EKS Network v1

* Security Group for Application Load balancer
  + Ingres
    - 80, 443
  + Egress
    - 0
* AWS Public Load Balancer
* ALB listener for HTTP
* ALB listener for HTTPs
* ALB Listener HTTPS Additional Certificates
* Security Group for Network Load Balancer
  + Ingres
    - 80, 443
  + Egress
    - 0
* Network Load Balancer Dynamic IP Address (EIP) for all three zone
* Create Network Load Balancer
* Target Group between NLB & ALB (HTTP)
* NLB & ALB Attachment via Target Group (HTTP)
* NLB Listener (HTTP)
* Target Group between NLB & ALB (HTTPS)
* NLB & ALB Attachment via Target Group (HTTPS)
* NLB Listener HTTPS
* NLB Listener TLS
* Create the Rules to be defined in WAF
  + Allow List for IPV4 and IPV6 addreses
  + Block Bad Bot IPV4 and IPV6 addresses
  + Block Denied List for IPV4 and IPV6 addresses
  + Block Reputation List IPV4 and IPV6 addresses
  + Block Scanners/Probes IPV4 and IPV6 addresses
* Adding the rule json
  + AWSManagedRulesCommonRuleSet
    - NoUserAgent\_HEADER
    - UserAgent\_BadBots\_HEADER
    - SizeRestrictions\_QUERYSTRING
    - SizeRestrictions\_Cookie\_HEADER
    - SizeRestrictions\_BODY
    - SizeRestrictions\_URIPATH
    - EC2MetaDataSSRF\_BODY
    - EC2MetaDataSSRF\_COOKIE
    - EC2MetaDataSSRF\_URIPATH
    - EC2MetaDataSSRF\_QUERYARGUMENTS
    - GenericLFI\_QUERYARGUMENTS
    - GenericLFI\_URIPATH
    - RestrictedExtensions\_URIPATH
    - RestrictedExtensions\_QUERYARGUMENTS
    - GenericRFI\_QUERYARGUMENTS
    - GenericRFI\_BODY
    - GenericRFI\_URIPATH
    - CrossSiteScripting\_COOKIE
    - CrossSiteScripting\_QUERYARGUMENTS
    - CrossSiteScripting\_BODY
    - CrossSiteScripting\_URIPATH
  + PublicWhitelistRule
    - PublicWhitelistRule
    - PublicBlacklistRule
    - PublicHttpFloodRateBasedRule
    - PublicScannersAndProbesRule
    - PublicIPReputationListsRule
    - PublicBadBotRule
    - PublicSqlInjectionRule
    - PublicAllowMultipartFormData
    - PublicAllowBasedOnUrl
    - PublicXssRule
* AWS wafv2 web acl association
* Output variables
  + aws\_security\_group.alb\_sg,
  + aws\_alb.alb,
  + aws\_eip.nlb\_dynamic\_ip\_az\_a,
  + aws\_eip.nlb\_dynamic\_ip\_az\_b,
  + aws\_eip.nlb\_dynamic\_ip\_az\_c,
  + aws\_alb.nlb,
  + aws\_wafv2\_web\_acl.wafv2\_Public