

EnsureDR Quick Startup Guide for RecoverPoint for Virtual Machines

Ver:1.0 - 05/27/2022

EnsureDR is a software solution that makes sure your data recovery (DR) site works when you need it. By running automatically every few days, DR testing is performed and used to reveal issues that need to be addressed - therefore keeping the business up to date with its DR state. EnsureDR supports DR solutions (data movers) such as AWS Elastic Disaster Recovery (AWS DRS), Carbonite Recover, Cohesity Helios, Microsoft Azure Site Recovery (ASR), NetApp storage, RecoverPoint for Virtual Machines, Veeam Backup & Replication, VMware vSphere Site Recovery Manager (SRM), Zerto, and more.

Document Description

In this quick startup guide, you will learn how to quickly set up the EnsureDR job to test VM's health check status using your data mover in your DR environment. For advanced features please refer to the full user guide. Please follow the instructions and if you need additional help, please contact support@ensuredr.com.

Prerequisites

To make EnsureDR works properly, there are a few prerequisites to set up in advance.

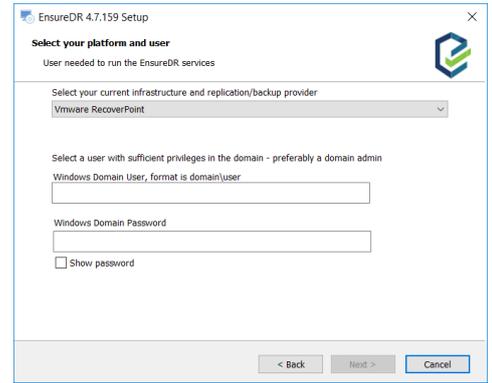
Servers and Console	<p>One server with Windows 2016/2019 with 16 GB mem, 4 CPU, 250 GB disk, single NIC. EnsureDR management VM (EDRM) should be located on the DR location of a testing environment.</p> <p>The latest VMware VM tools must be installed on EDRM server and assigned a static IP. Server must have only a single NIC.</p> <p>Correct time zone should be set for the machines.</p> <p>Server should be joined to a domain.</p>
Credentials	<p>Domain account which is the local administrator on the EDRM server.</p> <p>VMware vCenter user which has administrator rights.</p>
RecoverPoint for VM	<p>To avoid any duplicate IPs in your environment, please validate that your Consistency Group replication plans are properly configured with the test networking settings to run inside an isolated/bubble network on the DR site before starting the job from the EDRM.</p>
Firewall	<p>Port 443 needs to be open from the main EnsureDR management server (EDRM) to the source and target VMware vCenter servers.</p> <p>Port 443 needs to be open from the main EnsureDR management server (EDRM) to the source and target RecoverPoint for VM servers.</p> <p>Port 443 needs to be open from the main EnsureDR management server (EDRM) to the source and target RecoverPoint for VM plugin server.</p> <p>Port 443 needs to be open from the client workstation to the EDRM server.</p> <p>SMTP port should be open for the reporting, from the EDRM server to the local mail server. Usually, the SMTP port number is 25 but can be different. Please ask your mail administrators for the correct port number.</p>
Antivirus	<p>If Antivirus software is running inside the EnsureDR management server, add an exclusion for API.exe and EDRunner.exe.</p>
Reporting Mail	<p>SMTP mail service available for the EnsureDR server to send the report via mail such as local exchange or Office365/Gmail.</p>
Supported Version	RecoverPoint for VM 5.3
Supported Browser	Google Chrome

Setup

Prepare a server VM with a clean install of Windows server 2016/2019 (as described in the prerequisites table).

EnsureDR manager setup

1. Log on with the service account you created in advance as described in the prerequisite document
2. Run the EnsureDRSetup.exe file as an administrator on the server you created upfront
3. Choose your data mover type and set a domain user credential that has local administrator rights on the EDRM server
4. Set up the default location for the installation, accept the license, and install the product
5. Wait for the installation to complete, depending on the environment and components, may take a few minutes to complete
6. Save provided link for future access (used in the steps below)
7. When the installation is finished, restart the EDRM server



