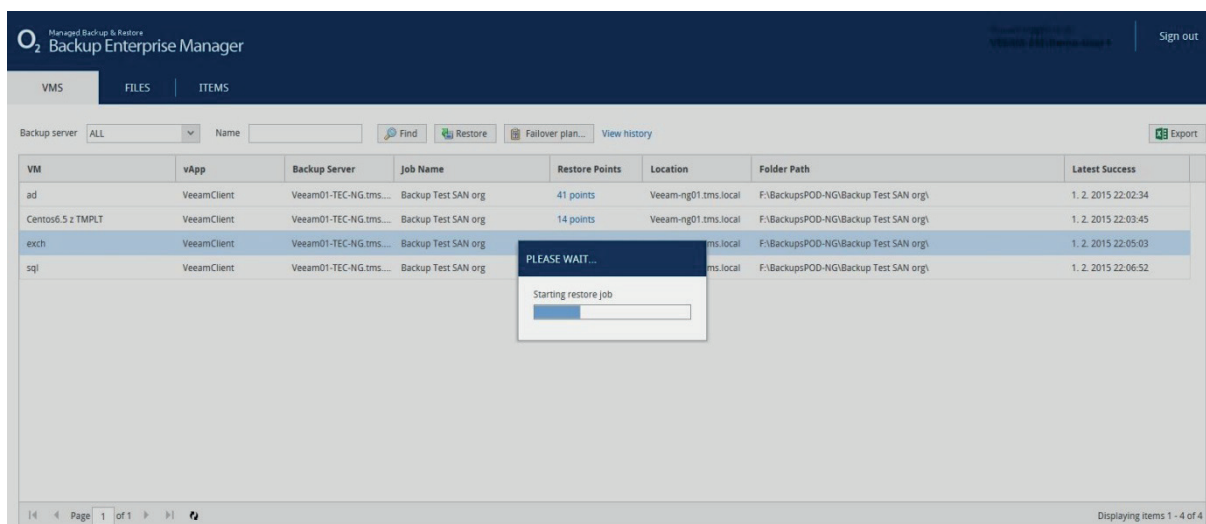
Vyberte požadovaný virtuální stroj a pokračujte tlačítkem Restore.



Vybereme Restore point, z jakého data se má daný virtuální stroj obnovit.



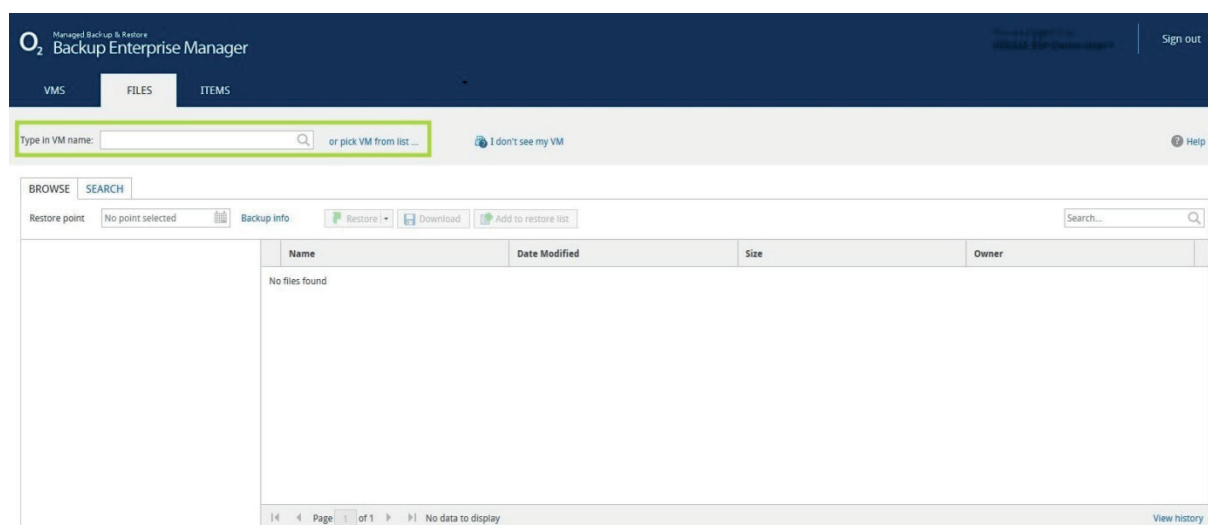
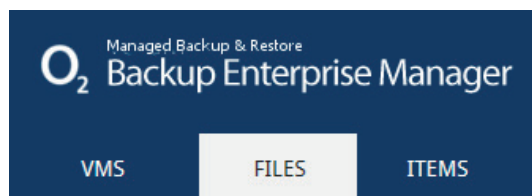
Start obnovy, obnovu lze provádět pouze do originální lokace! Pokud původní stroj existuje, bude vypnut a přepsán! Pokud chcete obnovit virtuální stroj pod jiným názvem či z jiné lokace, kontaktujte ServiceDesk ICT.



