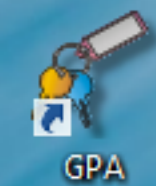
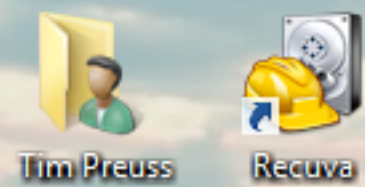


Windows 8.0 Sharing Setup

This presentation shows creating a Windows Share on the command line. The presentation configures the share permissions and the NTFS permissions on the command line.

Preuss

3/11/2014




The presentation is logon as a non-administration account on Windows 8.0.


Start

Tim
Preuss 

The presentation goes to the Windows 8.0 Start Screen from the desktop.


 **11**
Tuesday


Internet Explorer


Store **2**


Bing


Photos


Maps


SkyDrive




Messaging


 S&P 500 - 1:02 PM EDT
1,871.45 ▼ -0.30%


NFL free agency 2014: Likely landing spots for top players


Games


Desktop

 **30°**
Moorhead
Partly Cloudy
31°/8°
Weather


Hunt for missing jet widens to distant waters


Music

Start

Tim
Preuss

Mail

11
Tuesday

Internet Explorer

Store 2

Trending
Justin Bieber
Brady Quinn A
Bing

People

Photos

Messaging

NASDAQ - 1:47 PM EDT
4,323.95 ▼ -0.24%

The presentation opens the All apps option from the Start Menu.

Games

Desktop

32°
Moorhead
Partly Cloudy
32°/8°

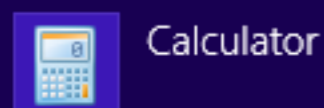
to distant waters

Music

All apps

Apps

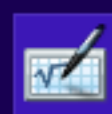
Windows Accessories



Calculator



Character Map



Math Input Panel



Notepad



Steps Recorder



Sticky Notes



Windows Fax and Scan



Windows Journal



Windows Media



Narrator



On-Screen Keyboard



Windows Speech Recognition



Help and Support



Run



Task Manager



Windows Defender

Windows System



Command Prompt



Windows Easy Transfer



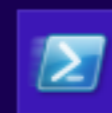
Computer



Windows Easy Transfer Reports



Control Panel



Windows PowerShell



Default Programs



File Explorer

The presentation selects the Command Prompt, then chooses to Run as administrator.



Unpin from Start



Unpin from taskbar



Open new window



Run as administrator




Open file location




All apps

User Account Control

Do you want to allow the following program to make changes to this computer?

 Program name: Windows Command Processor
Verified publisher: **Microsoft Windows**
File origin: Hard drive on this computer

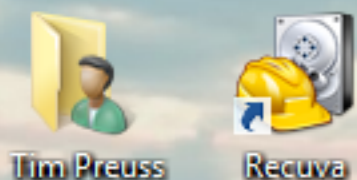
To continue, type an administrator password, and then click Yes.

 Snuffy

Minnesota....

Yes No

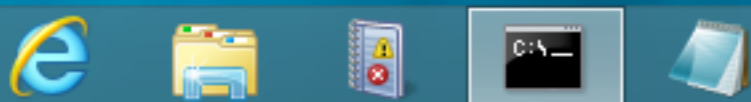
The presentation enters the password for an administration account on Windows 8.

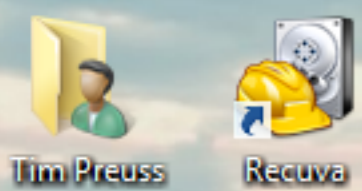


Administrator: Command Prompt

```
Microsoft Windows [Version 6.2.9200]  
(c) 2012 Microsoft Corporation. All rights reserved.  
C:\Windows\system32>
```

This is the command prompt for the presentation. The presentation does not wish to make mistakes in an operating system directory.

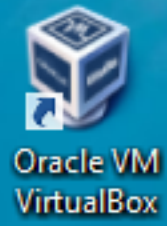


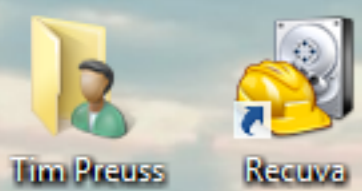


Administrator: Command Prompt

```
C:\Windows\system32>md c:\temp_
```

The presentation creates a temporary directory/folder/subdirectory.

