

Stray File List Script User Guide

V5.5.3

intronis



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Introduction

This section includes the following topics:

- Audience
- About this guide
- Software requirements
- Related documentation
- Intronis technical support

Audience

The audience for this document is IT professionals and partners who provide clients with cloud backup and recovery support using Intronis.

About This Guide

The Stray File List Script allows you to display stray files, and how large those files are, for each subaccount. With this feature, storage usage can be managed more efficiently.

This Guide provides the following information:

- About Stray Files
- Generating a stray file list script
- Generating a list of the largest stray files to a specified path
- Remotely generating a stray file list
- Locally generating a stray file list using .bat file

Software Requirements

Before installing the Intronis cloud backup and recovery software on any computer, it is important to know what system environments are supported by Intronis and what hardware is required.

The following table provides the requirements for running the backup software along with the web portal requirements.

| Backup Software Requirements | |
|---|---|
| Minimum Requirements <ul style="list-style-type: none"> • 2 GHz dual-core CPU • 1 GB of total RAM (500 MB free RAM during backup, restore, or delete operation) • Free disk space equaling twice the size of your largest protected file (not required for VM backups) • Broadband Internet Connection • Microsoft .NET Framework 3.5 | Supported Operating Systems <ul style="list-style-type: none"> • Server 2012/2012 R2 • Windows 8 • Windows 8.1 • Windows 7 SP1 • Server 2008/2008 R2 with SP2/SBS 2011 • Windows Vista SP1 • Server 2003 SP1/SBS 2003 SP1 • Windows XP SP3 |
| Recommended Specifications | |

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| Backup Software Requirements | |
|---|--|
| <ul style="list-style-type: none"> • 2GHz quad-core CPU • 4 GB of total RAM • 1 GB free RAM during backup, restore, or delete operation. • Free disk space equaling twice the size of your largest protected file (not required for VM backups) • Broadband Internet Connection • Microsoft .NET Framework 3.5 <p>Web Portal Requirements</p> <ul style="list-style-type: none"> • Internet Explorer 10, 11 (Desktop Mode) • Firefox (most recent version) • Flash player 6.0 or higher • Silverlight 4.0 or higher <p>Mobile Requirements</p> <ul style="list-style-type: none"> • Android 2.2 + • iOS 7 | <p>Exchange</p> <ul style="list-style-type: none"> • Exchange 2003/2007/2010/2013 • (No DAG support) <p>SQL</p> <ul style="list-style-type: none"> • SQL 2005/2008/2012/2014 Standard Edition • SQL Databases must be running in Simple recovery mode <p>VMware</p> <ul style="list-style-type: none"> • vSphere 4.1, 5.0, 5.1, 5.5, and 6.0 (including clustered environments) • All supported versions require a VMware Essentials license or higher. • Clustered environments supported <p>Hyper-V</p> <ul style="list-style-type: none"> • Hyper-V 2008 R2 • Hyper-V 2012 R2 • Generation 1, 2 Hyper-V hardware versions are supported. <p>Windows Imaging</p> <ul style="list-style-type: none"> • Windows 7, 8.1 • Server 2008 R2/SBS 2011/2012/2012 R2 |

Related Documentation

The following documentation is available from Intronis:

- *User Guide* – provides details on how to create backups and restores for each backup type.
- *Best Practices Partner Guide* - provides details on best practices for creating backups and restores.
- *Stray File Management & Annual Package Pricing User Guide* – provides procedures for managing stray files and information on package pricing.
- *ECHOshare Quick Start Guide* – provides information about file synching and collaboration across different devices and ECHOshare service and billing information.
- *Bare Metal Recovery Quick Start Guide* - provides information about restoring a physical image to either a similar or dissimilar physical machine.
- *Package Pricing Quick Start Guide* - provides information about unlimited local and cloud storage to partners for a flat monthly rate.
- *Autotask Implementation Guide* - provides information about setting up Autotask integration with Intronis.
- *Connectwise Implementation Guide* - provides information about setting up Connectwise integration with Intronis.

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Intronis Technical Support

Intronis Technical Support is available 8 AM to 9 PM (EST).

Phone: 800.569.0155 or 617.948.5300

Email: support@intronis.com

You also can use the Intronis live chat service 8 AM to 6 PM (EST).

