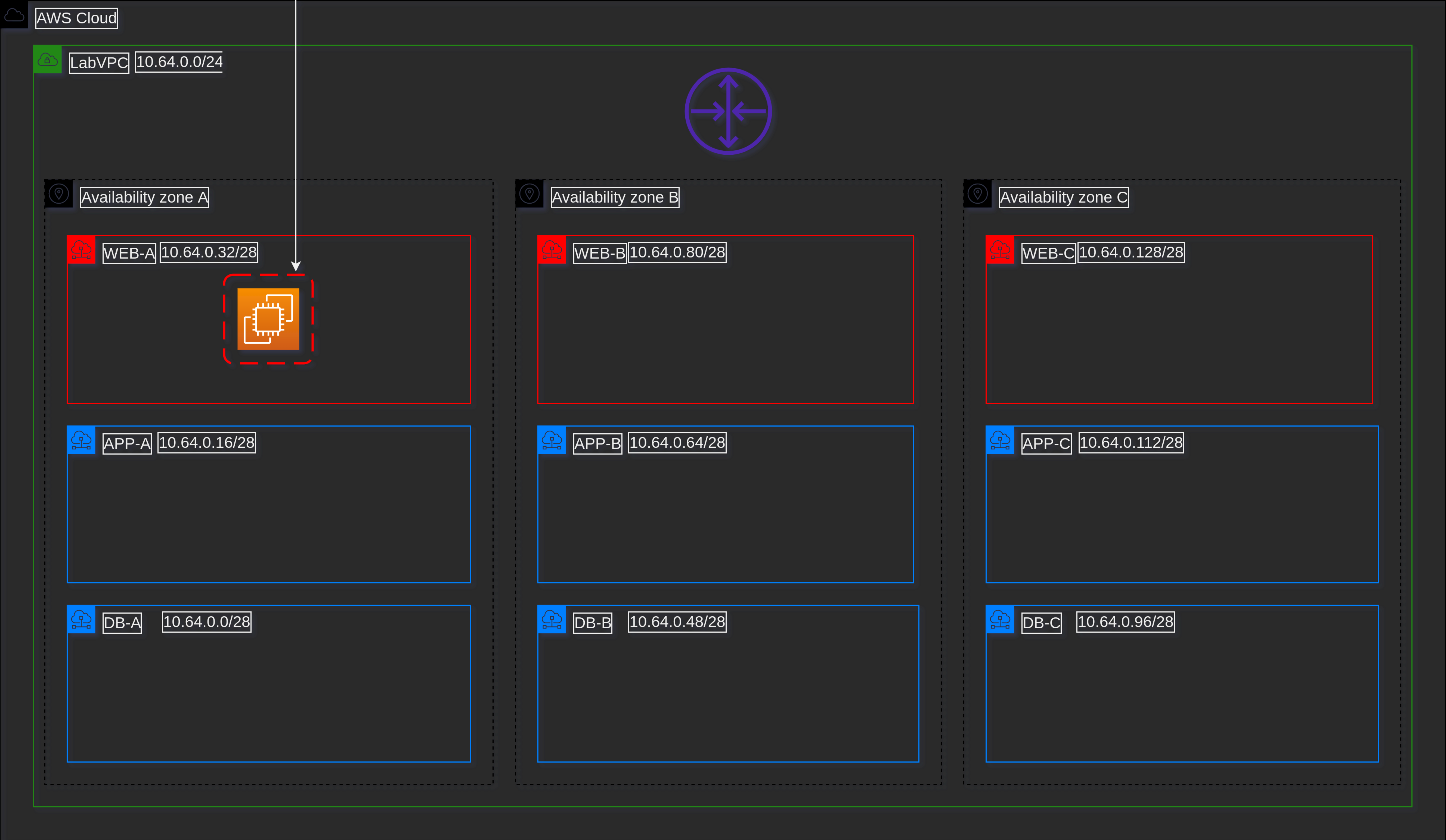
