

TRANSFORM  
TOMORROW  
TOGETHER

# Network Architecture for EKS Deep Dive

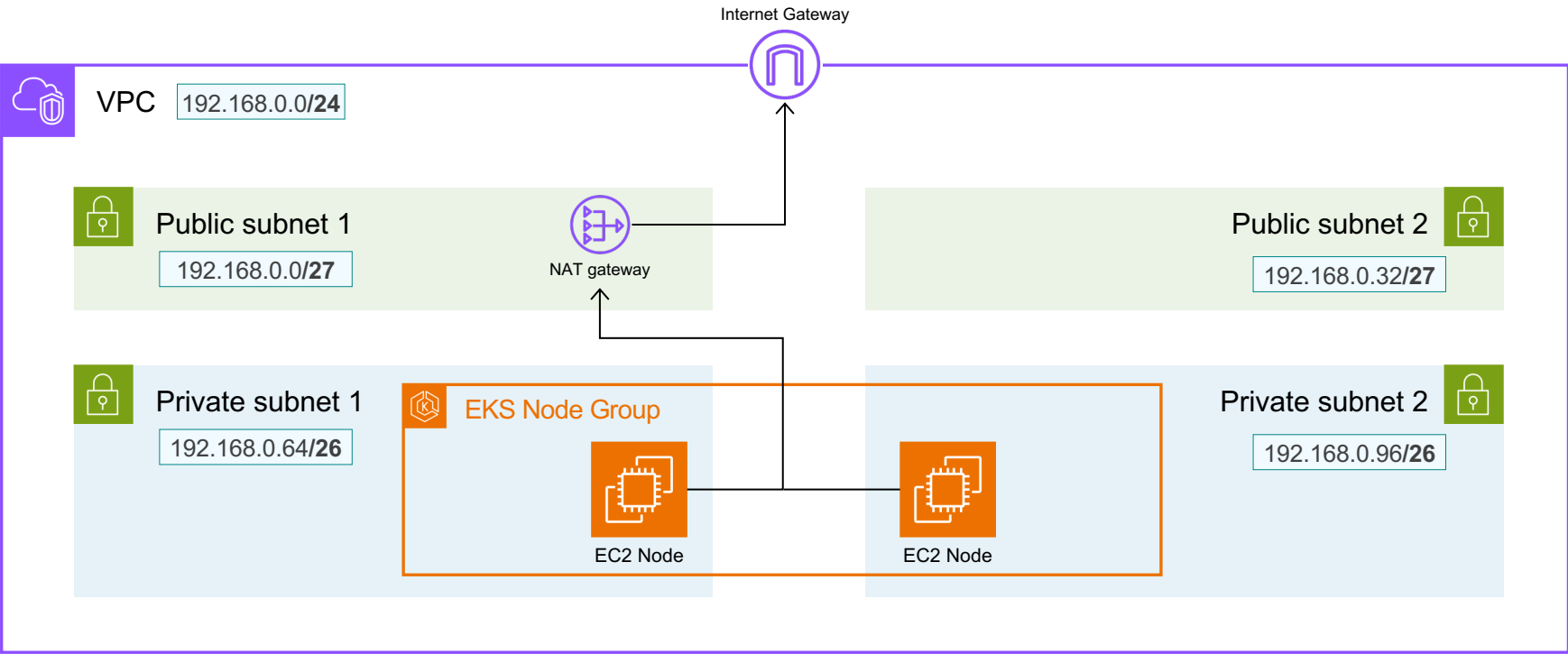
## Specialty Service Unit

April. 2025

# Contents

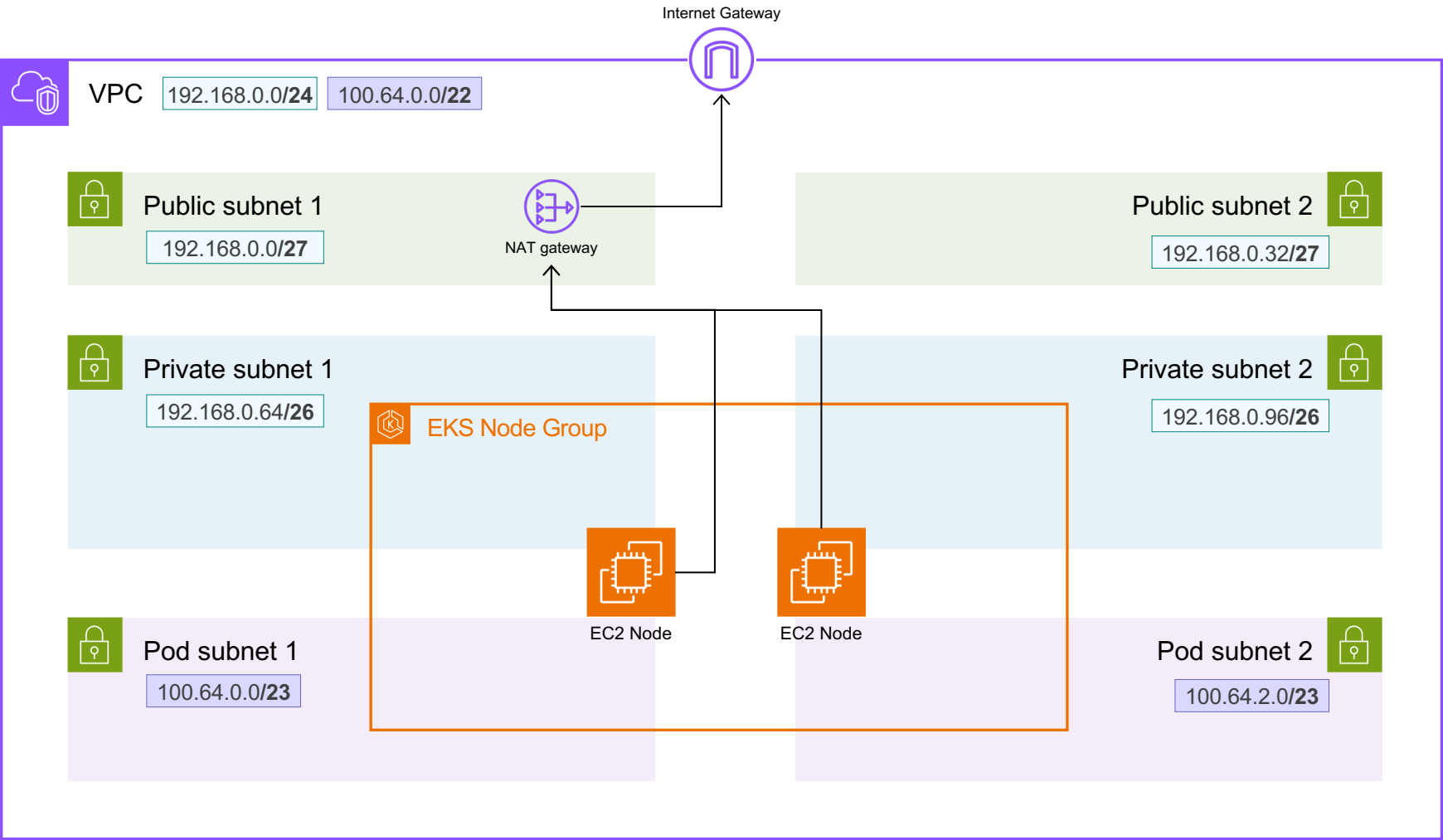
1. General Network Architecture
2. Network Architecture for EKS  
Custom networking

# 1. General Network Architecture



CIDR		
Prefix	IP Count	AWS (IP-5)
/27	32	27
/26	64	59
/24	256	251
/23	512	507
/22	1,024	1,019

