# Case Study 1

**CloudPortalhub**

**Overview**

**Existing Environment**

* cloudportalhub is a consulting firm. They currently have their domain cloudportalhub.com hosted in their on-premise Active Directory.
* The consulting firm has many departments such as Logistics, HR, Finance
* Currently Web administrators are responsible for deploying and promoting web applications onto On-premise environment

**Network Infrastructure**

They currently have 2 main offices in Location-A and Location-B. Each office has a dedicated connection to the Internet through high speed links.

**Requirements**

**Planned Changes**

* The consulting firm now wishes to provision a new Azure AD tenant.
* They want to sync their on-premise AD users onto Azure AD
* There is a suspicion that some users have UPN's that are not supported in Azure AD
* A new office is going to be launched in Location C

**Planned Azure Networking Infrastructure**

* Separate Virtual Networks are going to be setup in each Location – Location-A ,Location-B and Location-C

The below table shows the configuration

|  |  |  |
| --- | --- | --- |
| Virtual Network | Location | Subnets |
| VNETA | Location-A | SubnetA1 and SubnetA2 |
| VNETB | Location-B | SubnetB1 |
| VNETC | Location-C | SubnetC1 and SubnetC2 |

* VNETA would be connected to the on-premise environment using VPN gateways
* A peering connection is going to be setup between VNETA and VNETC
* You plan to create a private DNS zone named cloudportal.local and set the registration network to VNETC

**Other requirements**

* Web administrators will deploy Azure web apps for the marketing department. Each web app will be added to a separate resource group. The initial configuration of the web apps will be identical.
* The web administrators have permission to deploy web apps to resource groups.
* During the testing phase, auditors in the finance department must be able to review all Azure costs from the past week.