

## SOLUTION BRIEF

# APPNETA

## CMP - GCP Monitoring Point

### KEY BENEFITS

#### Rapid Monitoring Deployment

Gain immediate visibility into cloud environments to isolate issues fast.

#### Dynamic GCP Visibility

Understand how traffic flows between apps, virtual networks, and users as it changes.

#### Enhanced End-User Experience

Identify and address network and application performance issues, before users are affected.

#### External Insight into Apps

Monitor end-user performance from different key GCP regions and zones.

## At A Glance

The AppNeta Container-based Monitoring Point (CMP) - GCP is software that runs in a Docker container. It supports Delivery/Experience monitoring up to 1 Gbps. It is typically deployed on GCP in one of the following scenarios:

#### Monitoring from a remote region

The CMP - GCP is deployed in GCP in a region where you have users but where you can't deploy at their locations. User experience can then be measured from that region to your critical applications.

#### Monitoring to a GCP-based app

The CMP - GCP is deployed in the same Virtual Private Cloud (VPC) as your critical applications. It is used as a target when monitoring network performance from remote regions or sites. It can also be used to measure baseline user experience to your applications.

The CMP - GCP is deployed using Docker Compose. Keep in mind:

- The CMP - GCP does not have a Web UI. Instead, management of the CMP - GCP container is performed using Docker Compose commands.
- Capacity measurements can be influenced by networking on the host, kernel version on the host, other containers sharing the host.
- When targeting a CMP - GCP, use dual-ended monitoring.

Host Requirements	GCP
OS	Linux
Environment	Docker Engine 18.06.0+ Docker Compose file format 2.4
CPU	e2-medium (2 vCPUs) x86/64 architecture
RAM	4 GB
Storage	min 20 GB Balanced Persistent Disk



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