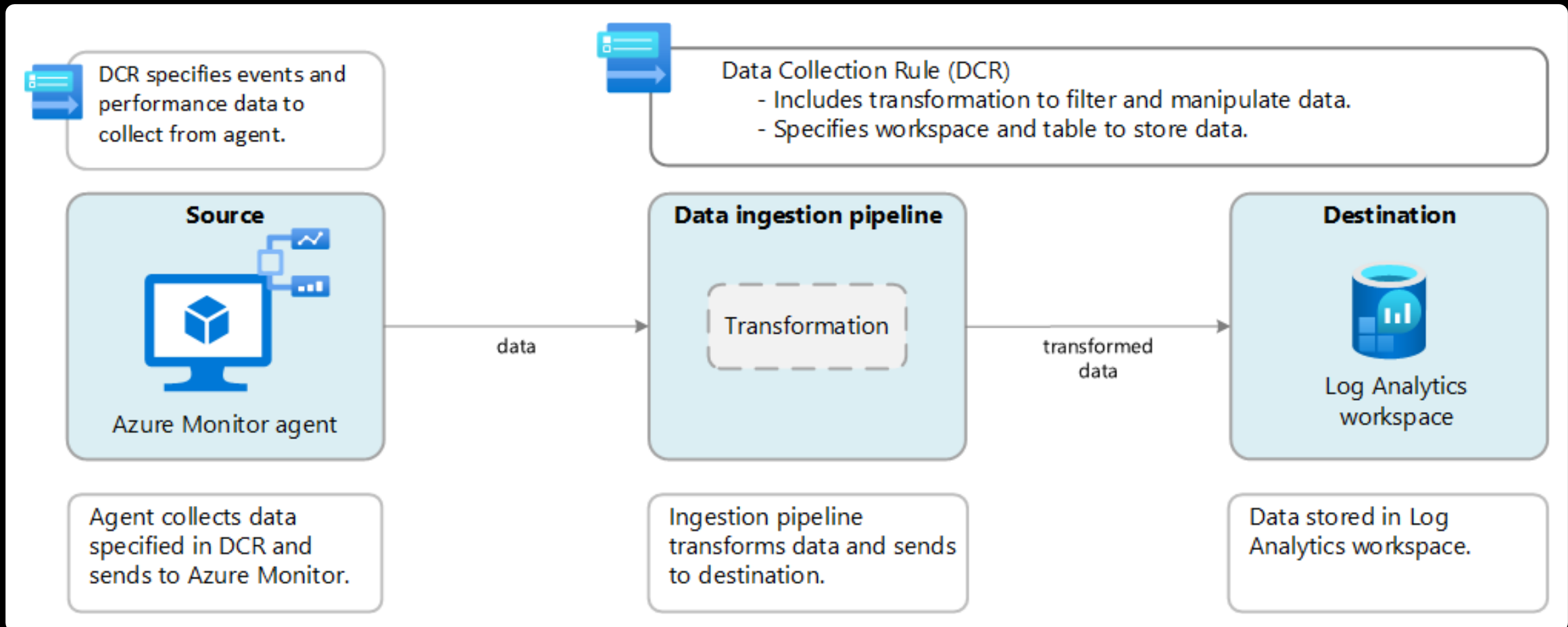



Monitoring and logging in AKS

Data Collection Rule - DCR


Specify **what data** should be collected, how to **transform it**, and **where to send it**.




Data Collection Rule - DCR


 **dcr-prometheus** | Resources ☆ ...
Data collection rule

⌵ ⏪ + Add 📁 Save 🗑️ Delete

 Overview

⌵ Configuration


 Data sources

 **Resources**

➤ Security

All resource groups ⌵


<input type="checkbox"/>	Name	Type	Location	Data collection end...
<input type="checkbox"/>	aks-cluster	Kubernetes service	Sweden Central	dce-prometheus ⌵


