# Cloud Architecture Diagram

**Purpose:** This document outlines the structure and components of the {projectName} cloud infrastructure, including its essential services, layers, deployment units, and their relationships. It provides a high-level overview to assist with planning, architecture decision-making, and communication between technical stakeholders.

## 1. Project Overview

**Project Name:** {projectName}

**Created By:** {author}

**Date:** {date}

**Cloud Provider:** {cloudProvider}

## 2. Architecture Summary

{architectureSummary}

## 3. Components and Services

{#components}

* **{name}**: *{description}* — {serviceType}

{/components}

## 4. Architecture Layers

{#layers}

* **Layer:** {layerName}
**Purpose:** {layerPurpose}

{/layers}

## 5. Network Configuration

**VPC:** {vpcName}

**CIDR Block:** {cidrBlock}

### Subnets

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Type** | **CIDR** | **Availability Zone** |
| {#subnets}{subnetName} | {subnetType} | {subnetCidr} | {availabilityZone}{/subnets} |

## 6. Integration Points

{#integrations}

1. **{externalSystem}**: {integrationDetails}

{/integrations}

## 7. Security & Identity

**IAM Roles:**

{#iamRoles}

* {roleName} — Permissions: {permissions}

{/iamRoles}

**Data Encryption:** {encryptionMethod}

**Compliance Standards:** {complianceStandards}

## 8. Diagrams

The following diagrams illustrate the overall logical architecture and service relationships. Click or open the links to view the diagrams:

{#diagrams}

* {diagramTitle} - {&diagramLink}

{/diagrams}

## 9. Notes & Assumptions

{#notes}

* {note}

{/notes}

## 10. Optional Add-ons

{#hasMonitoring}**Monitoring Enabled:** {monitoringTool} is integrated for infrastructure and service level metrics.

{/hasMonitoring}

{^hasMonitoring}

**Monitoring:**

 Monitoring is not yet configured for this architecture.{/hasMonitoring}

{#hasBackup}**Backup Plan:** The architecture includes backup and recovery procedures using {backupTool}.

{/hasBackup}

{^hasBackup}

**Backup Plan:**

 No backup configuration has been defined.{/hasBackup}

## 11. Tags & Metadata

{#tags}

* **{key}**: {value}

{/tags}