Virtual Switch Platform X

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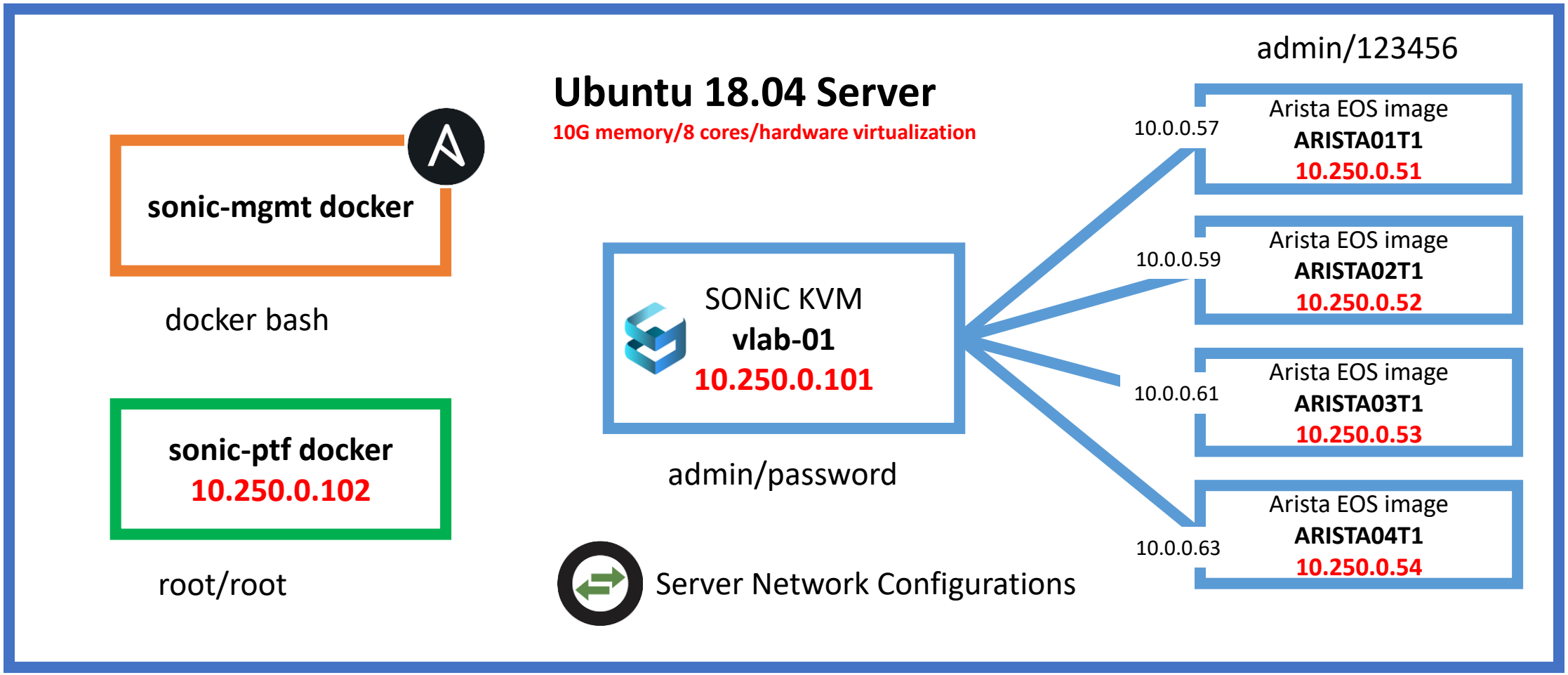
Virtual Environment