 **dcr-prometheus** | Data sources ☆ ...
Data collection rule

⌵ ⏪ + Add 🗑️ Delete

➤ Settings

⌵ Configuration

 **Data sources**

 Resources

Destination : all

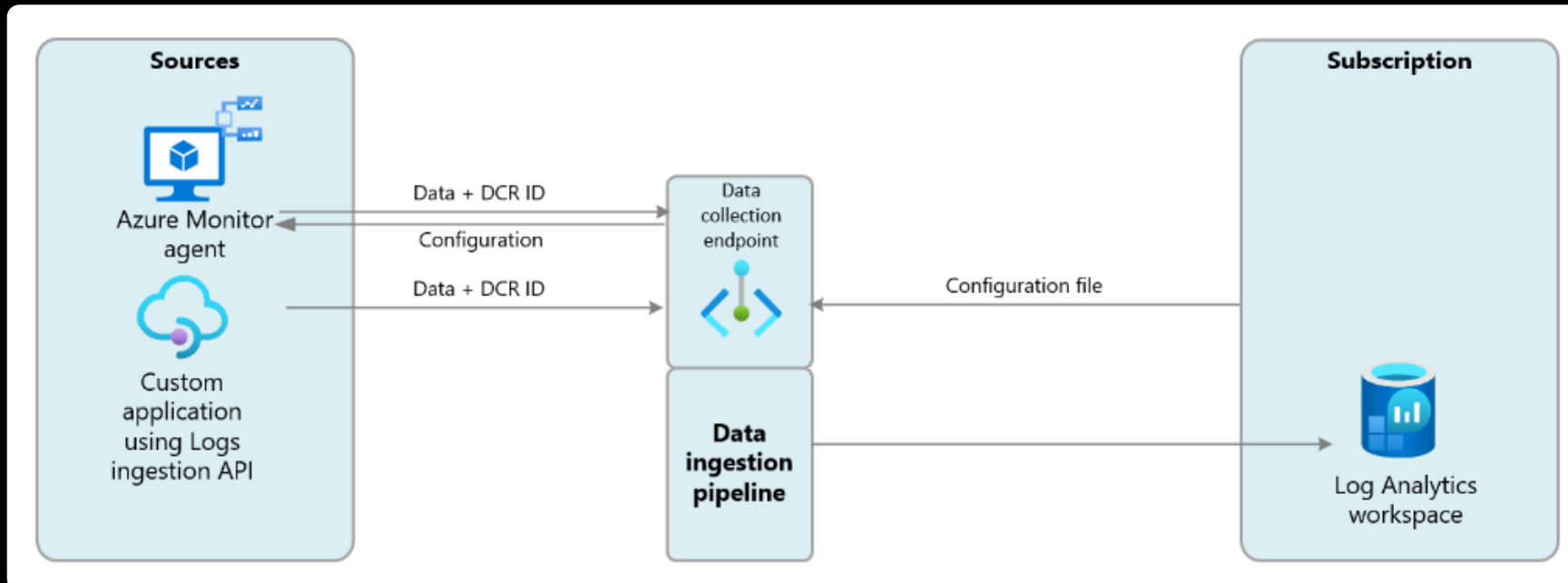
<input type="checkbox"/>	Data source	Destination(s)
<input type="checkbox"/>	Prometheus Metrics	Azure Monitor Workspace

Data Collection Endpoint - DCE

Sits between Azure Monitor Agent (AMA) and Azure Monitor resources like Log Analytics and Prometheus.

Collects data (metrics and logs) from AMA and send it to Azure Monitor.

Provides configuration files (DCR) to AMA to perform data transformation.



Data Collection Endpoint - endpoints

Configuration access endpoint

Endpoint from which Azure Monitor Agent retrieves data collection rules (DCRs).