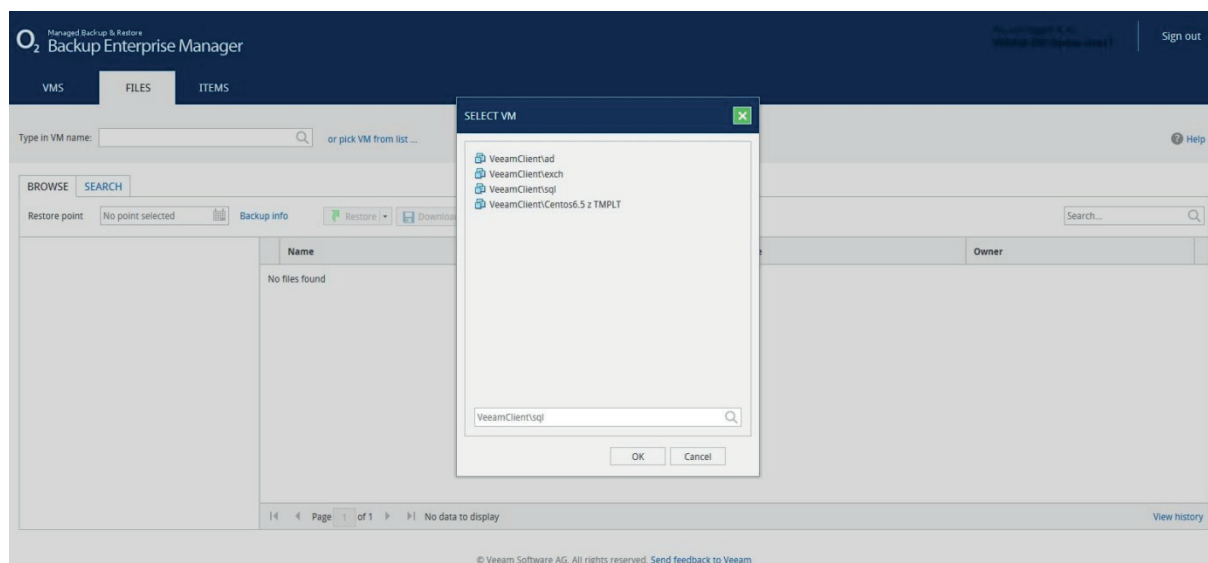
Spuštění obnovy.

2.2 Obnova souborů z virtuálního stroje z MS Windows

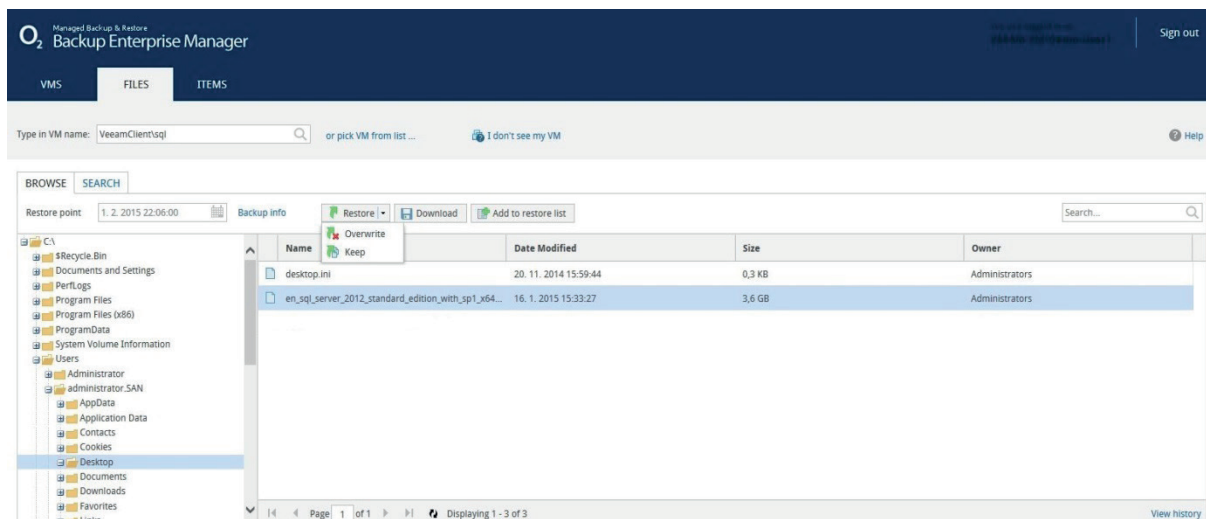
K obnově souborů z virtuálních strojů s OS Windows slouží druhá záložka „FILES“.



Vyberte či vyhledejte VM, ze kterého chcete obnovit požadovaný soubor.



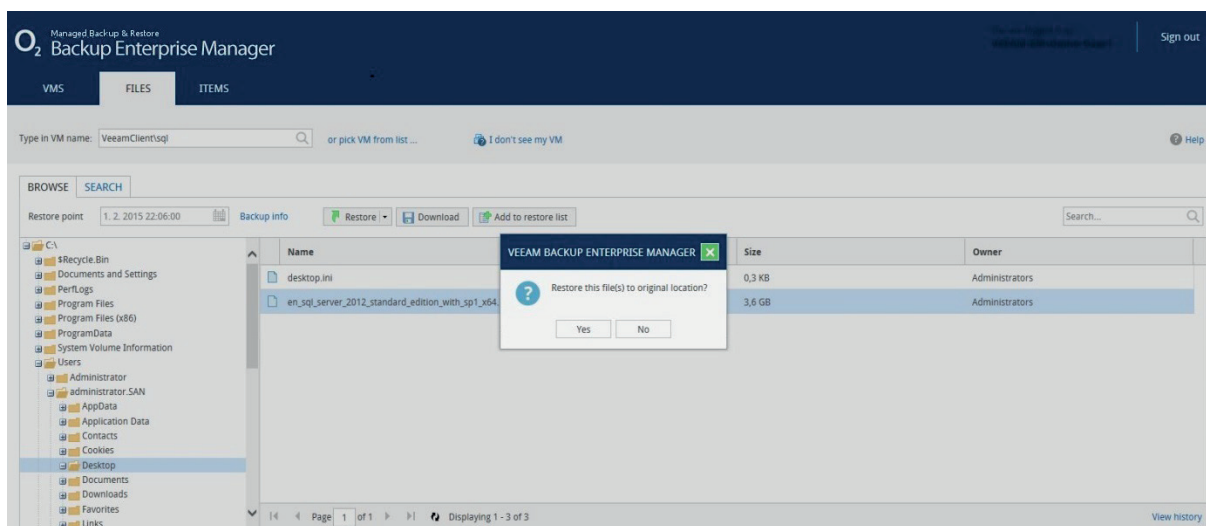
Zvolte požadovaný virtuální stroj.



