



Ticketing service

Replica Plan

DataLab Test Report

Scope: SQL PRODUCTION

Generated: 08/08/2020 18:06, (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna

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Orchestration Plan Report for Ticketing service

Document Information

This is a DataLab Test report for the disaster recovery plan Ticketing service.

This document should be stored in both electronic and printed media, in multiple locations, so that it can be accessed by all staff who require it in the event of an emergency.

The document will be available online in the Veeam Availability Orchestrator (VAO) application. Stakeholders may subscribe in VAO to receive document updates via email.

Plan Information

This document describes the following DR plan -

Plan Name Ticketing service
Plan Description

The contact details for this plan are below -

Plan Contact Name Gabriele Pelizzari
Plan Contact Email
Plan Contact Tel

Plan Contents

This plan contains 2 virtual machines in 1 groups.

Recovery Objectives

Below are the recovery objectives for the plan 'Ticketing service'

Target RTO (hours)	Target RPO (hours)
4 hour(s) 0 minute(s)	48 hour(s) 0 minute(s)

RTO is Recovery Time Objective, which specifies the maximum time before the service is restored after failure.

RPO is Recovery Point Objective, which specifies the maximum loss of historical data after a failure.

Above targets will be checked against the plan test regime. See Test and Readiness Check reports for the results.

VAO Server Information

VAO server details including contact information are below.

Name VAO-Verderio (VAO-SERVER.thegable.internal)
Description DR site - Verderio (Lecco)
Contact Name gabriele pelizzari
Contact Email gabriele.pelizzari@veeam.com
Contact Tel

Overview

Plan Properties

Name	Ticketing service
Description	
Contact Name	Gabriele Pelizzari
Contact Email	
Contact Tel:	
Target RTO	4 hour(s) 0 minute(s)
Target RPO	48 hour(s) 0 minute(s)

Plan Test Schedule

Schedule Name	N/A
Schedule Description	N/A
Schedule Start Time	N/A
Schedule Recurrence	Manual run
DataLab Name	VAO-SERVER\VLAB-VAO

Orchestration Server Properties

Name	VAO-Verderio
Server Name	VAO-SERVER.thegable.internal
Server Version	3.0.0.1770
Description	DR site - Verderio (Lecco)
Contact Name	gabriele pelizzari
Contact Email	gabriele.pelizzari@veeam.com
Contact Tel:	

Scope Properties

Scope Name	SQL PRODUCTION
Scope Description	

Veeam Orchestrator License

License Status	✓ Licensed
Instances	20
Expiration Date	20/07/2021 (346 days remaining)
License Type	NFR
License ID	
License To	HPE Italiana srl
Package	Orchestrator
Support ID	

Document Settings and Distribution

Document Template	Veeam Default Template
Template Description	This is an example template, and should be cloned and customized to your requirements
Report Filter Options	All details
VAO Version	3.0.0.1770
Time zone	(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
Email address #1	None

Summary

Overall Result	Issue Count
[!] Warning	6 Warnings

Execution Details

Item	Details
Run/Scheduled By	VBR (THEGABLE\VBR)
Restore Point	Use the latest Restore Point
DataLab Name	VAO-SERVER\VLAB-VAO
DataLab Resources	Host 192.168.16.13, datastore datastore1
Start Time	08/08/2020 18:06:26, (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
End Time	08/08/2020 18:06:27, (UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna
Start State	Not Verified
End State	Warning
Duration (HH:mm:ss)	00:00:01

Licensing

Result	Check	Details
[i] Info	Licensing - Summary	4 of 20 license instances used
✓ Success	Licensing - Usage	2 licenses are used in this plan
✓ Success	Licensing - Expiry	The license will expire in 346 days.
✓ Success	Licensing - Exceeded	The license limit is not exceeded on the VAO server.

