

Windows Server 2008 in Colocated Environment

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We are planning a test environment running Windows Server 2008 64-bit servers in a colocation facility. I need some advice as to domain controller and DNS configuration as I am used to hosting these services within our own offices. If someone can answer, it would be greatly appreciated.

The following is our goal:

1. To have a front-end server running a website via IIS, Commerce Server via a Hyper-V vm, OCS Edge Server via a Hyper-V vm, and an Exchange Edge Server running on the local server.

2. Have a back-end server running OCS 2007 via a Hyper-V vm, Exchange Server 2007 mail server.

1. If the colocation facility is providing DNS (external facing), how should these servers be configured?

a. Should I create the back-end server as a primary DC creating a new forest and domain, company.com, and have the mailboxes and SIP (OCS) accounts located there running its own internal DNS (i.e. 10.1.1.1 - 10.1.1.x)

b. Should I configure the front-end server as a DC, part of the company.com forest/domain above, so that it can connect to the OCS and Exchange Server via the 10.1.1.x network and then use the external physical NICs (there are 4 physical NICs on this server) pointing to the static Public IP addresses that the colocation provider assigns?

My confusion is that I'm not sure if we have to create the internal server on a separate domain like corp.company.com or if it should create the company.com forest / domain because the colocation provider will be managing the external facing DNS.

Thanks for making this as clear as mud.

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