



Infrassist
Helping MSPs Scale

Case Study

AD Server Restructure and Domain Remediation



Client:
AigleSoft and Axiom



Industry:
Automation

About Client

"AigleSoft" is the Authorized Distributor for inductive Automation, Canary Labs, and flow software for the Southern African industrial software market.

Overview

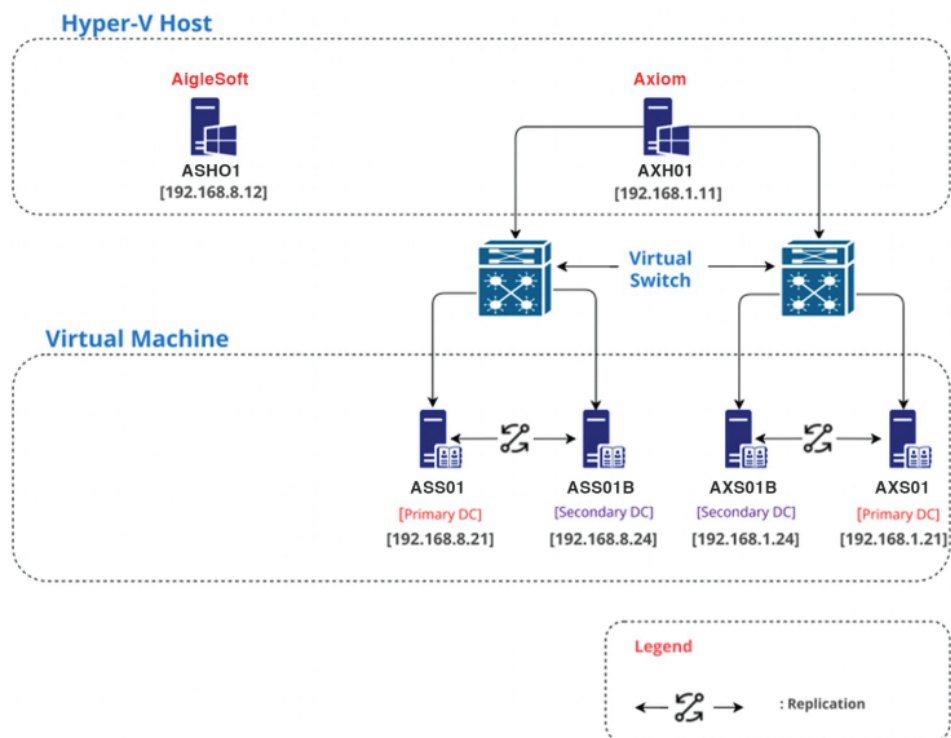
There are two separate organizations namely, AigleSoft and Axiom. AigleSoft on-premise server runs domain controller, DHCP & DNS whereas Axiom runs Hyper-V host with the domain controller. DHCP & DNS are installed on VM and configured additional VM to work as secondary DC. Now AigleSoft wants to move their Domain controller, DNS & DHCP role to Axiom by creating new virtual machines under the Axiom Hyper-V host with an additional VM (Secondary DC) to replicate the AigleSoft domain controller and decommission their existing AigleSoft Hyper-V host.

Technical Challenges

The New AigleSoft Domain controller which was created under Axiom Hyper-V Host was not taking Valid IP ranges. Later we found, that the issue was, due to the VLAN configured on Axiom. Then as remediation, we added new VLAN with the required IP range to assign AigleSoft domain controller VM.

Solution

successful, seamless implementation and configuration of AD Restructure and domain remediation.



The following procedures were carried out for Domain Remediation.

- Gain VPN Access for AigleSoft to connect remote servers.
- Created a new Virtual machine under Axiom Hyper-V host and installed Active directory, DHCP & DNS services into it.
- Moved FSMO, DNS & DHCP role from AigleSoft Hyper-V host to new VM and decommissioned old server and set up replication from AigleSoft new DC to Secondary DC.
- To validate, we cross-checked with client that user devices are pointing to new DC via NS lookup command.
- Similarly, Axiom had already 2 virtual machines in place with DC and DNS role. So, we moved FSMO role from existing VM to requested VM.

Technologies Used



Accomplishment

- Successful implementation of AD Restructure and Domain remediation.
- The implementation led to minimizing downtime, maximizing operations, and keeping restoration as quick and simple as possible.

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