Click the following link:

Link: <http://www.intronis.com/support/contact.php>





Overview

This section provides the following information:

- About stray files
- About Administrator credentials
- Generating a stray file list script
- Generating a list of the largest stray files to a specified path
- Remotely generating a stray file list
- Locally generating a stray file list using .bat file

About Stray Files

Stray files are stored data that have been deleted from the local machine, deleted from the backup set, or excluded from the backup but remain in local and/or cloud storage.

Prerequisite: To run the scripts, you may need Administrator credentials.

See *Stray File Management & Annual Package Pricing User Guide* for more information.

About Administrator Credentials

The following table provides information to help determine which platforms require Administrator credentials.

| If running the script using... | Then... |
|--|---|
| Windows Server 2012/R2 or Windows 8.1 | The login user must have Administrator credentials. |
| Windows Server 2008 R2, SBS 2011, or Windows 7 | <ul style="list-style-type: none"> • If UAC is turned off, the login user does not need Administrator credentials. • If UAC is turned on, the login user must have Administrator credentials. |
| Windows 2003 | The login user does not need Administrator credentials. |

Generating a Stray File List Script

To generate a stray file list script, perform the following steps.

1. At the local machine, create an XML file.

Example File Name: C:\StrayFileList.xml

2. Type, or cut and paste, the following script into the newly created file.

```
<Request version="4.0">
  <GenerateStrayFileReport>
    <Value>
      <NumberOfStrayFiles/>
      <SaveLocation/>
    </Value>
  </GenerateStrayFileReport>
</Request>
```

3. Open the command window and type the following command.

```
"c:\Program Files (x86)\Intronis
Technologies\eSureIT\BackupCLI.exe" /local /in
c:\StrayfileList.xml
```

The command is displayed, as shown in Figure 1.

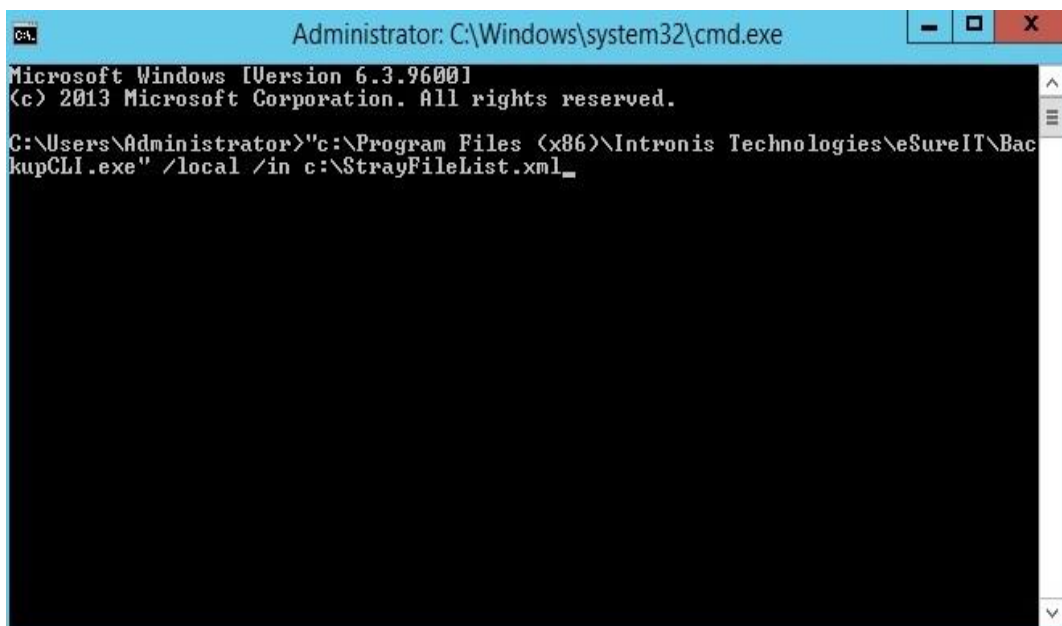


Figure 1. StrayfileList Command.

After the command runs, a CSV file is created that is named: *AccountName-Subaccount-mm-dd-yyyy-StrayFileList.csv* is generated in *C:\Program Files(x86)\Intronis Technologies\eSureIT\reports\StrayFileReports*.

