To start replication back to the on-premise machines in preparation for failback, the following steps must be taken:

1. Click the 'FAILOVER' button. Please note that only machines for which you created replicas of will be able to participate in the replication back to on-premise and in the subsequent failback process.

2. After several seconds, the CloudEndure console will change to show the replicas in the machine table and their replication status will show progress of 0.00%.

3. Please note that this step adds an additional network interface to each replica on AWS within the replication servers' subnet. This added network interface will be used for the data replication back to on-premise.

4. At this point, each relevant on-premise machine needs to be rebooted into the CloudEndure bootable failback media:

   a. Download the CloudEndure bootable media from https://s3.amazonaws.com/celivecd/dashboard/livecd-v12.0.5.iso

   b. Insert the bootable media or attach its ISO to each physical/virtual machine and configure the machine to boot into the media.

   c. Reboot the machine into the bootable media.

   d. The bootable media will load CloudEndure's failback software and will try to attain network connectivity via DHCP. If it succeeds, proceed to the next step. Otherwise, please enter your networking configuration manually.

   e. Once the bootable media failback software connects to console.cloudendure.com using outbound port 443, please enter your CloudEndure account's username and password.

   f. Once the username and password are validated, replication to the source machine begins via an outbound connection on port 1500 to the subnet on AWS designated for the replication servers.

   g. The replication status for the machine on the CloudEndure dashboard should start progressing. **Only the data that was modified on the cloud-based replica will be sent back to the source machine.**

   h. If the 'Status' column show a red icon, please check for connectivity issues based on the requirements described above. You may contact support@cloudendure.com for troubleshooting assistance.

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