

Details:

1) Configure cluster settings, such as the cluster name(**isec6000-secureddevops-project-t1**), location (**us central1**), and node pool (default)

Configuration and choose desired Kubernetes version(default).

The screenshot shows the Google Cloud console interface for the 'ISEC 6000 First project'. The main navigation menu on the left includes Clusters, Workloads, Services & Ingress, Applications, Secrets & ConfigMaps, Storage, Object Browser, Migrate to Containers, Backup for GKE, Security Posture, Config & Policy, and Marketplace. The 'Clusters' section is selected, and the cluster 'isec6000-secureddevops-project-t1' is highlighted. The cluster status is 'Ready' (indicated by a green checkmark). The 'DETAILS' tab is active, showing the following information:

Cluster basics		
Name	isec6000-secureddevops-project-t1	🔒
Location type	Regional	🔒
Region	us-central1	🔒
Default node zones	us-central1-b us-central1-c us-central1-f us-central1-a	✎
Release channel	Regular channel	🔧 UPGRADE AVAILABLE
Version	1.27.3-gke.100	
External endpoint	34.30.33.202	✎
Internal endpoint	10.128.0.10	🔒

Below the table, there is a section for 'Authentication' which is partially visible.

Secrets & ConfigMaps

Storage

Object Browser

Migrate to Containers

Backup for GKE

Security Posture

Config & Policy















Automation

Maintenance window	Any time	
Maintenance exclusions	None	
Notifications	Disabled	
Vertical Pod Autoscaling	Enabled	
Node auto-provisioning (Autopilot mode)	Enabled	
Auto-provisioning network tags		
Autoscaling profile	Optimize utilization	

Networking

Private cluster	Disabled	
Control plane global access	Disabled	
Network	default	
Subnet	default	
Stack type	IPv4	
Private control plane's endpoint subnet	default	
VPC-native traffic routing	Enabled	
Pod IPv4 address range (default)	10.36.0.0/17	
Cluster Pod IPv4 ranges (additional)	None	
IPv4 service range	34.118.224.0/20	
Intranode visibility	Enabled	
HTTP Load Balancing	Enabled	
Subsetting for L4 Internal Load Balancers	Disabled	
Control plane authorized networks	Disabled	
Calico Kubernetes Network policy	Disabled	
Dataplane V2	Enabled	
DNS provider	Cloud DNS (cluster scope)	
NodeLocal DNSCache	Enabled	
















Security

Binary authorization	Disabled	
Shielded GKE nodes	Enabled	
Confidential GKE Nodes	Disabled	
Application-layer secrets encryption	Disabled	
Boot disk encryption	Google-managed	
Workload Identity	Enabled	
Workload identity namespace	deft-smile-396802.svc.id.goog	
Google Groups for RBAC	Disabled	
Legacy authorization	Disabled	
Basic authentication	Disabled	
Client certificate	Disabled	
Security posture 	Enabled	
Workload vulnerability scanning 	Enabled	

Metadata

Description	None	
Labels	None	
Tags 	None	

Features

Logging	System, Workloads View Logs	
Cloud Monitoring	System View GKE Dashboard	
Managed Service for Prometheus	Enabled	
Cloud TPU	Disabled	
Kubernetes alpha features	Disabled	
Cost Allocation	Disabled	
GKE usage metering 	Disabled	
Backup for GKE	Disabled 	
Config Connector	Disabled	
Compute Engine persistent disk CSI Driver	Enabled	
Image streaming	Enabled	
Filestore CSI driver	Enabled	
Anthos Service Mesh	Disabled	







2) Created a Kubernetes cluster name “isec6000-secureddevops-project-t1” in ISEC6000 first project.

Google Cloud

ISEC 6000 First project

Search (/) for resources, docs, products, and more

Search



Kubernetes Engine

Workloads

Services & Ingress

Applications

Secrets & ConfigMaps

Storage

Object Browser

Migrate to Containers

Backup for GKE

Security Posture

Config & Policy

Config

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Marketplace

Release Notes

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Kubernetes clusters

CREATE

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Filter

Enter property name or value

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Status	Name ↑	Location	Mode	Number of nodes	Total vCPUs	Total memory	Notifications	Labels
<input type="checkbox"/> 	isec6000-secureddevops-project-t1	us-central1	Autopilot		0	0 GB		–