Example CSV file: *Instronis-0001-03-24-2015-StrayFileList.csv*



Note: In the Figure 1 example script, `c:\Program Files (x86)\Intronis Technologies\eSureIT\BackupCLI.exe` is the default, unbranded installation directory for Intronis. If you rebranded the software, then use the branded installation directory path. The file name, `"/in c:\StrayFileList.xml,"` is based on of the XML file you created. If you named the XML files something other than `c:\StrayFileList.xml`, use the new name in the script instead.

4. Open the CSV file to display all stray files, as shown in Figure 2.

| | A | B | C | D |
|----|---|--|---------------------|------------------|
| 1 | File Name | File Path | Number of Revisions | Billing Size(MB) |
| 2 | win8.vhd | C:\Users\Public\Documents\Hyper-V\Virtual hard d | 1 | 10114.55 |
| 3 | win2012R2.vhdx | C:\Users\Public\Documents\Hyper-V\Virtual hard d | 1 | 8548 |
| 4 | New Virtual Hard Disk2.vhdx | C:\Users\Public\Documents\Hyper-V\Virtual hard d | 1 | 8196 |
| 5 | Ming XP.vhdx | C:\Users\Public\Documents\Hyper-V\Virtual hard d | 1 | 2020 |
| 6 | New Virtual Hard Disk.vhdx | C:\Users\Public\Documents\Hyper-V\Virtual hard d | 1 | 1028 |
| 7 | zh-hans_windows_xp_professional_with_service_pack | C:\Users\Administrator\Desktop\zh-hans_windows | 1 | 601.04 |
| 8 | zh-hans_windows_xp_professional_with_service_pack | C:\Users\Administrator\Desktop\XP_86\zh-hans_w | 1 | 601.04 |
| 9 | b6014d35-a895-407d-9a00-5fc80874ee0a.vhdx | C:\Users\wendy.chen\Desktop\share\LocalStorage- | 1 | 244 |
| 10 | BlueSky-5.5.1.30741-Debug-QA-qa4.zip | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 176.65 |
| 11 | BlueSky-5.5.1.29830-Debug-QA-qa4.zip | C:\Users\Administrator\Desktop\Tony\BlueSky-5.5. | 1 | 146.09 |
| 12 | IntelliBlox.sdf | C:\Intronis\BlueSky\Projects\Plugins\IntelliBlox\I | 1 | 78.21 |
| 13 | Cache0002.bin | C:\Users\Administrator\AppData\Local\Microsoft\T | 1 | 64.55 |
| 14 | Cache0001.bin | C:\Users\Administrator\AppData\Local\Microsoft\T | 1 | 64.51 |
| 15 | Cache0000.bin | C:\Users\Administrator\AppData\Local\Microsoft\T | 1 | 64.51 |
| 16 | VDS.sdf | C:\Intronis\BlueSky\Projects\Plugins\DiskImagePI | 1 | 57.33 |
| 17 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.92 |
| 18 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.92 |
| 19 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.92 |
| 20 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.92 |
| 21 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.91 |
| 22 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.91 |
| 23 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.91 |
| 24 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.91 |
| 25 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.91 |
| 26 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.91 |
| 27 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.91 |
| 28 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 47.91 |
| 29 | BackupSoftware.msi | C:\Users\Administrator\Desktop\BlueSky-6.0.1.248 | 1 | 47.01 |
| 30 | Core.plugin | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 34.8 |
| 31 | Core.plugin | C:\Users\Administrator\Desktop\BlueSky-5.5.1.307 | 1 | 34.8 |

Figure 2. CSV Stray File List.

Note: While the above example uses 50 files as the max and `d:\` as the report save location, you can display any number of files, and save the report to any local storage location.

Generating a List of the Largest Stray Files to a Specified Path

To generate a list of the 50 largest stray files to a specified path, perform the following steps.

1. At the local machine, create an XML file.

Example File Name: `C:\StrayFileList.xml`



2. Type, or cut and paste, the following script into the newly created file.

```
<Request version="4.0">
  <GenerateStrayFileReport>
    <Value>
      <NumberOfStrayFiles>50</NumberOfStrayFiles>
      <SaveLocation>d:\</SaveLocation>
    </Value>
  </GenerateStrayFileReport>
</Request>
```

3. Open the command window and type the following command.

```
"c:\Program Files (x86)\Intronis
Technologies\eSureIT\BackupCLI.exe" /local /in
c:\StrayfileList.xml
```

After the command runs, a CSV file that includes the 50 largest stray files is generated in *d:*.