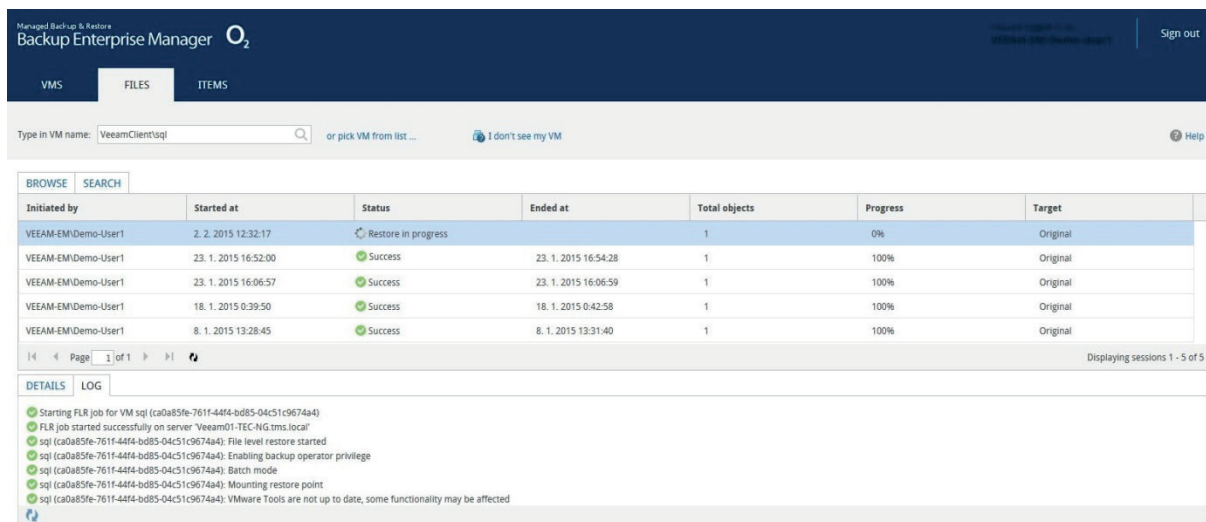
Zvolte Restore point. Požadovaný soubor můžete vyhledat nebo si můžete rozbalit celou strukturu filesystemu.

Možnosti obnovy:

- Overwrite** – obnoví do originální lokace a přepíše původní soubor (pokud existuje)
- Keep** – obnoví do originální lokace a přidá souboru předponu „RESTORED-“ (zachová originál)
- Download** – možnost stáhnout si soubor k sobě do počítače



Příklad obnovy se zachováním originálu.



Je možné sledovat průběh obnovy.

The screenshot shows the O2 Backup Enterprise Manager interface. The top navigation bar includes 'VMS', 'FILES', and 'ITEMS'. Below the navigation bar, there is a search bar with the text 'Type in VM name: VeeamClient.sql' and a button 'or pick VM from list ...'. The main content area displays a table of restore sessions. The table has columns: 'Initiated by', 'Started at', 'Status', 'Ended at', 'Total objects', 'Progress', and 'Target'. The first row shows a successful restore session for 'VEEAM-EM/Demo-User1' initiated on 2.2.2015 at 12:32:17, completed on 2.2.2015 at 12:34:27, with 1 total object and 100% progress. The target is 'Original'. Below the table, there is a 'DETAILS' section with a 'LOG' tab. The log shows the following steps: 'sq (ca0a85fe-761f-44f4-bd85-04c51c9674a4): Restore job is completed', 'sq (ca0a85fe-761f-44f4-bd85-04c51c9674a4): File level restore completed', 'FLR job completed successfully', and 'Updating FLR session history'.

Initiated by	Started at	Status	Ended at	Total objects	Progress	Target
VEEAM-EM/Demo-User1	2.2.2015 12:32:17	Success	2.2.2015 12:34:27	1	100%	Original
VEEAM-EM/Demo-User1	23.1.2015 16:52:00	Success	23.1.2015 16:54:28	1	100%	Original
VEEAM-EM/Demo-User1	23.1.2015 16:06:57	Success	23.1.2015 16:06:59	1	100%	Original
VEEAM-EM/Demo-User1	18.1.2015 0:39:50	Success	18.1.2015 0:42:58	1	100%	Original
VEEAM-EM/Demo-User1	8.1.2015 13:28:45	Success	8.1.2015 13:31:40	1	100%	Original

Displaying sessions 1 - 5 of 5

DETAILS LOG

- sq (ca0a85fe-761f-44f4-bd85-04c51c9674a4): Restore job is completed
- sq (ca0a85fe-761f-44f4-bd85-04c51c9674a4): File level restore completed
- FLR job completed successfully
- Updating FLR session history

Hotovo.

The screenshot shows the O2 Backup Enterprise Manager interface. The top navigation bar includes 'VMS', 'FILES', and 'ITEMS'. Below the navigation bar, there is a search bar with the text 'Type in VM name: VeeamClient.sql' and a button 'or pick VM from list ...'. The main content area displays a table of restore sessions. The table has columns: 'Initiated by', 'Started at', 'Status', 'Ended at', 'Total objects', 'Progress', and 'Target'. The first row shows a successful restore session for 'VEEAM-EM/Demo-User1' initiated on 2.2.2015 at 13:01:04, completed on 2.2.2015 at 13:04:28, with 1 total object and 100% progress. The target is 'Web'. Below the table, there is a 'DETAILS' section with a 'LOG' tab. The log shows the following steps: 'Files restored: 1', 'Total size: 3,6 GB', 'Stopping data transfer agents on server 'Veeam01-TEC-NG.tms.local'', 'Unmounting backup of VM 'sql (ca0a85fe-761f-44f4-bd85-04c51c9674a4)', 'Updating FLR session history', 'Packing restored files', and 'Restored files are available for download'.

