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Cloud NAT

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NAT Gateway settings	Name
Nat Mapping: Select which subnets to map to the NAT gateway	shinehub-cluster-cloud-nat
Nat Mapping: Select which subnets to map to the NAT gateway Source(internal): The subnetworks to map to the NAT gateway. Your selection may depend on what kind of instance you're using: Primary IP addresses are used by Compute Engine VM instances Secondary IP addresses are used by Kubernetes Engine container pods NAT IP Addresses: The set of source public IP addresses that should be used when performing NAT.	shinehub-cluster-cloud-nat VPC network shinehub-cluster-network Region australia-southeast1 Cloud Router shinehub-cluster-cloud-router NAT mapping Source (internal) Select which subnets to map to the NAT gateway. Primary IP addresses are used by VM instances and secondary IP addresses are used by container pods. Learn more Custom IP ranges Subnet name
NAT Advance configuration	Advanced configurations
Minimum Port per vm By default, a VM instance has 64 ports, which means it can open 64 connections to the same destination IP and port. A VM instance can open up to 64,000 connections across all protocols. Enable endpoint independent mapping:	Stackdriver logging Export Cloud NAT logs to Stackdriver No logging Translation and errors Translation only Errors only Minimum ports per VM instance

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Enabling Endpoint-Independent Mapping may impact the number of concurrent outgoing connections ✓ Enable Endpoint-Independent Mapping **UDP**: The UDP idle connection timeout (in seconds). The default value is 30 seconds. Timeouts for protocol connections UDP 🕝 30 seconds TCP established 🔞 TCP transitory (1) 1200 seconds seconds ICMP @ seconds 30 A Hide advanced configurations Cancel Gcloud gcloud compute routers nats create NAT_CONFIG ♪ \ **Useful points** --router=**NAT_ROUTER /** \ --nat-all-subnet-ip-ranges \ 1. --nat-external-ip-pool=IP_ADDRESS1 /, IP_ADDRESS2 / 2. 3. 4. Replace the following: 5. NAT_CONFIG: the name of your NAT configuration . NAT_ROUTER: the name of your Cloud Router IP_ADDRESS1: a static reserved external IP address to use for NAT IP_ADDRESS2: another static reserved external IP address to use for NAT