RPO

Result	Check	Details
[i] Info	RPO	Target RPO is 48:00 (HH:mm)
✗ Error	Target RPO Met	No
✗ Error	VMs not meeting RPO	2 VM(s) failed RPO
✗ Error	Worst RPO failure	No recovery points located for 2 VM(s)

RTO

Result	Check	Details
[i] Info	RTO	Target RTO is 04:00 (HH:mm)
[i] Info	Duration	Test duration was 00:00:01 (HH:mm:ss)
✓ Success	Target RTO Met	RTO achieved

DataLab Initialization

Result	Lab Group	Start Time	End Time	Duration (HH:mm:ss)
✓ Success	Start DataLab Appliance	17:57:19	17:58:21	00:01:02
✓ Success	SQL-Produzione-3.0 - SQL-Name	17:58:21	18:06:24	00:08:03

Plan Groups

Result	Plan Group	Start Time	End Time	Duration (HH:mm:ss)
✓ Success	Pre-Plan Steps	18:06:26	18:06:26	00:00:00

Result	Plan Group	Start Time	End Time	Duration (HH:mm:ss)
[!] Warning	SQL-Produzione-3.0 - SQL-Name	18:06:27	18:06:27	00:00:00
✓ Success	Post-Plan Steps	18:06:27	18:06:27	00:00:00

DataLab Initialization

Start DataLab Appliance

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Result	Start Time	End Time	Duration (HH:mm:ss)
✓ Success	17:57:19	17:58:21	00:01:02

Timestamp	Details
17:57:19	Waiting for infrastructure availability...
17:57:19	Preparing DataLab 'VLAB-VAO' on server 'VAO-SERVER'...
17:57:25	Starting DataLab
17:57:25	DataLab name: VLAB-VAO, platform: VMware
17:57:25	DataLab host: 192.168.16.13, redo datastore: HDD-700GB
17:57:26	Getting DataLab configuration
17:57:31	Starting DataLab routing engine
17:58:19	DataLab is ready to use
17:58:21	DataLab appliance powered on successfully

Group SQL-Produzione-3.0 - SQL-Name

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VM Group Members

Result	VM Name	Start Time	End Time	Duration (HH:mm:ss)
✓ Success	Domain	17:58:21	18:06:24	00:08:03
✓ Success	SQL-Server	17:58:21	18:04:54	00:06:33

VM Domain

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Step Results and Duration

Result	Step	Start Time	End Time	Duration (HH:mm:ss)
✓ Success	Check VM license and availability	17:58:21	17:58:21	00:00:00
✓ Success	Process Replica VM	17:58:21	18:05:39	00:07:18
✓ Success	Check VM Heartbeat	18:05:39	18:06:24	00:00:45

Check VM license and availability

Timestamp	Details
17:58:21	The VM is licensed.
17:58:21	Waiting for VM availability...
17:58:21	VM is ready for processing

Process Replica VM

Timestamp	Details
17:58:21	Step 'Process Replica VM' execution started. Plan mode = Tested
17:58:21	The VAO Agent running on the Veeam Backup & Replication server VAO-SERVER is Healthy
17:58:21	Source vCenter is online
17:58:21	Information on the source VM is found in the VeeamONE database
17:58:21	Execution attempt 1 of 3
17:58:21	Retrieving restore points from the Veeam Backup & Replication server
17:58:23	Valid restore point found
17:58:23	Recovery VM located in Veeam job [Current] Replication-SQL (Replication) on VAO-SERVER
17:58:23	The Replica VM has been located
17:58:23	vCenter that contains replica VM is online
17:58:40	Connecting VM to DataLab's isolated network
17:59:05	The VM is being prepared to start
17:59:08	Starting VM...
17:59:11	Powering on VM Domain_replica on host VCSA-DR
17:59:19	Waiting for VM to boot
18:05:13	VM was started successfully
18:05:38	Successfully added the IP address 192.168.16.111 to the list of VM IP addresses
18:05:39	Step 'Process Replica VM' execution finished

Check VM Heartbeat

Timestamp	Details
18:05:39	Step 'Check VM Heartbeat' execution started
18:05:39	Execution attempt 1 of 1
18:05:39	Connecting to the vCenter Server VCSA-DR
18:05:49	Poll 1: The VM Heartbeat check completed successfully
18:05:59	Poll 2: The VM Heartbeat check completed successfully
18:06:09	Poll 3: The VM Heartbeat check completed successfully
18:06:19	Poll 4: The VM Heartbeat check completed successfully
18:06:19	VM Heartbeat checked successfully
18:06:24	Step 'Check VM Heartbeat' execution finished

VM SQL-Server

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Step Results and Duration

Result	Step	Start Time	End Time	Duration (HH:mm:ss)
✓ Success	Check VM license and availability	17:58:21	17:58:21	00:00:00
✓ Success	Process Replica VM	17:58:21	18:04:08	00:05:47
✓ Success	Check VM Heartbeat	18:04:08	18:04:54	00:00:46

Check VM license and availability

Timestamp	Details
17:58:21	The VM is licensed.