Remotely Generating a Stray File List

This section provides a scenario and the procedure for remotely generating a stray file list.

Scenario

There are two computers installed with agents.

On computer A, the agent uses an account (example, AccountName | Subaccount | Password: Intronis | 0001 | P@ssword1).

On computer B, the agent uses another account (example, AccountName | Subaccount | Password: Intronistest | 0002 | 1234.com).

Procedure

To remotely generate a stray file list script, perform the following steps.

1. At the local machine, create an XML file.

Example File Name: C:\StrayFileList.xml

2. Type, or cut and paste, the following script into the newly created file.

```
<Request version="4.0">
  <GenerateStrayFileReport>
    <Value>
      <NumberOfStrayFiles/>
      <SaveLocation/>
    </Value>
  </GenerateStrayFileReport>
</Request>
```

3. Open the command window and type the following command.

```
"c:\Program Files (x86)\Intronis
Technologies\eSureIT\BackupCLI.exe" /agent "Intronistest:0002"
/username Intronistest /password 1234.com /in
c:\StrayfileList.xml
```

The command is displayed, as shown in Figure 3.

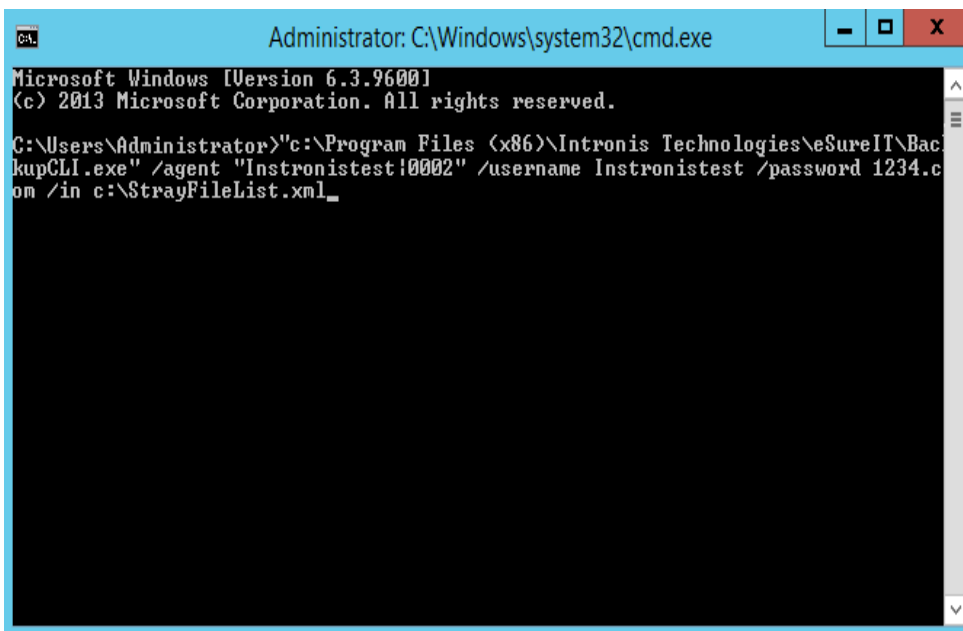


Figure 3. Remote StrayFileList Command.

After the command runs on computer B the stray file list is generated in *C:\Program Files(x86)\Intronis Technologies\eSureIT\reports\StrayFileReports*.

4. Open the CSV file to display all stray files, as shown in Figure 2.



Locally Generating a Stray File List Using .bat File

To locally generate a stray file list using a .bat file, perform the following steps.

1. At the local machine, at the agent installation path (C:\Program Files(x86)\Intronis Technologies\eSureIT\), create a .bat file.
2. Type, or cut and paste, the following script into the newly created file.

```
<BackupCLI.exe /local /xml  
  "<GenerateStrayFileReport><value><NumberOfStrayFiles/><SaveLoc  
  ation/></value></GenerateStrayFileReport>"
```

3. Double-click the .bat file.

After the command window automatically closes, the stray file list is generated in the default path *C:\Program Files(x86)\Intronis Technologies\eSureIT\reports\StrayFileReports*.