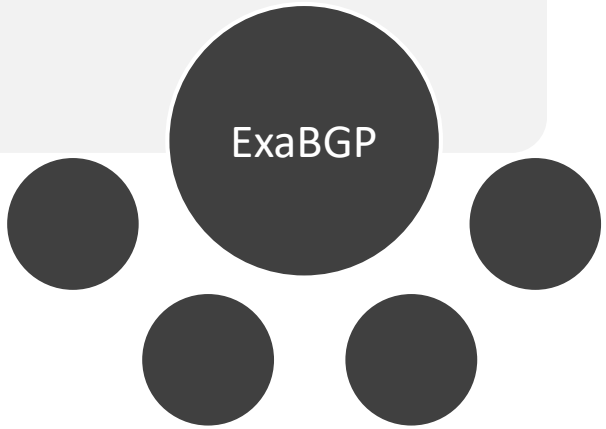
Motivation

FLEXIBILITY

EOS SONiC IOS JUNOS

Support X - NOS

Unify Route Emulation Framework



Challenge
EXTENSIBILITY

Ansible

- Create specific templates for SONiC peer
- Support peer selections based on the type – SONiC/EOS/etc.

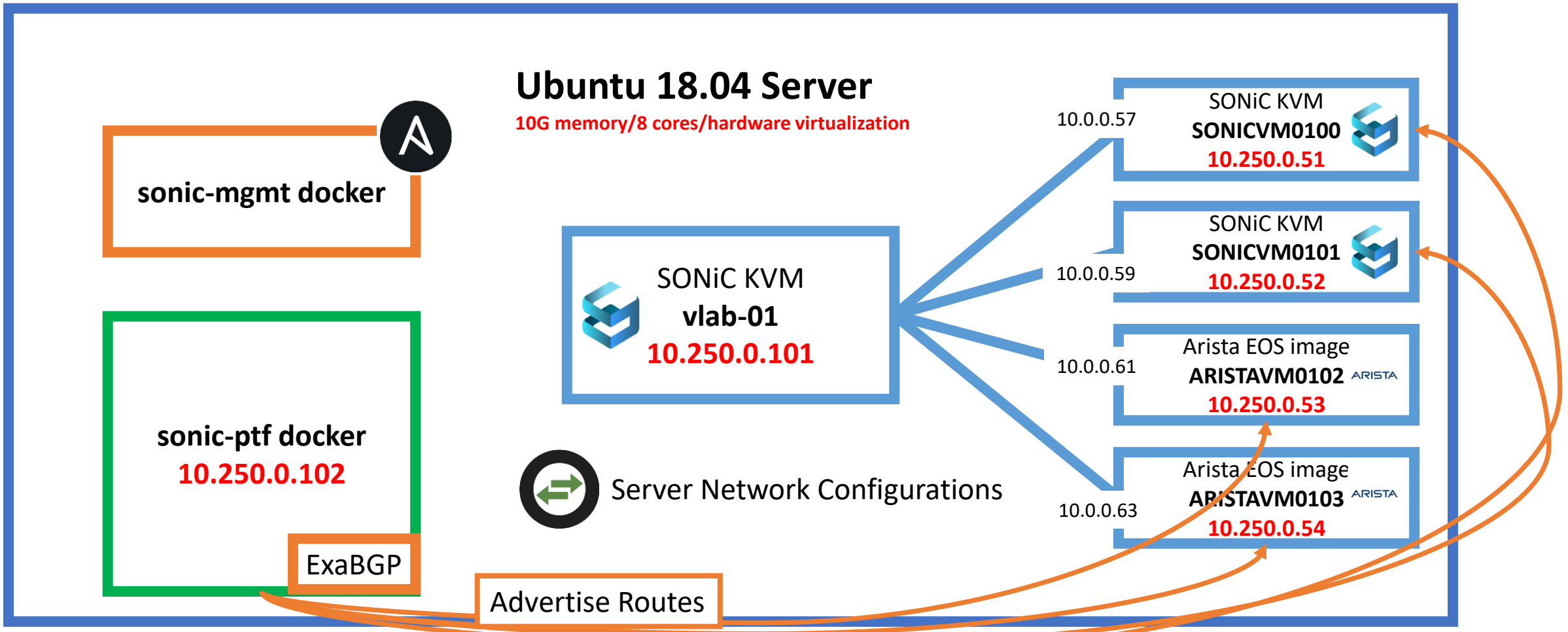
SONiC

- Create specific configuration for peer
- Learn routes from ExaBGP and advertise to DUT

ExaBGP

- Install ExaBGP and simulate production routes

Virtual Environment



Thanks