Initiated by	Started at	Status	Ended at	Total objects	Progress	Target
VEEAM-EM/Demo-User1	2.2.2015 13:01:04	Success	2.2.2015 13:04:28	1	100%	Web
VEEAM-EM/Demo-User1	2.2.2015 12:32:17	Success	2.2.2015 12:34:27	1	100%	Original
VEEAM-EM/Demo-User1	23.1.2015 16:52:00	Success	23.1.2015 16:54:28	1	100%	Original
VEEAM-EM/Demo-User1	23.1.2015 16:06:57	Success	23.1.2015 16:06:59	1	100%	Original
VEEAM-EM/Demo-User1	18.1.2015 0:39:50	Success	18.1.2015 0:42:58	1	100%	Original

Displaying sessions 1 - 6 of 6

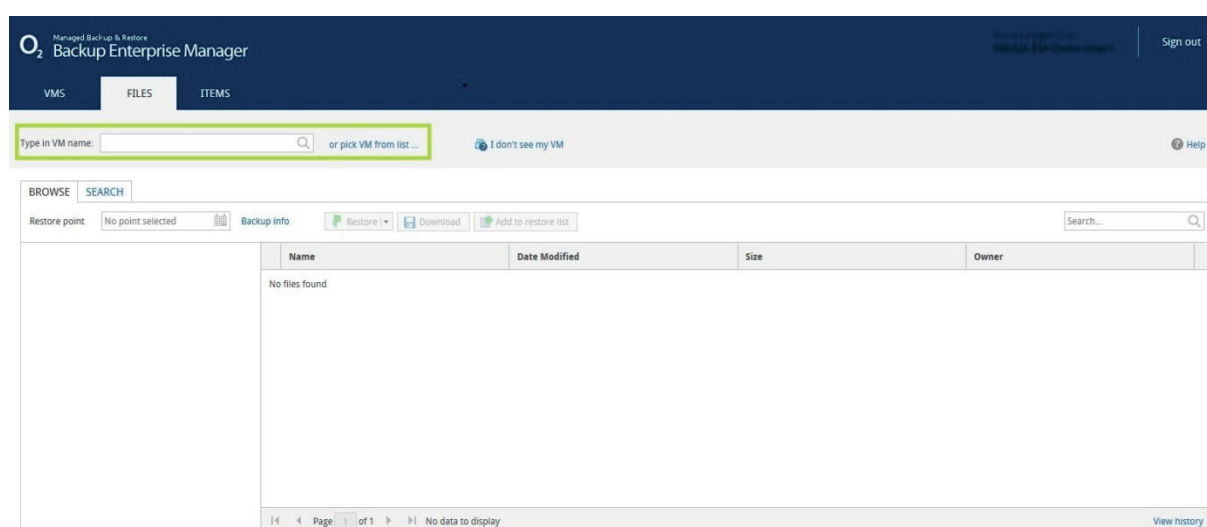
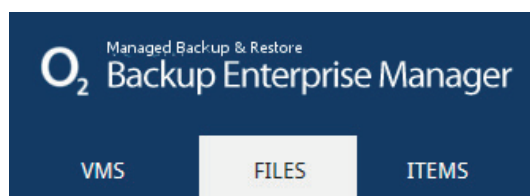
DETAILS LOG

- Files restored: 1
- Total size: 3,6 GB
- Stopping data transfer agents on server 'Veeam01-TEC-NG.tms.local'
- Unmounting backup of VM 'sql (ca0a85fe-761f-44f4-bd85-04c51c9674a4)
- Updating FLR session history
- Packing restored files
- Restored files are available for download

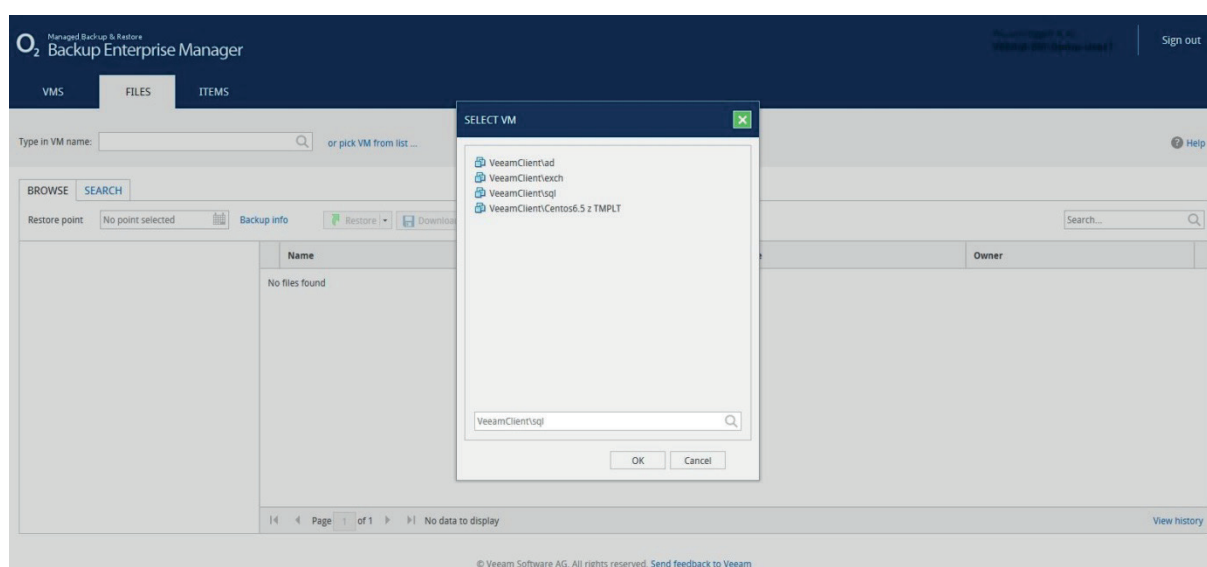
Příklad obnovy s možností Download. Požadovaný soubor se obnoví do dočasné lokace a v logu je Vám nabídnut odkaz ke stažení. Rychlost stažení je závislá na rychlosti Vašeho internetového připojení.

