

# BackupPC Daemon Version DEVELOPMENT SNAPSHOT FROM Tue Dec 20 22:20:58 CST 2005: User's Guide

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## 1 Introduction

BackupPC (<http://backuppc.sourceforge.net>) is a high-performance, enterprise-grade system for backing up Linux and Windows PCs and laptops to a disk. One of the major strengths of BackupPC is that it utilizes existing protocols (“tar”, “rsync”, “smb”) to transfer data to the server for archival. However, on the enterprise this is also one of its major drawbacks as none of the existing transfer mechanisms are particularly well-suited for this task under Windows. Due to this limitation and the need for such a mechanism the BackupPC Daemon (“BackupPCd” or “backuppcd”) was created.

Some of the major benefits of BackupPCd over existing mechanisms include:

- Portable
- Unified namespace on systems which do not have a pure-heirarchial view of the filesystems
- Runs as a native service
- Supports extended attributes and ACLs
- Support hashed passwords
- Supports local directive files for excluding files
- Minimal configuration requirements on the client end
- Automatic upgrades over the network

BackupPCd is currently under heavy development but should be stable enough for deployment in the vein of future upgrades over the network.

## 2 Usage

### 2.1 backuppcd

### 2.2 backuppcd-client

### 2.3 backuppcd-tar

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