

AWS Networking Cheat Sheet

by MedAzizTousli via cheatography.com/196332/cs/41244/

Definitions	
VPC	Private network within AWS
Subnet	Private/Public sub network within VPC

Security			
Network Firewall	Security of VPC		
Network Access Control List	Security of Subnet (Stateless. Allow + Deny rules)		
Security Groups	Security of EC2 (Stateful. Allow rules only)		
Shield	Security of Application (Layer 3/4)		
Web Application Firewall	Security of Application (Layer 7)		

Internet Connectivity			
Internet Gateway	Connect VPC to Internet		
NAT Gateway	Connect Private Subnet to Internet (AWS Managed)		
NAT Instance	Connect Private Subnet to Internet (Self Managed)		

Private Connectivi	•9				
VPC Peering	Connect VPC to VPC privately				
Transit Gateway	Connect multiple VPCs				
PrivateLink	Connect VPC to AWS services privately				
	VPC Endpoint Gateway		S3, DynamoDB		
	VPC Endpoint Interface		Rest of AWS services		
Hybrid Connectivit	у				
Direct Connect	nnect on-premises to VPC privately				
VPN					
Site VP		Connect on-premises to VPC publicly			
	•	Customer Gateway	Within on-pre- mises		
	-	/irtual Private Gateway	Within VPC		
Clie	ent VPN (Connect users to VPC publicly			



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Page 1 of 1.

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