

HyperBoot™

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

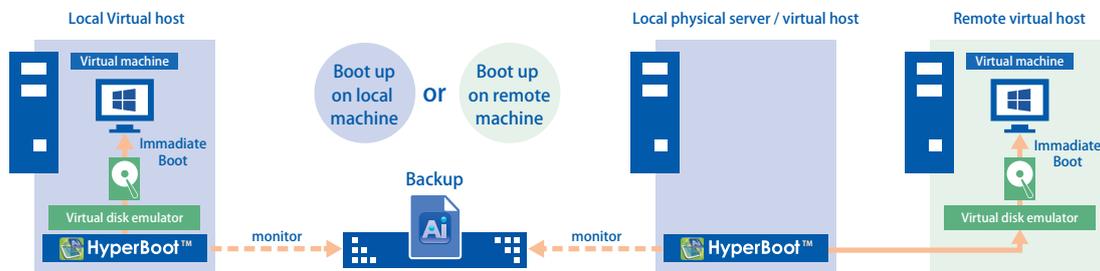
HyperBoot™ is a free standalone software add-on that can boot any backup image of ActiVImage Protector™, a Data and System Protection Solution, as a virtual machine in minutes. The booted virtual machine, containing the OS, applications and all the data from the original source machine, provides an alternative availability solution to bridge the gap between disaster and recovery in the event of a system failure or while hardware is repaired.

Main Features of HyperBoot™

Immediately starts a virtual machine from any ActiVImage Protector™ backup image via an intuitive software operation

HyperBoot™ can boot any ActiVImage Protector™ backup image as a virtual machine on hypervisor (Microsoft Hyper-V, VMware ESXi, Oracle VirtualBox), bypassing lengthy physical to virtual conversion and recovery process. For example, 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.



Boot up virtual machine with minimum resource demands on the virtual host

The virtual disk of the booted virtual machine is emulated directly from a backup image, with minimum storage demand in datastore. You do not need to reserve storage area in datastore on virtual host on which the virtual machine is configured.

Changes made while a virtual machine is shutting down are saved in differential backup file

The changes made from shutting down and when booting up a virtual machine are saved in differential backup file. The operation of the rebooted virtual machine can be resumed from the point in time when the virtual machine shut down. The use of the differential backup file moved or copied to backup destination folder enables to restore the virtual machine from ActiVImage Protector™.

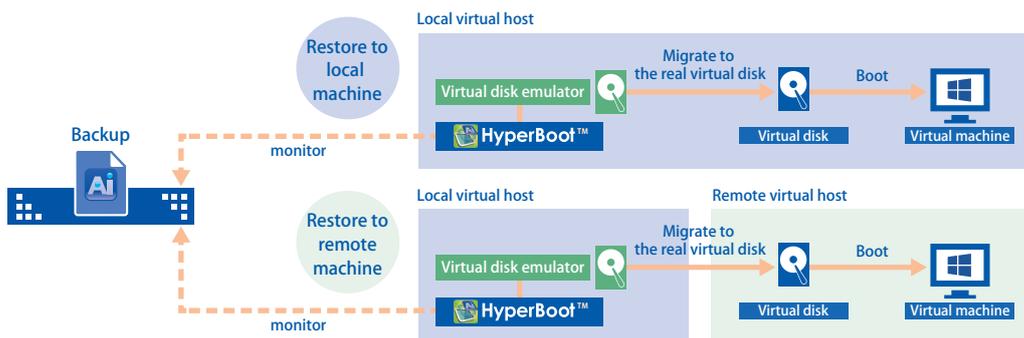
Backup image files of Windows / Linux system are supported

Backup image files of Windows / Linux system in physical, virtual and cloud environments are supported.

* Agent-based backup image files of LVM configured Linux machines are not supported.

Seamless restore to production environment

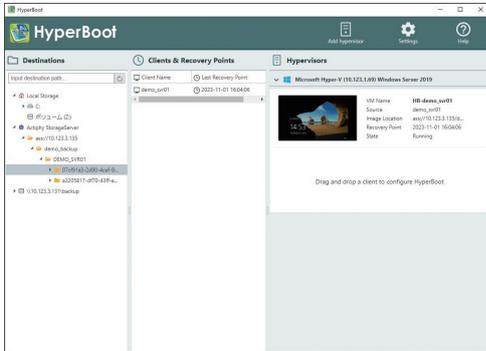
Live Migration of a virtual machine booted on Hyper-V or vCenter vMotion enabling to complete storage migration on hypervisor are supported. While the booted virtual machine is up and running, the seamlessly emulated virtual disk is migrated to a real virtual disk and used as the restored virtual machine.



Features of HyperBoot™

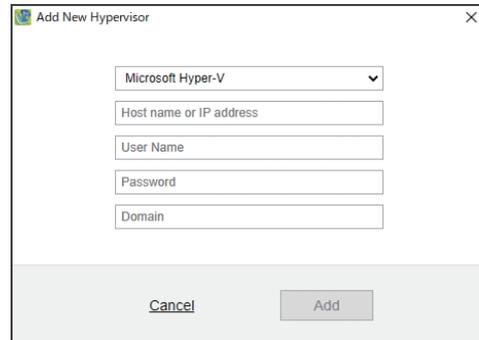
Immediately starts a virtual machine from any ActiImage Protector™ backup image

Select a recovery point of the target machine (the point-in-time of backup), specify the hypervisor configured on local or remote host and immediately boot up as a virtual machine.



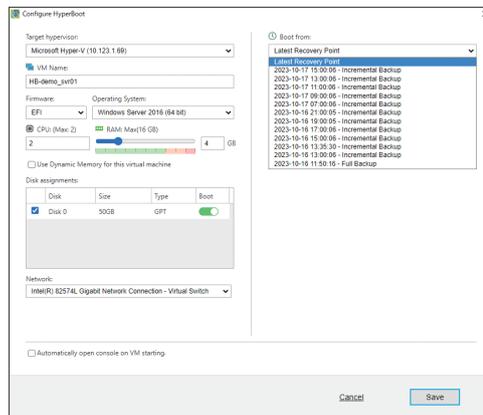
Supports major virtualization applications

Microsoft Hyper-V (Remote and Local), VMware ESXi, Oracle VirtualBox are supported



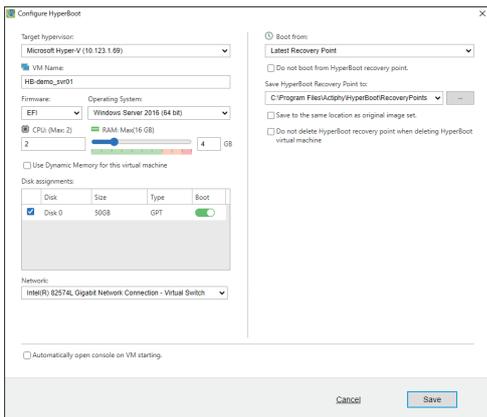
Select a recovery point to boot up a virtual machine

Select a specific recovery point to boot up a virtual machine.



Configure the resource settings for the virtual machine

You can configure the resource settings including CPU, memory size, network switch etc., for a virtual machine.



Primary Merits of HyperBoot™

■ Provides an alternative availability server to bridge the gap between disaster and recovery

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.

■ Confirm bootability and verify integrity of backup files

HyperBoot™ can check bootability and verify integrity of the restored virtual machine by using the backup image file, bypassing a lengthy physical to virtual conversion and recovery process.

■ Serves as a test server

You can test and confirm that the backup images are bootable by selecting ActiImage Protector™ backup images in a chronological order and identify the point-in-time the failed backup image was created, bypassing lengthy recovery process.



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