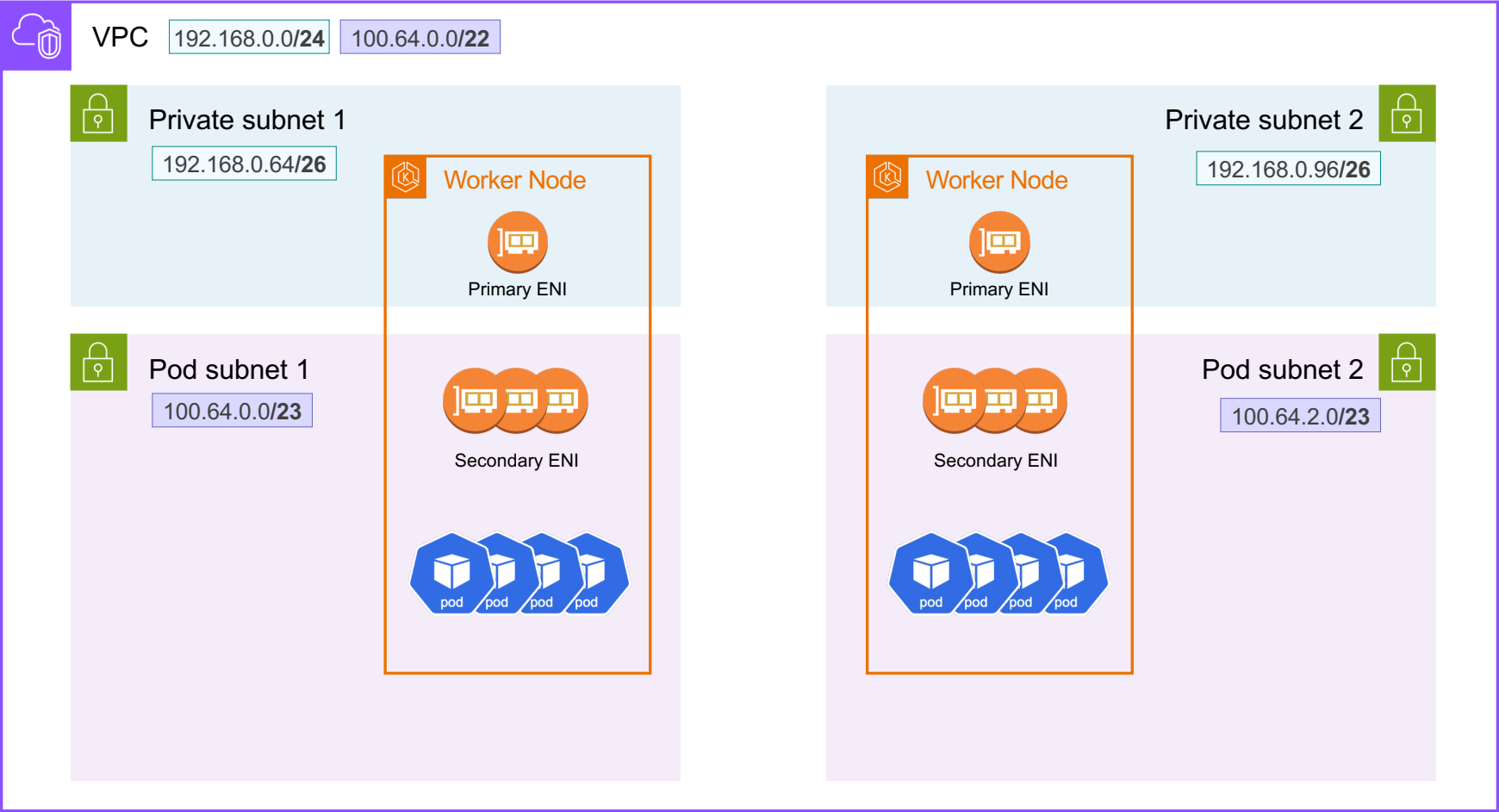
# 2. Network Architecture for EKS custom networking



CIDR		
Prefix	IP Count	AWS (IP-5)
/27	32	27
/26	64	59
/24	256	251
/23	512	507
/22	1,024	1,019



# 3. VPC CNI – Custom Networking



CIDR		
Prefix	IP Count	AWS (IP-5)
/27	32	27
/26	64	59
/24	256	251
/23	512	507
/22	1,024	1,019

The background is a dark blue gradient. It features several glowing, translucent blue lines that appear to be flowing or dripping from the top, creating a sense of motion. These lines are set against a backdrop of faint, intricate circuit board patterns, including various traces, pads, and circular components, which are also rendered in a lighter blue tone. The overall aesthetic is high-tech and digital.

Thank you