

# HyperBoot™

Immediately starts a virtual machine from any ActiVImage Protector™ backup image file

## What is HyperBoot™?

HyperBoot™ is a free standalone software add-on that can boot any ActiVImage Protector™ backup image as a virtual machine in minutes, bypassing lengthy physical to virtual conversion and recovery process.

## Unique DisasterReady availability solution developed to meet user’s requirements

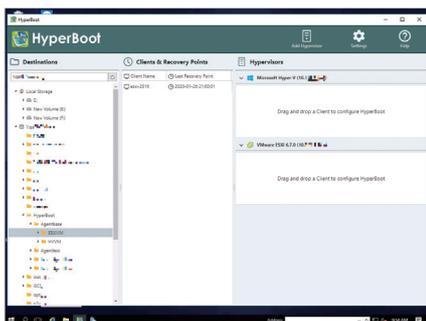
- Common disaster recovery approaches include mock disaster drills ensuring recoverability of backup files.  
(Why can we eliminate the whole lengthy recovery process just to ensure recoverability of backup files?)
- Virtual migration testing takes time and incurs extra cost.
- In the event of a system failure, full restore process takes lengthy time.

HyperBoot™, Actiphys’s proprietary solution, was developed to meet the users’ requirements.

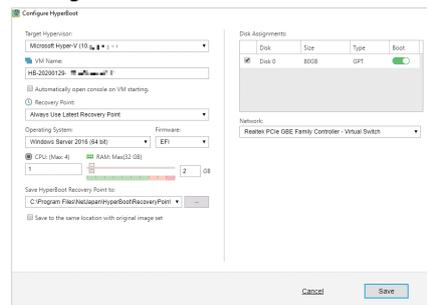
## Main Features of HyperBoot™

- Immediately starts a virtual machine from any ActiVImage Protector™ backup image. In general, it takes about a couple of hours to restore a 1TB backup image file of Windows system. The use of HyperBoot™ enables you to boot a backup image file as a virtual machine in as little as two minutes (according to our test results) \*.
- \* The boot time is environment-dependent.
- HyperBoot™ virtual machine, containing the OS, applications and all the data from the original source machine, provides an alternative availability solution to bridge the gap between disaster and recovery in the event of a system failure or while hardware is repaired.
- HyperBoot™ provides a “spare wheel” to run servers temporarily. Changes made while running virtual machines from backups are saved as differential files which updates the backup to it’s most current state.
- Use VMware vMotion Live Migration to effect “recovery on boot” of a HyperBoot™ virtual machine to a hypervisor in a production environment.
- Eliminates lengthy physical to virtual conversion or restore process.
- Supports major virtualization applications:  
Microsoft Hyper-V (Remote and Local), VMware ESXi, VMware Workstation Pro / Player, Oracle VirtualBox are supported.
- uEFI system and 2TB or larger volumes are supported.
- Boots backups created by all versions and editions of ActiVImage Protector™.
- Combined use with ImageCenter™ LE on the same host is supported.

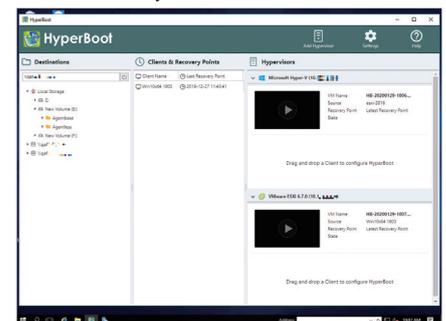
Console window



Settings window



Select Recovery Point



## Primary Merits of HyperBoot™

HyperBoot™ starts a virtual machine from any ActiImage Protector™ backup image by selecting a recovery point in the event of a system failure, eliminating lengthy recovery time.

Identify failure points by selecting recovery points. HyperBoot™ provides a highly practical solution, eliminating the need to restore the backup images respectively.

Use VMware vMotion Live Migration to effect “recovery on boot” of a HyperBoot™ virtual machine on VMware ESXi to a hypervisor in a production environment.

### <Examples of Primary Merits>

- In the event of a ransomware attack, boot a HyperBoot™ virtual machine from any point-in-time backup image before virus infection.
- As a result of a power failure in the whole building, server shut-down caused system failure. HyperBoot™ virtual machine can provide a “spare wheel” to immediately run servers and resume operation.
- Cumbersome disaster / recovery tests in production environment take lengthy time. HyperBoot™ can quickly boot up backup images as virtual machines while testing prior to deployment.
- Identify and isolate the point of failure without restoring the incremental files one after another.
- Use HyperBoot™ for virtual migration testing prior to deployment.

**HyperBoot™ is entirely free-of-charge and is included with the ActiImage Protector™ trial and full software solution.**



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