

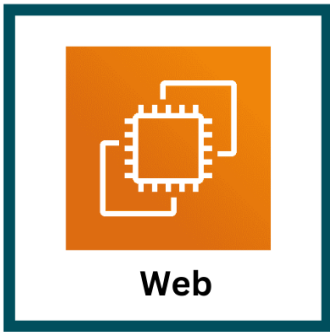


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Introduction

1 Before Prefix List



Security\_Group\_1

Allow Port 80  
192.168.10.0/24  
192.168.20.0/24  
172.16.0.0/16  
172.18.0.0/16  
10.0.0.0/8  
15.15.15.15/32



Security\_Group\_2

Allow Port 3306  
192.168.10.0/24  
192.168.20.0/24  
172.16.0.0/16  
172.18.0.0/16  
10.0.0.0/8  
15.15.15.15/32



Security\_Group\_3

Allow Port 2049  
192.168.10.0/24  
192.168.20.0/24  
172.16.0.0/16  
172.18.0.0/16  
10.0.0.0/8  
15.15.15.15/32

Subtopic

2 After Prefix List



Security\_Group\_1  
Allow Port 80  
From  
My\_Custom-Prefix



Security\_Group\_2  
Allow Port 3306  
From  
My\_Custom-Prefix



Security\_Group\_3  
Allow Port 2049  
From  
My\_Custom-Prefix

My\_Custom-Prefix

192.168.10.0/24  
192.168.20.0/24  
172.16.0.0/16  
172.18.0.0/16  
10.0.0.0/8  
15.15.15.15/32

Subtopic

3 A managed prefix list is a set of one or more CIDR blocks.

4 You can create a prefix list from the IP addresses that you frequently use, and reference them as a set in security group rules and routes instead of referencing them individually.

5 You can reference a prefix list With

- 1 VPC security groups
- 2 Subnet route tables
- 3 Transit gateway route tables
- 4 AWS Network Firewall rule groups
- 5 Amazon Managed Grafana network access control

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Types Of Prefix List

1 Customer-managed prefix lists

- 1 Sets of IP address ranges that you define and manage.
- 2 You can share your prefix list with other AWS accounts
- 3 prefix list supports a single type of IP addressing only (IPv4 or IPv6)
- 4 A prefix list applies only to the Region where you created it.

2 AWS-managed prefix lists

- 1 Sets of IP address ranges for AWS services
- 2 You cannot create, modify, share, or delete an AWS-managed prefix list.

3 List Of AWS-managed prefix lists

AWS service	Prefix list name	Weight
Amazon CloudFront	com.amazonaws.global.cloudfront.origin-facing	55
Amazon DynamoDB	com.amazonaws.region.dynamodb	1
AWS Ground Station	com.amazonaws.global.groundstation	5
Amazon Route 53	com.amazonaws.region.ipv6.route53-healthchecks	25
	com.amazonaws.region.route53-healthchecks	25
Amazon S3	com.amazonaws.region.s3	1
Amazon VPC Lattice	com.amazonaws.region.vpc-lattice	10
	com.amazonaws.region.ipv6.vpc-lattice	10

Subtopic