



VPC limits Sheet

Resource	Default	Comments
VPC Per Region	5	The quota for internet gateways per Region is directly correlated to this one. Increasing this quota increases the quota on internet gateways per Region by the same amount.
Subnet Per VPC	200
Internet gateways per Region	5	This quota is directly correlated with the quota on VPCs per Region. To increase this quota, increase the quota on VPCs per Region. Only one internet gateway can be attached to a VPC at a time.
Route tables per VPC	200	The main route table counts toward this quota.

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Elastic IP	5	This is the quota for the number of Elastic IP addresses for use in EC2-VPC.
NAT gateways per Availability Zone	5	A NAT gateway in the pending, active, or deleting state counts against your quota.
Network ACLs per VPC	200	You can associate one network ACL to one or more subnets in a VPC.
Rules per network ACL	20	This quota can be increased up to a maximum of 40;

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VPC Security Group	2500	This quota applies to individual AWS account VPCs and shared VPCs.
Inbound or outbound rules per security group	60	You can have 60 inbound and 60 outbound rules per security group (making a total of 120 rules).
Snapshot per region	10000	

EC2 : On-Demand Instances

- By default, AWS has a limit of 20 instances per region. This includes all instances set up on your AWS account.
- There is a limit on the number of running On-Demand Instances per AWS account per Region.
- On-Demand Instance limits are managed in terms of the number of virtual central processing units (vCPUs) that your running On-Demand Instances are using, regardless of the instance type.

On-Demand Instance limit name	Default vCPU limit
Running On-Demand All Standard (A, C, D, H, I, M, R, T, Z) instances	1152 vCPUs
Running On-Demand All F instances	128 vCPUs
Running On-Demand All G instances	128 vCPUs
Running On-Demand All Inf instances	128 vCPUs
Running On-Demand All P instances	128 vCPUs
Running On-Demand All X instances	128 vCPUs

NACL

NACL also adds an additional layer of security associated with subnets that control both inbound and outbound traffic at the subnet level.

Maximum number of rules that exist per NACL: 20

Maximum number of rules that can exist per Security Group: 50

Maximum number of Security Groups that can exist per instance: 5

Maximum number of rules that can exist per instance: $5 * 50 + 20 = 270$