

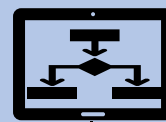
Application Plane



Firewall
App



Network
App

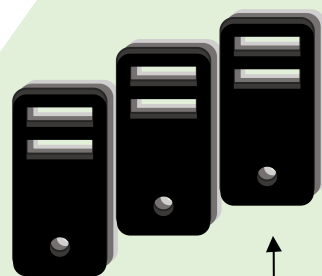


Monitoring
App



APIs

Control Plane



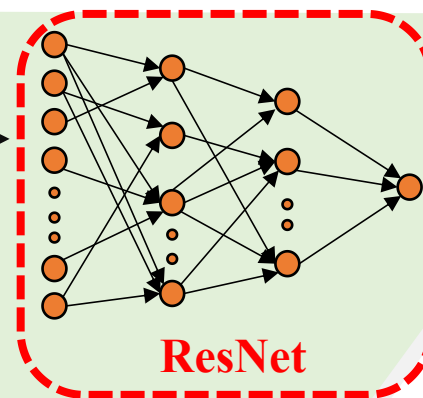
SDIN Controller

Data
Preprocessing

Grayscale
Images



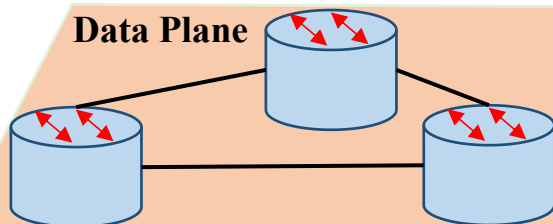
Classification for
Network Intrusion Detection



ResNet

Control plane - Data plane Interface

Data Plane



Infrastructure Plane