2.3 Obnova souborů z virtuálního stroje z OS Linux

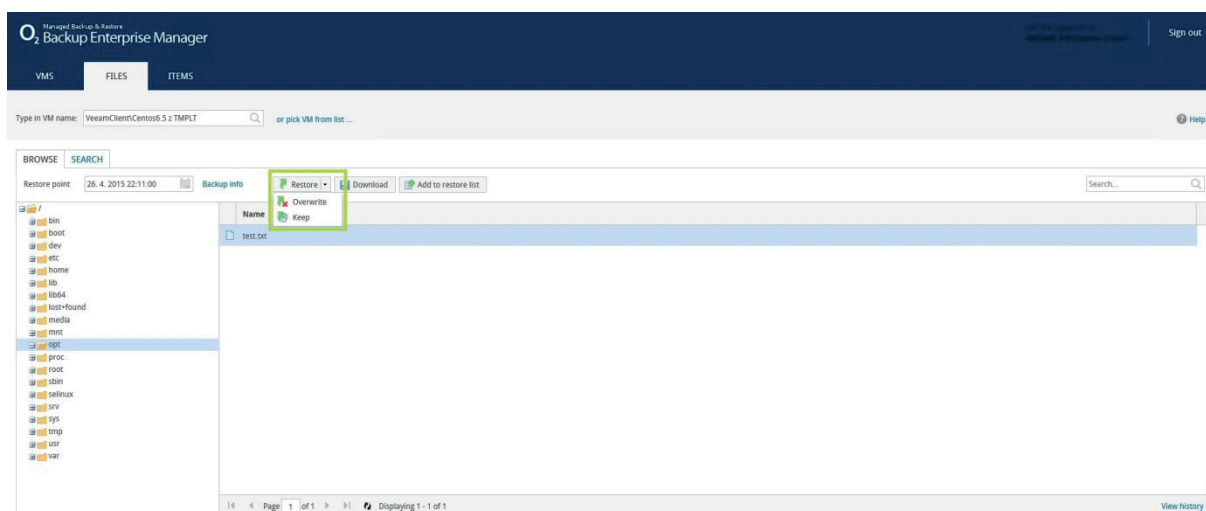
K obnově souborů z virtuálních strojů s OS Linux slouží také druhá záložka „FILES“.



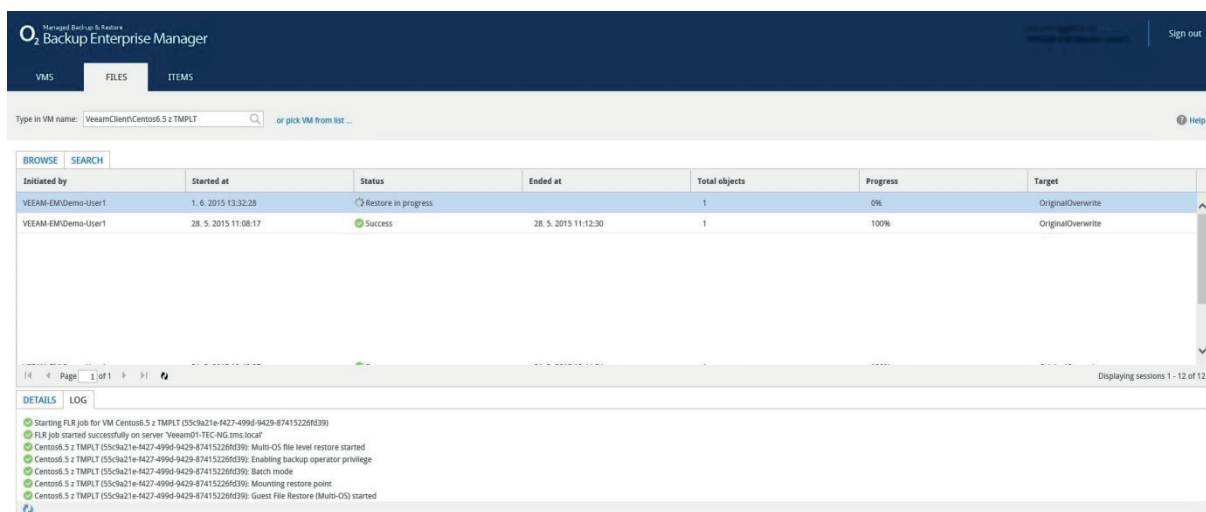
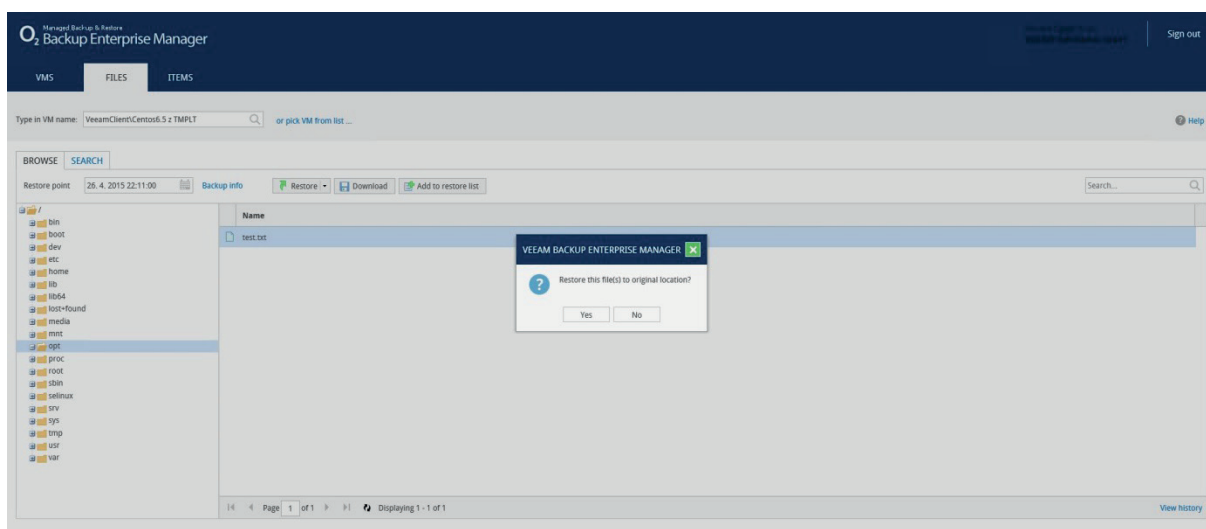
Vyberte či vyhledejte VM, ze které chcete obnovit požadovaný soubor.