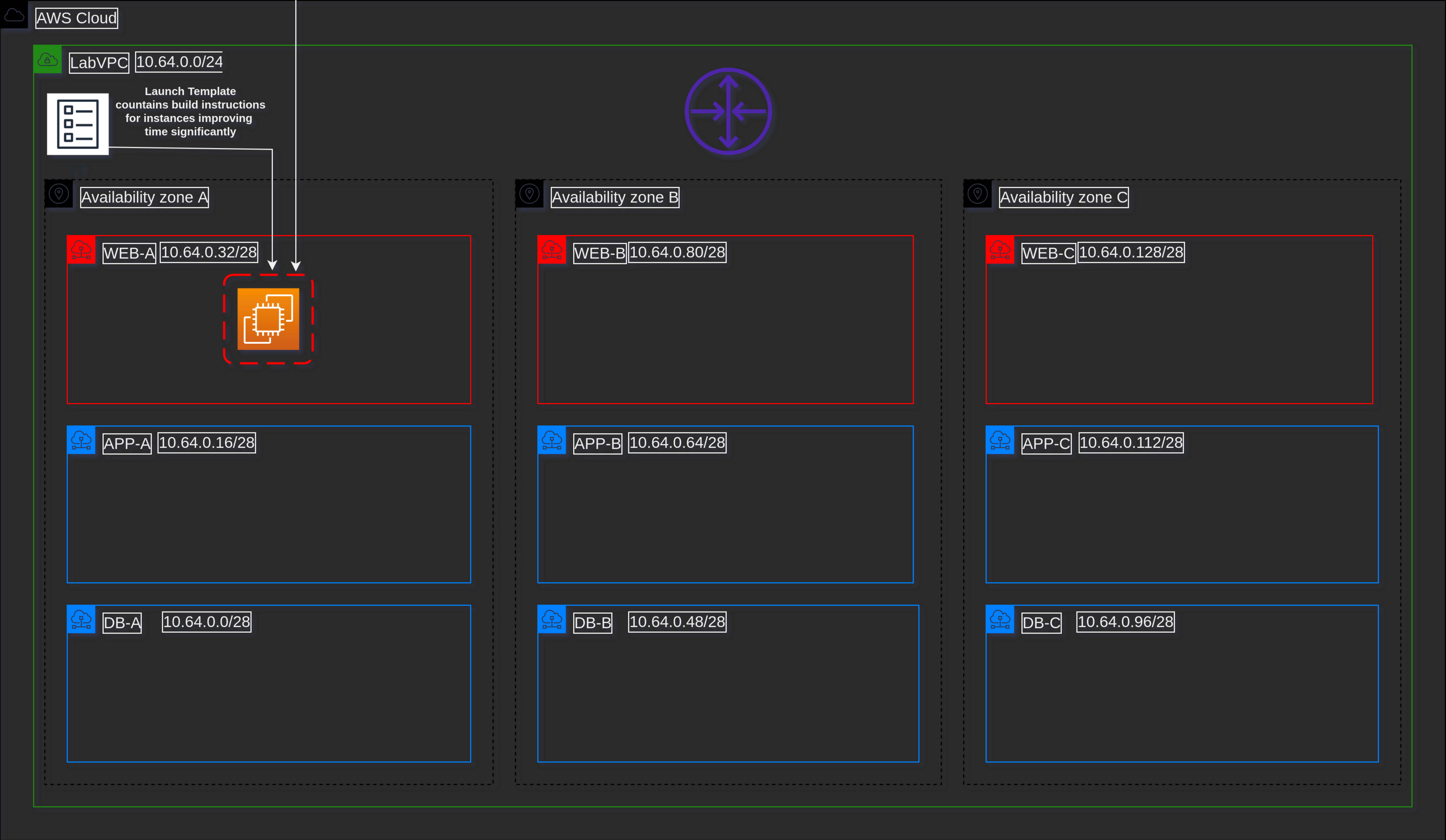


