**Overview**

In this exercise you will be looking to setup and configure a secondary DomainController in the Azure Landing Zone Vnet in a domaincontrollerSubnet

**Considerations**

* Is the subnet currently available?
* How will domainController2 VM communicate with Hyper-V domain controller?
  + What is required for communication?
  + Virtual Network DNS?

URLs to assist with DC promotion & sites/services

<https://www.systemsitpro.com/2017/03/how-to-deploy-promote-and-configure.html>

<https://www.systemsitpro.com/2017/03/how-to-deploy-secondary-domain.html>

<http://www.rebeladmin.com/2015/02/how-to-setup-active-directory-sites-subnets-site-links/>

**Tasks**

1. Deploy blank VM called DC2 using Terraform/DevOps Pipeline into landing zone VM

* Deploy with no Public IP
* Access only from Hyper-V host

1. Communication/connectivity to Hyper-V VMs
2. Test connectivity between new deployed VM and current DC in Hyper-V
3. Promote to Secondary Domain Controller
4. Setup Domain sites and services so only Azure vNet communicates with DomainController2
5. Set VNET DNS for newly promoted DC

**Exercise completion**

1. Blank template VM deployed via Terraform/DevOps Pipeline landing zone
2. Successful DC Promo of DomainController2
3. Successful setup of domain sites and services