Zvolte požadovaný virtuální stroj.



Vyberte, zda chcete přepsat původní soubor nebo ho zachovat.



Průběh obnovy.

The screenshot displays the O2 Backup Enterprise Manager web interface. The top navigation bar includes 'VMS', 'FILES', and 'ITEMS' tabs, with 'FILES' currently selected. A search bar at the top allows filtering by VM name, showing 'VeeamClient:Centos6.5 z TMPPLT'. Below the navigation bar, a table lists backup jobs. The first job, initiated by 'VEEAM-EM/Demo-User1' on '1. 6. 2015 13:32:28', is marked as 'Success' and completed at '1. 6. 2015 13:36:38'. The second job, also initiated by 'VEEAM-EM/Demo-User1' on '28. 5. 2015 11:08:17', is also marked as 'Success' and completed at '28. 5. 2015 11:12:30'. Both jobs show '1' total object and '100%' progress. The 'Target' column indicates 'OriginalOverwrite'. Below the table, a 'DETAILS' section provides a log of the backup process, including steps like 'Unmounting restore point', 'FLR restore session finished', 'Guest File Restore (Multi-OS) completed', 'Transmission agent has been stopped', and 'Restore job is completed'. The interface also shows a 'Page 1 of 1' indicator and a 'Displaying sessions 1 - 12 of 12' message.

Initiated by	Started at	Status	Ended at	Total objects	Progress	Target
VEEAM-EM/Demo-User1	1. 6. 2015 13:32:28	Success	1. 6. 2015 13:36:38	1	100%	OriginalOverwrite
VEEAM-EM/Demo-User1	28. 5. 2015 11:08:17	Success	28. 5. 2015 11:12:30	1	100%	OriginalOverwrite

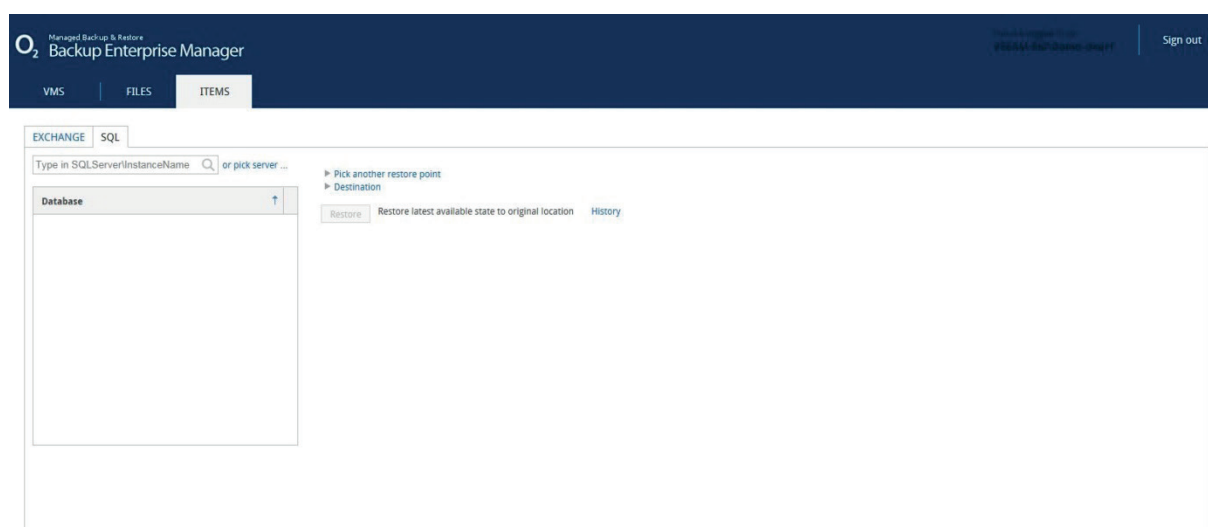
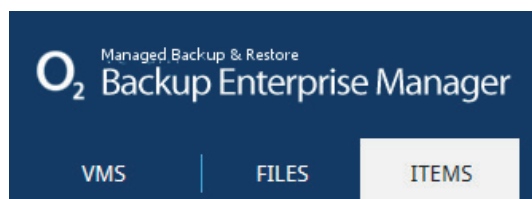
DETAILS LOG

- Centos6.5 z TMPPLT (55c9a21e-8427-499d-9429-874152268d39): Total size: 305,7 MB
- Centos6.5 z TMPPLT (55c9a21e-8427-499d-9429-874152268d39): Unmounting restore point
- Centos6.5 z TMPPLT (55c9a21e-8427-499d-9429-874152268d39): FLR restore session finished
- Centos6.5 z TMPPLT (55c9a21e-8427-499d-9429-874152268d39): Guest File Restore (Multi-OS) completed
- Centos6.5 z TMPPLT (55c9a21e-8427-499d-9429-874152268d39): Transmission agent has been stopped
- Centos6.5 z TMPPLT (55c9a21e-8427-499d-9429-874152268d39): Restore job is completed
- FLR job completed successfully
- Updating FLR session history

