Network Load Balancer requires one certificate per TLS connection to encrypt traffic between client & NLB , & forward decrypted traffic to target servers. Using AWS Certificate Manager is a preferred option, as these certificates are automatically renewed on expiry.

Network Load Balancer uses a smart certificate selection algorithm with support for Server Name Indication (SNI). If the hostname provided by a client matches a single certificate in the certificate list, the load balancer selects this certificate. If a hostname provided by a client matches multiple certificates in the certificate list, the load balancer selects the best certificate that.

Network Load Balancer do not support certificates with RSA bits higher than 2048 bits.

AWS Managed Blockchain network , when any new member is created, a unique Id is assigned to these members. For any transaction between these members, each member should use following format; “ResourceID.MemberID.NetworkID.managedblockchain.AWSRegion.amazonaws.com:PortNumber”.