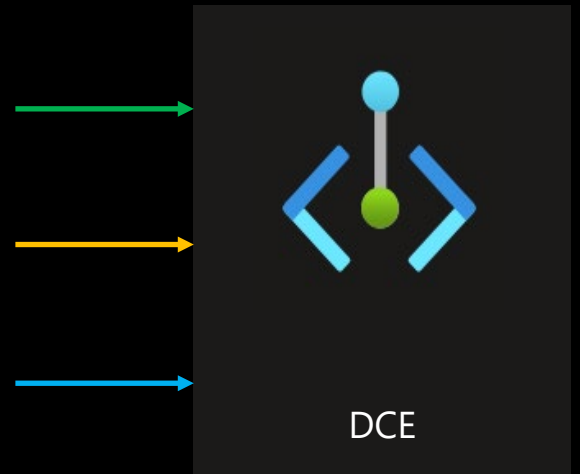
Logs ingestion endpoint

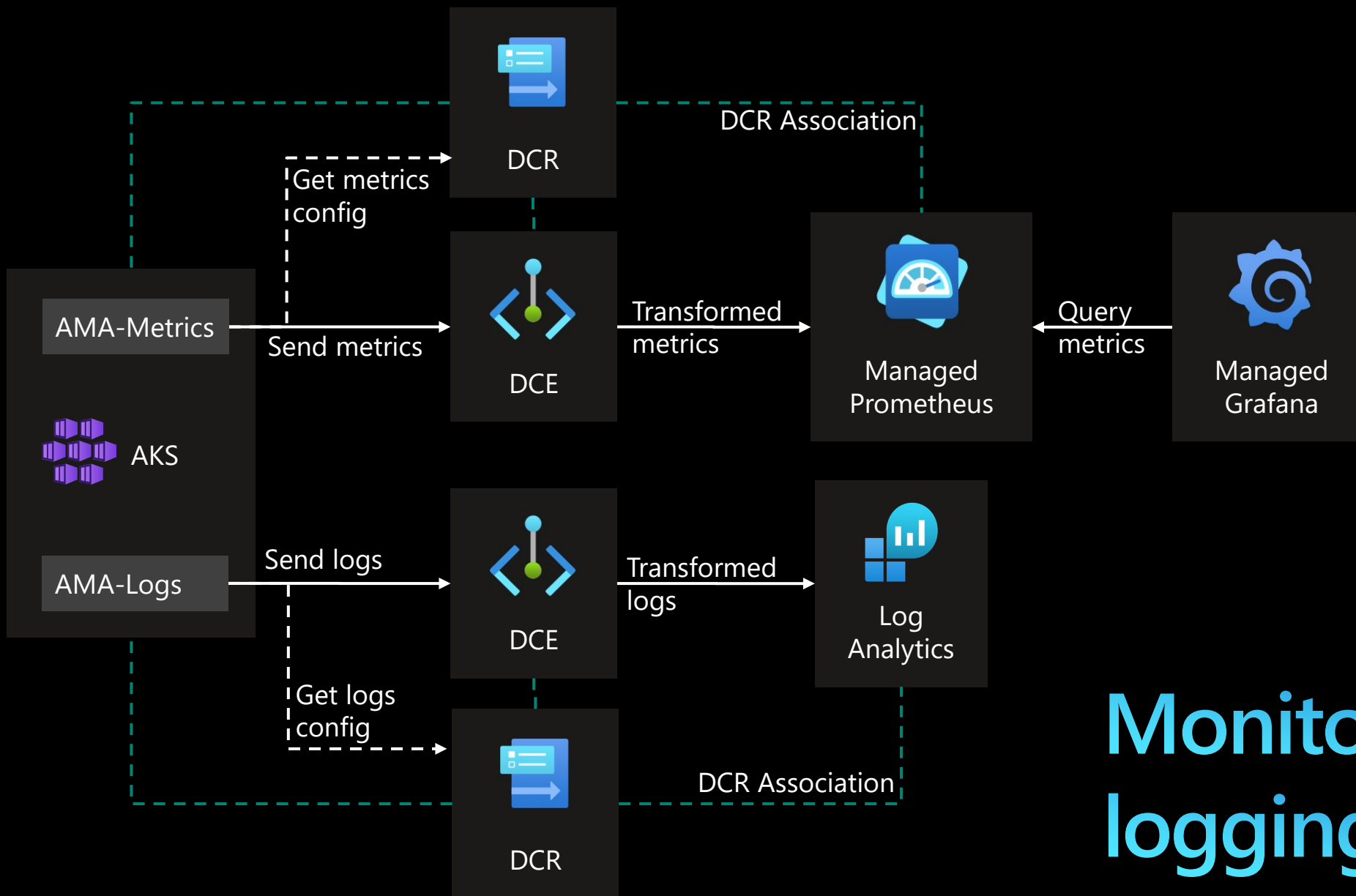
Endpoint that ingests logs into the data ingestion pipeline.

Metrics ingestion endpoint

Endpoint that ingests metrics into the data ingestion pipeline.

```
"properties": {  
  "configurationAccess": {  
    "endpoint": "https://<dce>.<region>.handler.control.monitor.azure.com"  
  },  
  "logsIngestion": {  
    "endpoint": "https://<dce>.<region>.ingest.monitor.azure.com"  
  },  
  "metricsIngestion": {  
    "endpoint": "https://<dce>.<region>.metrics.ingest.monitor.azure.com"  
  },  
  "networkAcls": { "publicNetworkAccess": "Enabled" }  
}
```
















Monitoring and logging for AKS

Monitoring and logging for AKS

Demo

Terraform

Name ↑	Type
 aks-cluster ...	Kubernetes service
 azure-grafana-85 ...	Azure Managed Grafana
 azure-prometheus ...	Azure Monitor workspace
 dce-log-analytics ...	Data collection endpoint
 dce-prometheus ...	Data collection endpoint
 dcr-log-analytics ...	Data collection rule
 dcr-prometheus ...	Data collection rule
 log-analytics-workspace ...	Log Analytics workspace
 recording-rules-k8s ...	Prometheus rule group (preview)
 recording-rules-nodes ...	Prometheus rule group (preview)
 vnet-aks ...	Virtual network