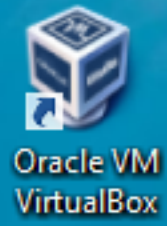


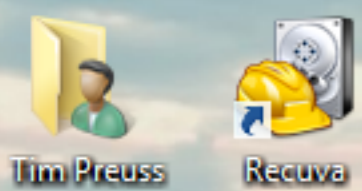


Administrator: Command Prompt

```
C:\Windows\system32>md c:\temp  
C:\Windows\system32>cd\temp_
```

The presentation changes the default directory to the newly created directory.

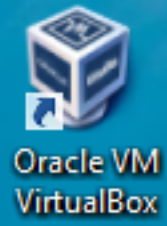


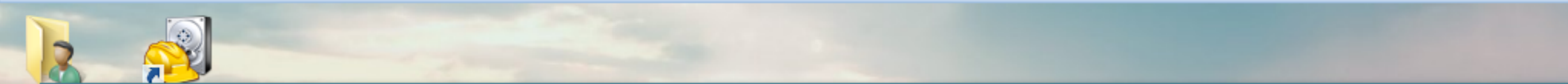


Administrator: Command Prompt

```
C:\Windows\system32>md c:\temp  
C:\Windows\system32>cd\temp  
C:\temp>cls
```

The presentation will clear the Command Prompt screen.

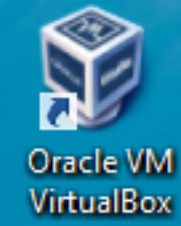


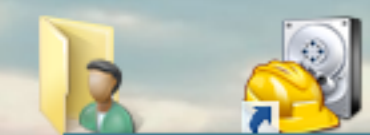


Administrator: Command Prompt

```
C:\temp>md data_
```

The presentation creates a new folder to share.





Administrator: Command Prompt

```
C:\temp>md data
```

```
C:\temp>dir
```

```
Volume in drive C has no label.  
Volume Serial Number is CEEB-FF81
```

```
Directory of C:\temp
```

```
03/11/2014 05:22 PM <DIR> .  
03/11/2014 05:22 PM <DIR> ..  
03/11/2014 05:22 PM <DIR> data  
03/11/2014 01:11 PM 1,592 group.txt  
03/11/2014 03:54 PM 2,665 takeown.txt  
03/11/2014 04:27 PM <DIR> victim  
2 File(s) 4,257 bytes  
4 Dir(s) 22,413,660,160 bytes free
```

```
C:\temp>
```

The presentation will share the folder data.

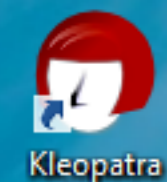




```
C:\temp>net share data=c:\temp\data /GRANT:example01,READ  
data was shared successfully.
```

```
C:\temp>_
```

The presentation creates the share. The presentation issues the net share command. The share name is data, which is equal to the path of the folder. The presentation likes to keep the share and folder names the same. The switch (/GRANT:) gives the group example01 share read permissions.



Kleopatra

Oracle VM
VirtualBox5:23 PM
3/11/2014



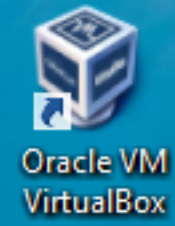
```
C:\temp>copy *.* c:\temp\data /v
group.txt
takeown.txt
        2 file(s) copied.

C:\temp>net share

Share name      Resource
-----
ADMIN$          C:\Window
C$              C:\
IPC$            E:\
E$              F:\
F$              G:\
G$              c:\temp\d
data            C:\Users\
stuff           C:\Users\
Users           C:\Users
The command completed successfully.

C:\temp>
```

