Bare Metal Restores with x360Recover

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Axcient has robust Bare Metal Restore (BMR) capabilities for recovering an entire protected system image back onto a newly repaired or replaced device, either physical or virtual.

With bare metal restore, (as the name implies), there is no need to first load an operating system before beginning the recovery. Using the Recovery Wizard, you can simply write the protected system image directly back to the recovered system.

Axcient x360Recover Bare Metal Restore Utility

The Axcient x360Recover Bare Metal Restore utility is a Linux Live CD for performing system recovery, diagnostics, troubleshooting, and general digital forensics. The utility supports (a) legacy MBR (Master Boot Record) and (b) modern UEFI (Unified Extensible Firmware Interface) system architecture and contains:

- A wizard helps you recover protected systems from an x360Recover appliance, vault, or exported Virtual Disk image(s) directly back onto your replacement hardware. Protected systems may be recovered onto either physical or virtual machine hardware.

- A driver Injector utility helps inject critical device drivers into an offline Windows operating system to allow it to boot properly after it has been recovered to dissimilar hardware.

Also included in the x360Recover Bare Metal Restore utility are tools for disk partition recovery and editing, file system repair, antivirus scanning, offline Windows registry editing, and disk cloning/imaging.

Download the latest x360Recover Bare Metal Restore utility >>

WAYS YOU CAN PERFORM BARE METAL RESTORE WITH X360RECOVER

Our x360Recover Bare Metal Restore Wizard offers several options for performing different types of recovery, depending on where your data is located:

Perform BMR from an appliance

Perform BMR from a vault with Local Cache

Perform BMR from a vault without Local Cache

Perform BMR from a virtual disk image

Axcient x360Recover Bare Metal Restore Utility Tools

Also included in the x360Recover Bare Metal Restore utility are tools for:

- Disk partition recovery and editing
- File system repair
- Antivirus scanning
- Offline Windows registry editing
- Disk cloning and imaging
- Digital forensics utilities

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Minimum Requirements for a Bare Metal Restore

In addition to a DVD or USB containing the x360Recover Bare Metal Restore tools image, your target protected system must have:

- 2GB+ RAM

- Hard drive(s) of sufficient size to contain the original protected system data

- Bare metal restore from Local Cache (for Direct-to-Cloud systems) requires extended hardware CPU instruction set support for encryption and hashing functionality. (SSE2, SSE3, SSE4.1, AES, AVX) and to support these steps, your CPU must be an Intel Broadwell chipset or newer, or the AMD equivalent, circa 2011.

Recovery to a Smaller Target Drive is Supported

If necessary, it is now possible to perform a bare metal recovery to a target drive that is physically smaller than the original protected system drive. Note that there must be enough space on the target drive for the actual data IN-USE on the system to fit.

Bare Metal Restore (BMR) ISO with Direct-to-Vault via FTP Recovery Method

This allows for a BMR to be started directly from a Direct-to-Cloud (D2C) backup snapshot that exists in the Axcient cloud without having to export and download the backup snapshot image first. Partners can do restores direct from the vault even if not using Local Cache – the BMR Wizard can mount images directly from Axcient cloud Vault. Note: we strongly encourage all partners who use D2C to enable and use Local Cache, especially for server backup. Local Cache provides the fastest recovery option for Direct to Cloud endpoints.

Need to do a BMR?

Get comprehensive guidance by downloading the Axcient Bare Metal Restore Guide

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