Timestamp	Details
17:58:21	Waiting for VM availability...
17:58:21	VM is ready for processing

Process Replica VM

Timestamp	Details
17:58:21	Step 'Process Replica VM' execution started. Plan mode = Tested
17:58:21	The VAO Agent running on the Veeam Backup & Replication server VAO-SERVER is Healthy
17:58:21	Source vCenter is online
17:58:21	Information on the source VM is found in the VeeamONE database
17:58:21	Execution attempt 1 of 3
17:58:21	Retrieving restore points from the Veeam Backup & Replication server
17:58:23	Valid restore point found
17:58:23	Recovery VM located in Veeam job [Current] Replication-SQL (Replication) on VAO-SERVER
17:58:23	The Replica VM has been located
17:58:23	vCenter that contains replica VM is online
17:58:39	Connecting VM to DataLab's isolated network
17:59:04	The VM is being prepared to start
17:59:07	Starting VM...
17:59:10	Powering on VM SQL-Server_replica on host VCSA-DR
17:59:18	Waiting for VM to boot
18:03:57	VM was started successfully
18:04:08	Successfully added the IP address 192.168.16.114 to the list of VM IP addresses
18:04:08	Step 'Process Replica VM' execution finished

Check VM Heartbeat

Timestamp	Details
18:04:08	Step 'Check VM Heartbeat' execution started
18:04:08	Execution attempt 1 of 1
18:04:08	Connecting to the vCenter Server VCSA-DR
18:04:19	Poll 1: The VM Heartbeat check completed successfully
18:04:29	Poll 2: The VM Heartbeat check completed successfully
18:04:39	Poll 3: The VM Heartbeat check completed successfully
18:04:49	Poll 4: The VM Heartbeat check completed successfully
18:04:49	VM Heartbeat checked successfully
18:04:54	Step 'Check VM Heartbeat' execution finished

Pre-Plan Steps

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Result	Step	Start Time	End Time	Duration (HH:mm:ss)
✓ Success	License Check	18:06:26	18:06:26	00:00:00

License Check

Timestamp	Details
18:06:26	The license will expire in 346 days.
18:06:26	The license limit is not exceeded on the VAO server.
18:06:26	All VMs in the plan are licensed

VM Groups

Group SQL-Produzione-3.0 - SQL-Name

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VM Group Members

Result	VM Name	Start Time	End Time	Duration (HH:mm:ss)
[!] Warning	Domain	18:06:27	18:06:27	00:00:00
[!] Warning	SQL-Server	18:06:27	18:06:27	00:00:00

VM Domain

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Step Results and Duration

Result	Step	Start Time	End Time	Duration (HH:mm:ss)
[!] Warning	Check VM license and availability	18:06:27	18:06:27	00:00:00
[!] Warning	Process Replica VM	18:06:27	18:06:27	00:00:00
[!] Warning	Check VM Heartbeat	18:06:27	18:06:27	00:00:00
[!] Skipped	Send Email			Not run.

Check VM license and availability

Timestamp	Details
18:06:27	The VM is licensed.
18:06:27	Waiting for VM availability...
18:06:27	[Warning] VM is already testing

Process Replica VM

Timestamp	Details
18:06:27	[Warning] VM is already testing

Check VM Heartbeat

Timestamp	Details
18:06:27	[Warning] VM is already testing

Send Email

Timestamp	Details
18:06:26	Skipped as plan is in test mode

VM SQL-Server

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Step Results and Duration

Result	Step	Start Time	End Time	Duration (HH:mm:ss)
[!] Warning	Check VM license and availability	18:06:27	18:06:27	00:00:00
[!] Warning	Process Replica VM	18:06:27	18:06:27	00:00:00
[!] Warning	Check VM Heartbeat	18:06:27	18:06:27	00:00:00
[!] Skipped	Send Email			Not run.

Check VM license and availability

Timestamp	Details
18:06:27	The VM is licensed.
18:06:27	Waiting for VM availability...
18:06:27	[Warning] VM is already testing

Process Replica VM

Timestamp	Details
18:06:27	[Warning] VM is already testing

Check VM Heartbeat

Timestamp	Details
18:06:27	[Warning] VM is already testing

Send Email

Timestamp	Details
18:06:26	Skipped as plan is in test mode

Post-Plan Steps

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Result	Step	Start Time	End Time	Duration (HH:mm:ss)
<i>No data</i>				