



Introducing CA ARCserve Central Virtual Standby

CA ARCserve Central Virtual Standby allows recovery points from a CA ARCserve D2D backups to be converted to virtual machines for VMware or Microsoft hypervisors. Using the common CA ARCserve Central Applications interface, to add servers protected by CA ARCserve D2D or to auto populate servers being protected by CA ARCserve Central Host-Based Backup. Creating policy that defines the parameters around creating the virtual machine for the type of hypervisor is straightforward, specifying virtual machine name, cpu and memory, and data store information. Also, the monitor can be configured to watch the virtual machines being protected. If they drop from the network, the virtual machines are created from the latest CA ARCserve D2D recovery point. They can even be automatically started, or manually started.

OVERVIEW

Source — The source data used by CA ARCserve Central Virtual Standby is either a CA ARCserve D2D or CA ARCserve Host-Based VM Backup recovery point on disk. These recovery points are used to create virtual machines.

Hypervisor Support — The virtual machines can be created for Hyper-V or VMware hypervisors. The same policy interface is used to define both types of virtual machines, adjusting the input required to match the requirements for the specified hypervisor.

Choose Recovery Points — The CA ARCserve Central Virtual Standby interface also allows for manual selection of any valid recovery point, providing a method to create and start virtual machines. These recovery points are easily browsed and selected to start the recovery process.

Automate Recovery — Not only can the server configured to be the monitor server detect when a virtual machine is not accessible on the network, the settings can allow the virtual machine to be created and started, without any manual intervention.

Restore — Since CA ARCserve Central Virtual Standby accesses CA ARCserve D2D recovery points, you can also perform all of the standard recovery options. If the recovery point was created using CA ARCserve Central Host-Based VM Backup, the additional Recover VM recovery method is also available.

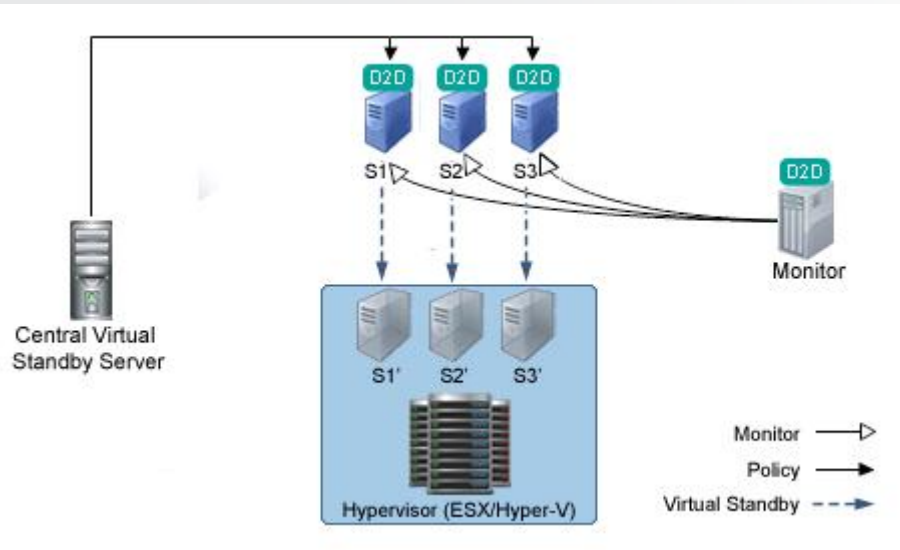
Email Alerts — The preferences tab in the policy configuration allows for a number of pre defined alert types that can be via email. These alerts are sent when the condition is detected.

BENEFITS

- CA ARCserve Central Virtual Standby derives even more functionality from CA ARCserve D2D recovery points in combination with the advantages of a virtualized infrastructure by automatically converting recovery points to virtual machines. This provides an automated full system recovery for any server being protected.
- Both Microsoft and VMware hypervisors are supported, providing the flexibility to work with the hypervisor of choice. The policy creation is context based, so only the appropriate settings are required, based on the type of hypervisor.
- While automatically creating a virtual machine from the last recovery point is a good thing, CA ARCserve Central Virtual Standby provides a simple interface to select any valid recovery point. This allows recovery from any of the retained recovery points. This provides a method to easily recover a virtual machine using any available recovery point.
- Supporting all of the standard CA ARCserve D2D recovery options, access to restore is also supported within the CA ARCserve Central Virtual Standby interface. Providing additional flexibility for recovery by using the same exact recovery interfaces supported by CA ARCserve D2D, saving time by performing these task from within CA ARCserve Central Virtual Standby.
- No one likes surprises, and by enabling the email alerts in the policy configuration, the appropriate messages will be sent as the condition occurs, providing up to the minute status.

Introducing CA ARCserve Central Virtual Standby

Introducing CA ARCserve Central Virtual Standby, a web-based solution designed create virtual machines for Hyper-V or VMware from CA ARCserve D2D or CA ARCserve Central Host-Based VM Backup recovery points. The configuration is policy based, and all of the information specific to each type of hypervisor is easily added once to the policy, and then can be used to protect any machine having a valid CA ARCserve D2D recovery point.



A separate monitor server is configured to check the network availability of the systems defined in the policy. Based upon the frequency and timeout settings, if the production server becomes unavailable, the process to create the virtual machine begins. An empty virtual machine is created on the hypervisor, and the data is read from the recovery point and restored to the virtual machine. The machine is then either started manually, the default, or can be started automatically. Also, all valid recovery points for a selected server are displayed in the CA ARCserve Central Virtual Standby interface. Just click on the link adjacent to the recovery point and the recovery begins.

Frequently Asked Questions

- Q:** Does CA ARCserve Central Virtual Standby require a license?
A: Yes, CA ARCserve Central Virtual Standby is a licensed application.
- Q:** Which hypervisors are supported to host the virtual machines being created?
A: Currently both Microsoft Hyper-V and VMware ESX hypervisors are supported to host the virtual machines.
- Q:** When are the virtual machines created?
A: The first time, after configuring CA ARCserve Central Virtual Standby, when the first CA ARCserve D2D backup job completes, the virtual machine is created bases on that recovery point. When subsequent CA ARCserve D2D backup jobs complete, the incremental change is saved as a snapshot of the base virtual machine.
- Q:** What happens if I initiate a recovery using CA ARCserve Central Virtual Standby and the production server is still running?
A: A dialogue box will alert you to this condition as to prevent disruption to the production environment.
- Q:** Does CA ARCserve Central Virtual Standby provide any other recovery methods?
A: Yes, the Restore button in the user interface allows the valid D2D restore from the selected repository, using the same process as a native CA ARCserve D2D restore.

Summary

CA ARCserve Central Virtual Standby once again demonstrates how applications can enhance CA ARCserve D2D functionality. By converting every recovery point to a virtual machine residing in Hyper-V or ESX hypervisors, full system recovery is as easy as starting a virtual machine. In fact, CA ARCserve Central Virtual Standby will start it automatically if the production server becomes unavailable, or configure an alert indicate via email that a recovery may be needed when using manual start. Additionally the restore function built in to the CA ARCserve Central Virtual Standby interface are the same supported by CA ARCserve D2D, providing the same restore capabilities from within CA ARCserve Central Virtual Standby.

For more information about the CA ARCserve Family of products, please visit arcserve.com/products or test drive our products at arcserve.com/software-trials.