Connection  
via EC2 IP



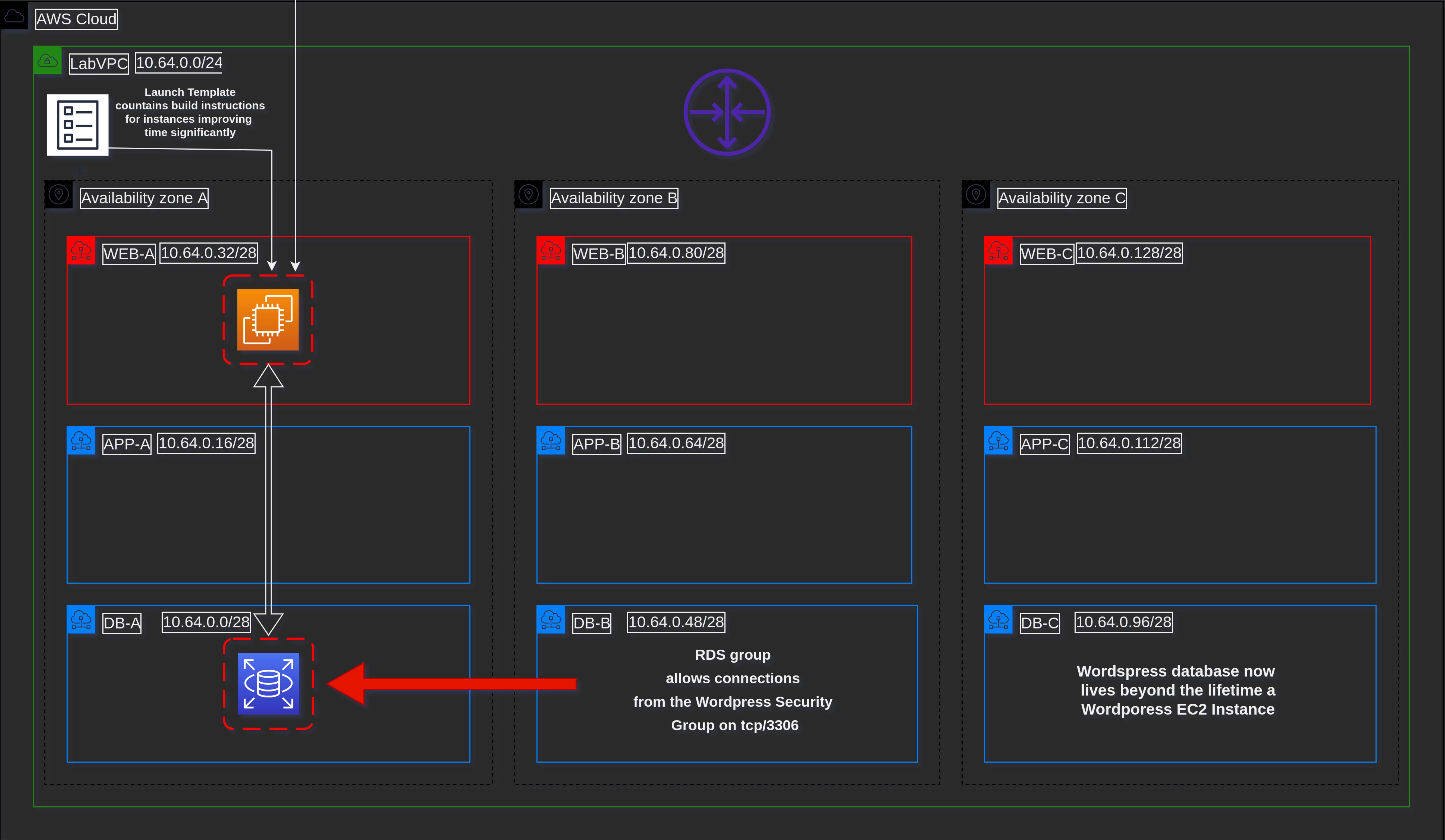


Connection  
via EC2 IP





Connection  
via EC2 IP

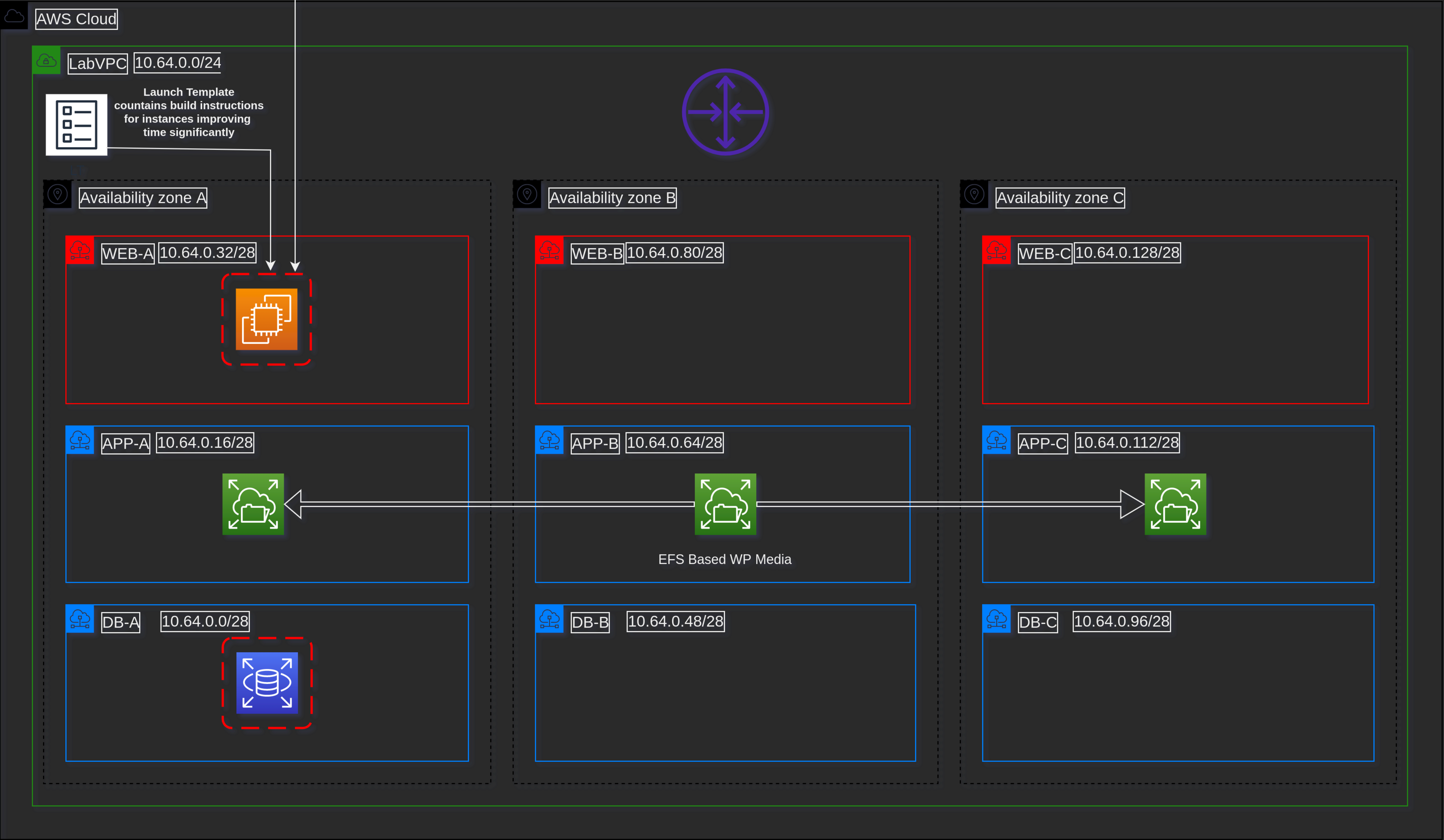




Connection  
via EC2 IP



Moving media to EFS allows  
new instance to access the  
same set of data







Launch Template  
contains build instructions  
for instances improving  
time significantly

AWS Cloud

LabVPC 10.64.0.0/24

Connection via ALB DNS

Wordpress is fixed to  
use **ELB DNS**,  
as its **WP\_HOME** and  
**WP\_SITEURL**



