

**SYSTEM TEST PLAN****Test Type / Name: Data Replication**

Test Information	Testing data replication from primary data center to secondary data center
Date of Testing	1/18/2019
Time Period:	Business Hours and off-business hours
Frequency:	Test Period 2 Weeks
Test Focus:	In VMware and HP Nimble SAN environment, Protect LUNs and individual VM by replicating to replication partner at remote site for DR
Test Objectives:	Protect data on Primary SAN in GDC by replicating to SDC SAN. Test Restore from SDC SAN
Test Details	<ol style="list-style-type: none"><li>1. Created protection policies / schedule to test various scenarios. i.e. replicate every 4 hours, 6 hours. Daily, weekly, retain # of recovery points)</li><li>2. Assign protection policies to individual LUNS, VM and Drives</li><li>3. Verify replication performing as designed</li><li>4. From replication partner perform recovery by<ul style="list-style-type: none"><li>• Attaching LUNS to Host</li><li>• Restoring individual drives</li><li>• Attach drive as new drive</li><li>• Undelete VM - if deleted within last 72 hours</li></ul></li></ol>
Test Components:	Component #1: Protect Storage LUNs
	Component #2: Protect Individual VMs
	Component #3: Protect Individual Drives
System Test Component # 1 (complete for each tested component)	Component: Verified operational functionality of SAN Hardware, Network Connectivity, individual component accessibility from CO as well as from both data centers.
Component Test Participants	Vatsal Desai, Vinay Kosuri, Jacque Cassella
Component Test Confirmation Staff	Vatsal Desai, Vinay Kosuri, Jacque Cassella
Component Test Evaluation Staff	Vatsal Desai, Vinay Kosuri, Jacque Cassella, Tejaswi Nori
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Component Test Main Point of Contact	Vatsal Desai
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System Test Main Point of Contact	Vatsal Desai
System Test Approval Grantor	Saul Mora