DRaaS using Microsoft Azure ASR

"We are running SAP in our VMware environment and were looking for a cost-effective DR solution. We evaluated couple of DR solution from other vendors but none of them could setup a DR for our SAP server.

Finding the right partner to help make this goal a reality was key. The smart and experienced team at Mismo Systems has helped us in setting up the DR using Azure Site Recovery which seems to be one of the best DR solution in the market currently.

Cost of the DR solution(ASR) is minimal, and we get charged for compute only when we do a failover."

Team Lead – IT Operations

Overview

Our Client is a leading energy and engineering solutions company offering a range of products and services that help Clients effectively meet their energy needs in a safe and sustainable manner.

Business Requirement

Our Client is running a SAP Solution which serves more than 1500 users, spread across various geographical location. The SAP server is hosted as a virtual machine on their on-premise VMware based virtualized environment.

Our Client wanted to have a cost-effective Disaster Recovery solution in place for the SAP server which can provide business continuity in case of disaster.

Client's IT team had evaluated couple of DR solutions from different vendors but could not setup DR successfully.

Client's IT team decided to involve a vendor who can assess their existing infrastructure, understand the requirement and then propose a DR solution that works.

They also wanted to test the solution before finalizing it.

Solution

Mismo Systems started the engagement with understanding the Client's business needs and expectations from the proposed solution.

After initial assessment and requirement gathering, Mismo team proposed Azure Site Recovery (ASR) as a DR solution.

Azure Site Recovery can protect Microsoft Hyper-V, VMware and physical servers, and can use Azure or secondary on-premise datacenter as a recovery site. Site Recovery coordinates and manages the ongoing replication of data by integrating with existing technologies including System Center and Microsoft SQL Server Always On.

Approach

Mismo team did setup of an Azure tenant for Client, created a Recovery Service Vault and completed other prerequisites. A Management server was deployed on-premise and then SAP VM, which is running on VMware environment was protected.

Outcomes

Mismo team along with Client's IT team successfully Implemented the DR solution for the SAP using Azure Site Recovery (ASR).

Mismo team prepared a deployment document of the DR solution as well and shared it with Client's IT team.

Client's IT & business teams are satisfied with the functionality and cost of the DR solution. They do regular 'no impact' testing on their own. The USP of the solution were low cost, reliability, security and ease of use.

About Mismo

Mismo Systems is an IT infrastructure services company, focused and specialist in delivering solutions and services on Microsoft products and technologies. We are a Microsoft partner and cloud solution provider. Our objective is to help small, mid-sized as well as global enterprises to transform their business by using innovation in IT, adopting to the latest technologies and using IT as an enabler for business to meet business goals and continuous growth. With focused and experienced management, strong team of IT Infrastructure professionals, we can deliver value by making IT Infrastructure a robust, agile, secure and cost-effective service to business.