Pipeline ETL Procedure

The instructions below outline the required steps for customizing a LZ (Landing Zone) pipeline deployment. After completing all documented steps, a number of terraform files will be generated based off the IP information extracted from the architecture configuration sheet. These IP addresses will be used to build the underline network infrastructure in the LZ and a number of other baseline infrastructure components.

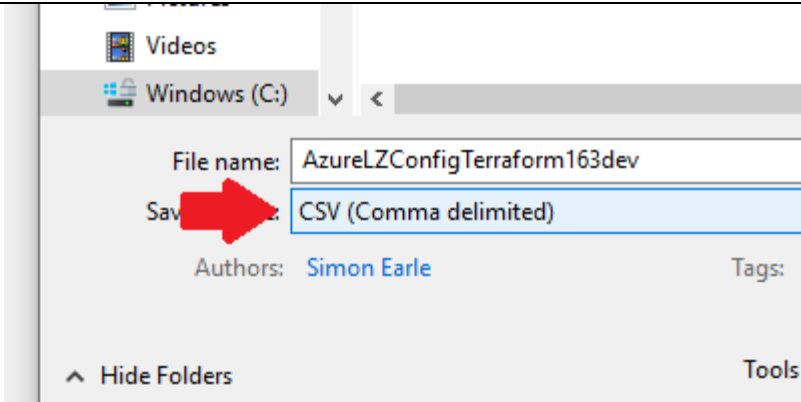The following files are needed to complete the procedure:

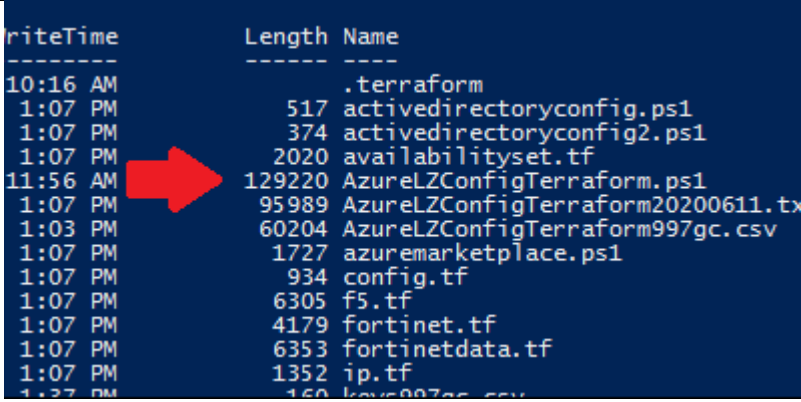- Architecture Configuration Sheet
- Terraform LZ Template (and Keys)
- AzureLZConfigTerraform.ps1

STEP 1	UPDATE SUBSCRIPTION IDS
Notes: Found at line 15	
STEP 2	UPDATE TAGS
Notes: Found at line 19	

STEP 3	UPDATE VIRTUAL NETWORK IPS		
Notes: Found at line 37 (VNET-SNET)	;deployment=`azure-lz-iac-2020-05-27`;		
	# vnet virtual ne must end in vnet to be detected	Vnet IP Block	Resource Group
	LzDcCNR-Dev_PAZ-vnet	172.17.224.0/20	LzDc-Network_Dev-rg
	LzDcCNR-Dev-vnet	172.17.64.0/20	LzDc-Network_Dev-rg
	LzPcCNR-Core-vnet	172.16.0.0/20	LzPc-Network_Core-rg
	LzPcCNR-MRZ-vnet		LzPc-Network_Core-rg

STEP 4	UPDATE SUBNET IPS		
Notes: Found at line 44 (VNET-SNET)	LzPcCNR-MRZ-vnet	172.16.32.0/20	LzPc-Network_Core-rg
	LzPcCNR-Prod_PAZ-vnet	172.16.224.0/20	LzPc-Network_Prod-rg
	LzPcCNR-Prod-vnet	172.16.64.0/20	LzPc-Network_Prod-rg
	# snet subnets ; d in snet to be detected	Subnet IP	Resource Group
	LzDcCNR-Dev_PAZ-App-snet	172.17.225.0/24	LzDc-Network_Dev-rg
	LzDcCNR-Dev_PAZ-FE-snet		LzDc-Network_Dev-rg

STEP 5	UPDATE ROUTE TABLES			
Notes: Found at line 91 (User Def Routing)	od-Pres	yes	LzPc-PBMM Production	Lz
	PcCNR-MRZ-SEC-snet .html	MRZ-SEC	yes	Lz
	route name	address prefix	Next hop IP address	N
	DcCNR-Dev_PAZ-rt- CoreF5_Transit_Inter et-route	0.0.0.0/0	172.16.1.10	Vi
	DcCNR-Dev_PAZ-rt-			Vi

STEP 6	UPDATE VIRTUAL MACHINES NICS		
Notes: Found at line 166 (Baseline VMs)	LzPcADC-F5VM02-nic1;LzPcADC-F5VM02-nic2;LzPcADC-F5VM02-nic3	standard_f8s	LzPcSWAF5VM02
	subnet_id	**private_ip_address**	**private_ip_address_allocation**
	LzPcCNR-MRZ-INF-snet	172.16.33.10	static
	LzPcCNR-MRZ-INF-snet	172.16.33.11	static

STEP 7	UPDATE FORTINET FIREWALL		
Notes: Found at line 190 (N/A)	LzPcFWL-FGVM02	LzPc-Security_Core-rg	LzPc-PBMM Core
	LzPcFWL-FGVM02	LzPc-Security_Core-rg	LzPc-PBMM Core
	iguration values		
	variable name	**variable value**	**rules continue?**
	fgt_vm_name	LzPcFWL-FGVM01	yes
	fgt_license_file	${path.module}/Fortinet_Configuration/FGVM08TM20003979.lic	yes
	fgt_ha_peerip	azurerm_network_interface.LzPcFWL-FGVM01-nic2.ip_configuration[0	yes

STEP 8	UPDATE LOAD BALANCERS		
Notes: Found at line 296 (Baseline VMs)	**private_ip_addr ation**	**private_ip_address**	**snet full name**
	static	172.16.1.10	LzPcCNR-Core-Transit-snet
	null	null	null
	static	172.16.1.20	LzPcCNR-Core-Transit-

STEP 9	CONVERT TO .CSV
Notes: Convert to .csv	
STEP 10	RUN POWERSHELL SCRIPT
Notes: AzureLZConfigTerraform	
STEP 11	RUN TERRAFORM
Notes: Terraform Init/plan/apply	