The presentation issues the net share command with no parameters. This shows all the shares on the local machine.



```
C:\temp>icacls c:\temp\data\*  
c:\temp\data\group.txt BUILTIN\Administrators:(I)(M)  
NT AUTHORITY\SYSTEM:(I)(M)  
BUILTIN\Users:(I)(RX)  
NT AUTHORITY\Authenticated Users:(I)(M)  
  
c:\temp\data\takeown.txt BUILTIN\Administrators:(I)(M)  
NT AUTHORITY\SYSTEM:(I)(M)  
BUILTIN\Users:(I)(RX)  
NT AUTHORITY\Authenticated Users:(I)(M)  
  
Successfully processed 2 files; Failed processing 0 files  
  
C:\temp>icacls c:\temp\data /grant:r example01:(R) /T /C  
processed file: c:\temp\data  
processed file: c:\temp\data\group.txt  
processed file: c:\temp\data\takeown.txt  
Successfully processed 3 files; Failed processing 0 files
```

The presentation issues the icacls command to check the NTFS permission on the files.

The presentation issues the icacls command to give the local machine group example01 NTFS read access to the files.



```
C:\temp>icacls c:\temp\data\*
c:\temp\data\group.txt  WIN8-VICTIM02\Example01:(R)
                        BUILTIN\Administrators:(I)(F)
                        NT AUTHORITY\SYSTEM:(I)(F)
                        BUILTIN\Users:(I)(RX)
                        NT AUTHORITY\Authenticated Users:(I)(M)

c:\temp\data\takeown.txt  WIN8-VICTIM02\Example01:(R)
                          BUILTIN\Administrators:(I)(F)
                          NT AUTHORITY\SYSTEM:(I)(F)
                          BUILTIN\Users:(I)(RX)
                          NT AUTHORITY\Authenticated Users:(I)(M)

Successfully processed 2 files; Failed processing 0 files

C:\temp>
```

The presentation sees the example01 local machine group has read access to the files.



Kleopatra

Oracle VM
VirtualBox5:27 PM
3/11/2014


```
C:\temp>net help share
```

```
The syntax for the
```

```
NET SHARE  
sharename
```

```
... | None]
```

```
NET SHARE
```

```
used without options, it lists information about all resources being  
shared on the computer. For each resource, Windows reports the  
devicename(s) or pathname(s) and a descriptive comment associated with it.
```

```
sharename
```

```
Is the network name of the shared resource. Type  
NET SHARE with a sharename only to display information  
about that share.
```

```
drive:path
```

```
Specifies the absolute path of the directory to  
be shared.
```

```
/GRANT:user,perm
```

```
Creates the share with a security descriptor that gives  
the requested permissions to the specified user. This  
option may be used more than once to give share permissions  
to multiple users.
```

```
/USERS:number
```

```
Sets the maximum number of users who can  
simultaneously access the shared resource.
```

```
/UNLIMITED
```

```
Specifies an unlimited number of users can  
simultaneously access the shared resource
```

```
/REMARK:"text"
```

```
Adds a descriptive comment about the resource.  
Enclose the text in quotation marks.
```

The presentation issues the command to see the help screen for net share.

```
C:\temp>icaccls /?
```

The presentation issues the command to see the help screens for icaccls.

```
[/C] [/L] [/Q]
```

```
files and folders that match the name with /restore. Note that SACLs, are not saved.
```

```
SidOld SidNew [...] /restore aclfile  
files in directory.
```

```
[/C] [/L] [/Q]
```

```
matching names. This option does not; use the takeown.exe utility for
```

```
[/C] [/L] [/Q]
```

```
finds all matching names that contain an ACL explicitly mentioning Sid.
```

```
[/T] [/C] [/L] [/Q]
```

```
finds all files whose ACL is not in canonical form or whose lengths are inconsistent with ACE counts.
```

```
[/T] [/C] [/L] [/Q]
```

```
replaces ACLs with default inherited ACLs for all matching files.
```

```
[/grant[:r] Sid:perm[...]]
```

```
[/deny Sid:perm [...]]
```

```
[/remove[:gl:d] Sid[...]] [/T] [/C] [/L] [/Q]
```

```
[/setintegritylevel Level:policy[...]]
```

```
/grant[:r] Sid:perm grants the specified user access rights. With :r, the permissions replace any previously granted explicit permissions. Without :r, the permissions are added to any previously granted explicit permissions.
```