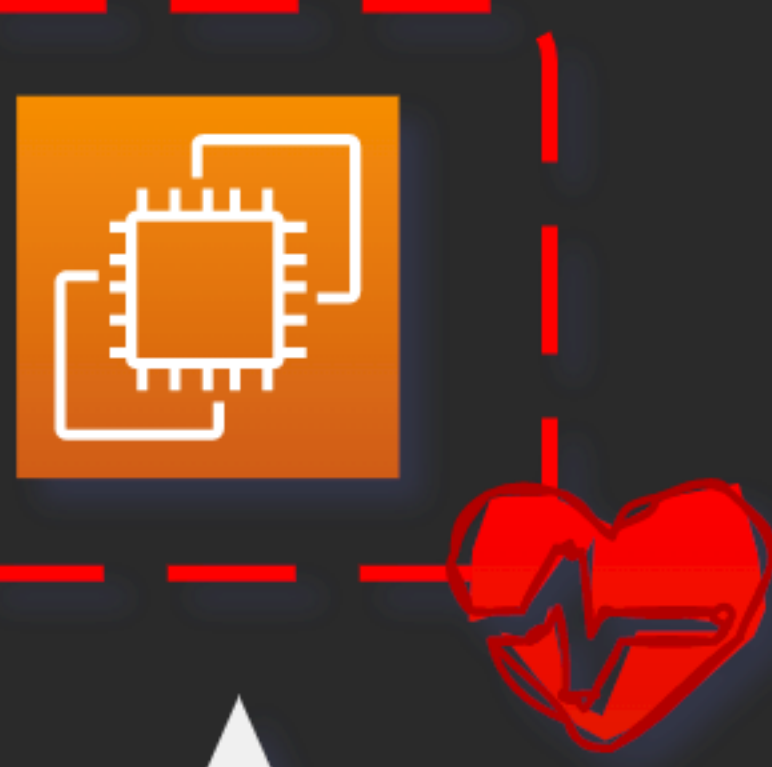
Customer Entry point  
is the **ELB DNS name**.  
Connections are  
abstracted from  
individual instances

Availability zone A

WEB-A 10.64.0.32/28



Auto Scaling



APP-A 10.64.0.16/28

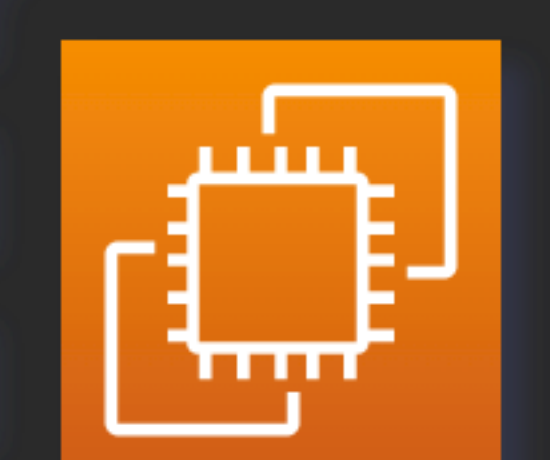


DB-A 10.64.0.0/28



Availability zone B

WEB-B 10.64.0.80/28



APP-B 10.64.0.64/28



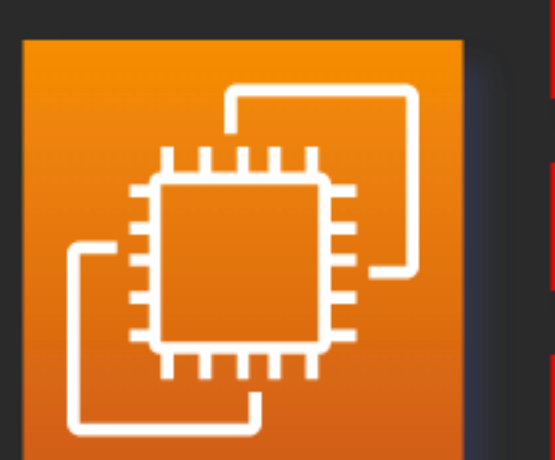
DB-B 10.64.0.48/28

Instances are Health checked by ELB,  
which replaces the instances when a  
failure occurs



Availability zone C

WEB-C 10.64.0.128/28



APP-C 10.64.0.112/28



DB-C 10.64.0.96/28

EFS Based WP Media





Launch Template  
contains build instructions  
for instances improving  
time significantly

Connection via ALB DNS

RDS is replaced with  
Aurora cluster, adding  
resilience,  
performance, and  
feature benefits