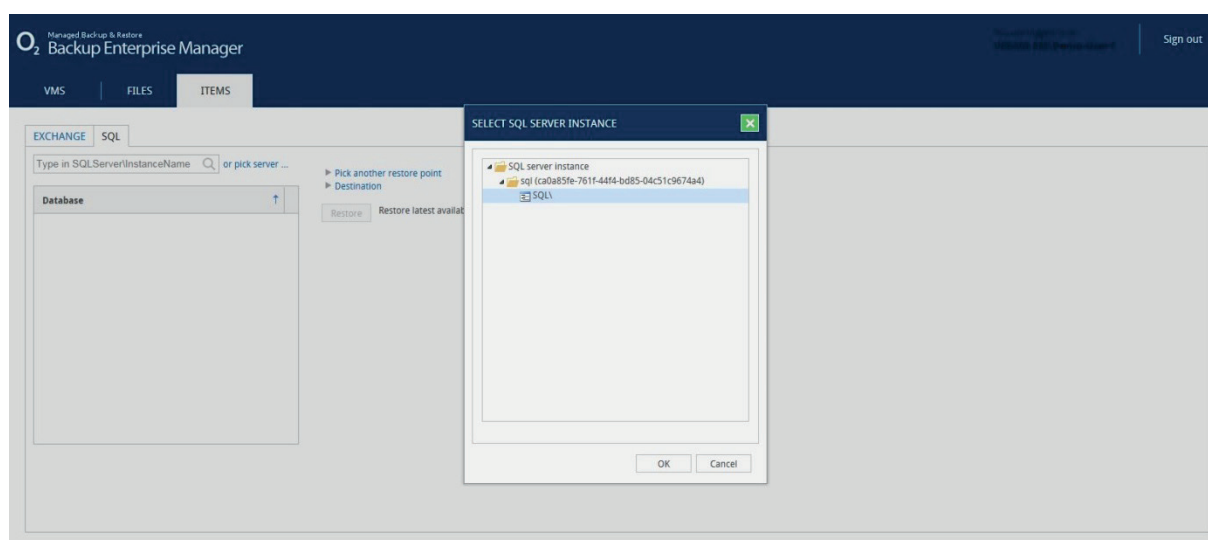
Hotovo.

2.4 Obnova MS SQL databáze

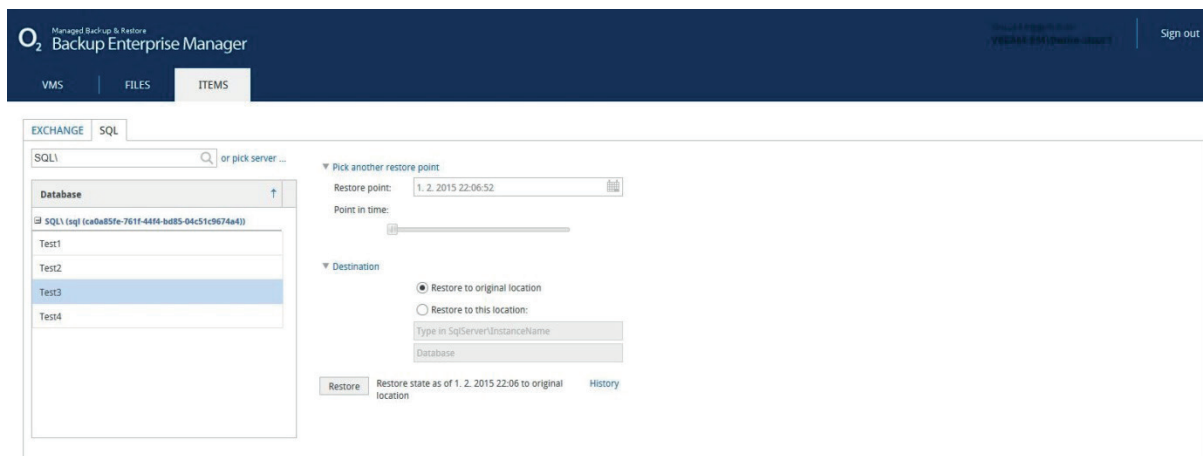
K obnově souborů z virtuálních strojů slouží druhá záložka „ITEMS“.



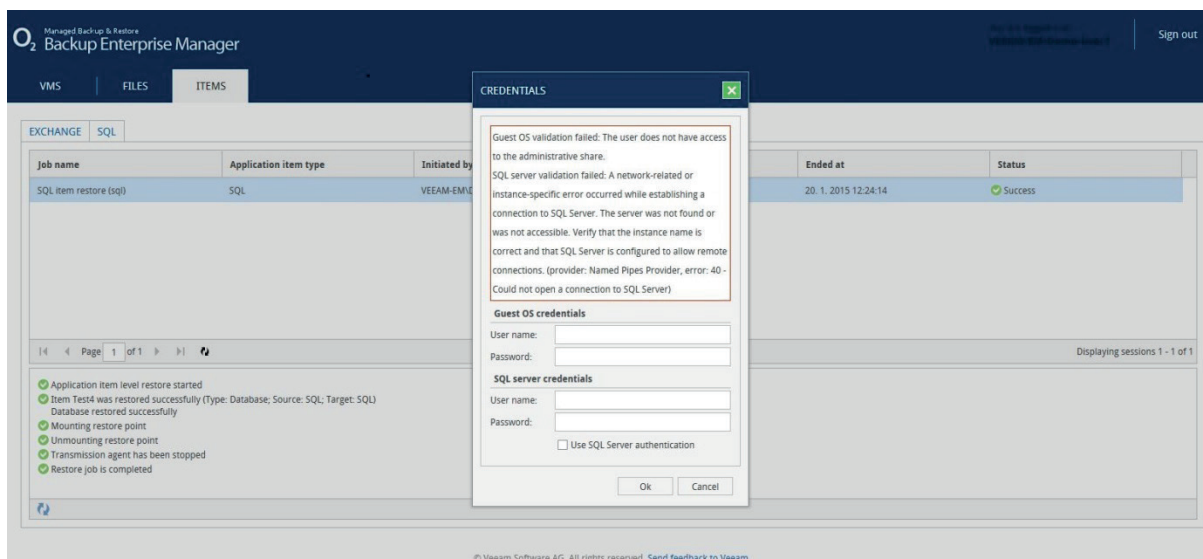
Vyhledejte nebo vyberte (pick) svůj SQL server.