EnsureDR 4.7.159 Setup

Select your platform and user
User needed to run the EnsureDR services

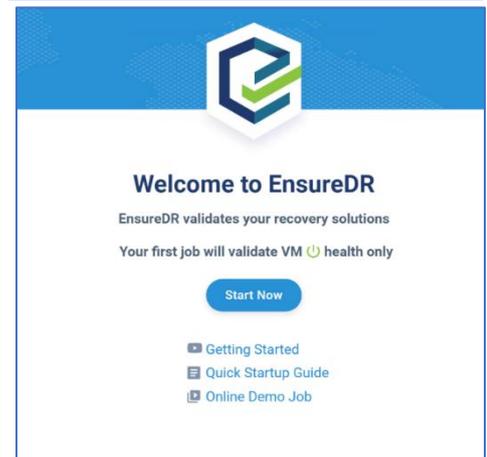
Select your current infrastructure and replication/backup provider
Vmware RecoverPoint

Select a user with sufficient privileges in the domain - preferably a domain admin
Windows Domain User, format is domain/user

Windows Domain Password

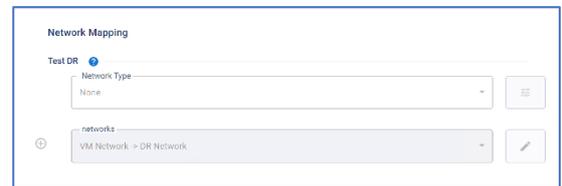
Show password

< Back Next > Cancel



Creating the first job

1. Open the Google Chrome browser and navigate to the link you saved in the previous step
2. A welcome message pops up in the browser, click on "Start Now"
3. Fill in the necessary info in the first step to create the job
 - Enter a job name
 - VMware environment details for source and destination vCenter
 - RP4VM data mover details for source and destination hostname
 - Set the workflow user, domain user with elevated privileges on Windows local servers, and Linux user with proper privileges on servers added to the job
4. On the second step, network configuration, press next
 - Relevant for advanced jobs only
5. For the third step, EnsureDR will fetch data from your RP4VM data mover by collecting the Recovery Plans
 - Select the servers you want to test and click the blue arrow to move those servers to the job list in the right pane
6. Finally, define the e-mail address for the recipient of the report, and set up the job rerun frequency. Now you are ready to execute a job by clicking to "Save & Run" button

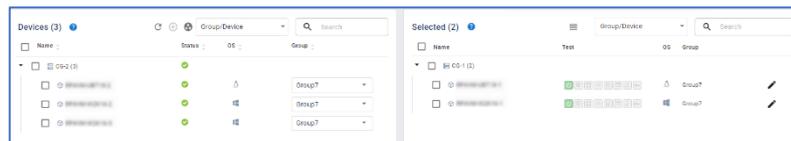


Network Mapping

Test DR

Network Type
None

networks
VM Network -> DR Network

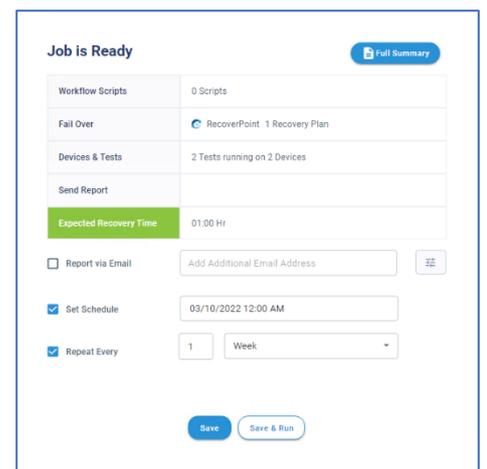


Devices (3)

Name	State	OS	Group
VMware ESX	Green	Linux	Group7
VMware ESX	Green	Linux	Group7
VMware ESX	Green	Linux	Group7

Selected (2)

Name	Type	OS	Group
VMware ESX	Green	Linux	Group7
VMware ESX	Green	Linux	Group7



Job is Ready

Full Summary

Workflow Scripts: 0 Scripts

Fail Over: RecoverPoint - 1 Recovery Plan

Devices & Tests: 2 Tests running on 2 Devices

Send Report

Expected Recovery Time: 01:00 Hr

Report via Email: Add Additional Email Address

Set Schedule: 03/10/2022 12:00 AM

Repeat Every: 1 Week

Save Save & Run