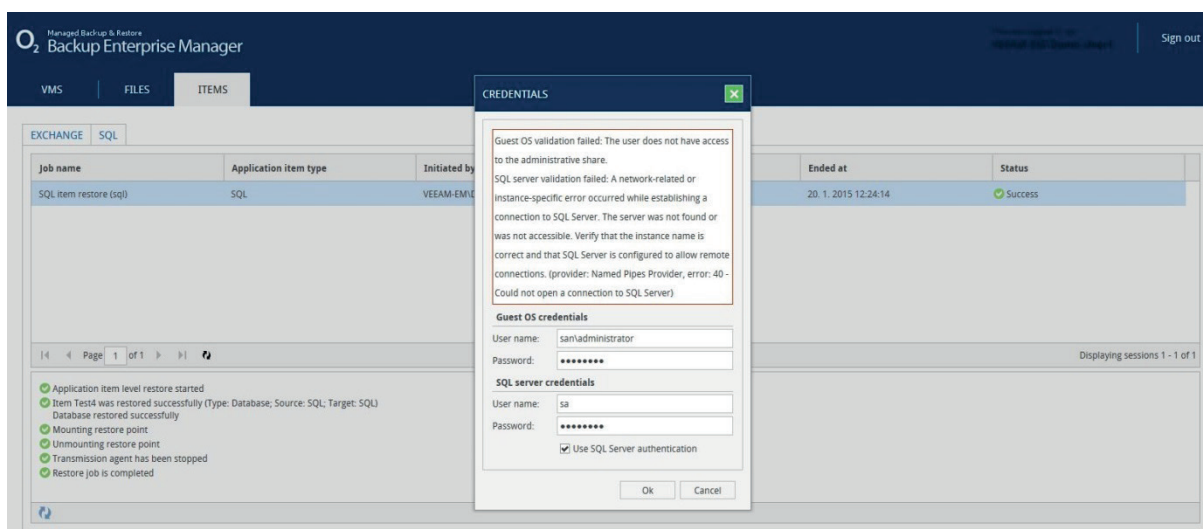
Vyberte požadovanou instanci MS SQL.



Zvolte databázi a Restore point, ze kterého se bude obnovovat. Systém pracuje jen s databázemi, které jsou ve Full recovery modu.



*Zde pozor! Zadejte doménového/lokalního administrátora a SA uživatele SQL serveru. U novějších verzí MS Windows dbejte na to, aby byly vypnuté následující komponenty: **Vypnuté UAC**, **Vypnutý firewall**.*



Příklad.

Managed Backup & Restore
Backup Enterprise Manager

VMS | FILES | ITEMS

EXCHANGE | SQL

Job name	Application item type	Initiated by	Started at	Ended at	Status
SQL item restore (sql)	SQL	VEEAM-EM/Demo-User1	2. 2. 2015 14:50:48		In progress
SQL item restore (sql)	SQL	VEEAM-EM/Demo-User1	2. 2. 2015 14:48:06	2. 2. 2015 14:48:36	Success
SQL item restore (sql)	SQL	VEEAM-EM/Demo-User1	20. 1. 2015 12:23:50	20. 1. 2015 12:24:14	Success

Page 1 of 1

Displaying sessions 1 - 3 of 3

- Application item level restore started
- Restoring item Test3... (Type: Database; Source: SQL; Target: SQL)
- Mounting restore point

Běžící obnova.

Managed Backup & Restore
Backup Enterprise Manager

VMS | FILES | ITEMS

EXCHANGE | SQL

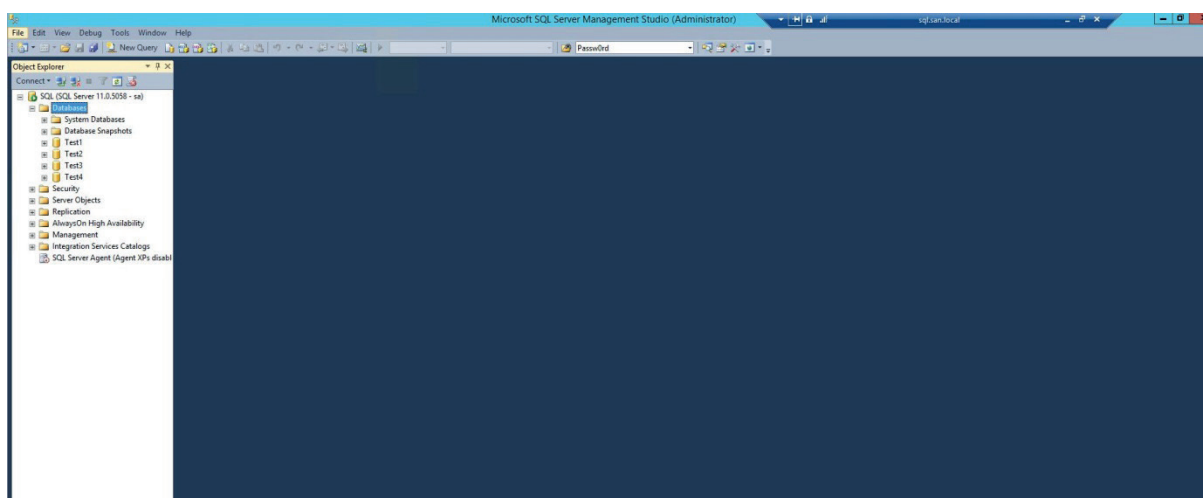
Job name	Application item type	Initiated by	Started at	Ended at	Status
SQL item restore (sql)	SQL	VEEAM-EM/Demo-User1	2. 2. 2015 14:50:48	2. 2. 2015 14:51:18	Success
SQL item restore (sql)	SQL	VEEAM-EM/Demo-User1	2. 2. 2015 14:48:06	2. 2. 2015 14:48:36	Success
SQL item restore (sql)	SQL	VEEAM-EM/Demo-User1	20. 1. 2015 12:23:50	20. 1. 2015 12:24:14	Success

Page 1 of 1

Displaying sessions 1 - 3 of 3

- Application item level restore started
- Item Test3 was restored successfully (Type: Database; Source: SQL; Target: SQL)
- Database restored successfully
- Mounting restore point
- Unmounting restore point
- Transmission agent has been stopped
- Restore job is completed

Hotovo.



S obnovenou databází můžete pracovat.