# KG GAME On-premise Construction Project

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## Contents

**1** About Business

01 KG GAME On-Premise Construction Project

3 Internal Network

01 Internal Network Introduction

02 Internal Network Main Service

- DNS - AD

- WEB - DHCP

- Proxy & SSL - VPN

- Database

**2** About Network

01 Network Configuration Introduction

02 Network Topology

03 Network Main Service

4 External Network

01 External Network Introduction

02 External Network Main Service

- DNS - Raid

- WEB - Channel-Bonding

- SSL - Proxy



# **ABOUT BUSINESS**

1 KG GAME On-Premise Construction Project





#### **KG GAME On-Premise Construction Project**



High-availability network configuration for smooth gameplay



Safely protect server resources from network



Test server operation for successful release and game updates



Efficient employee management and employee training system with internal dedicated infrastructure

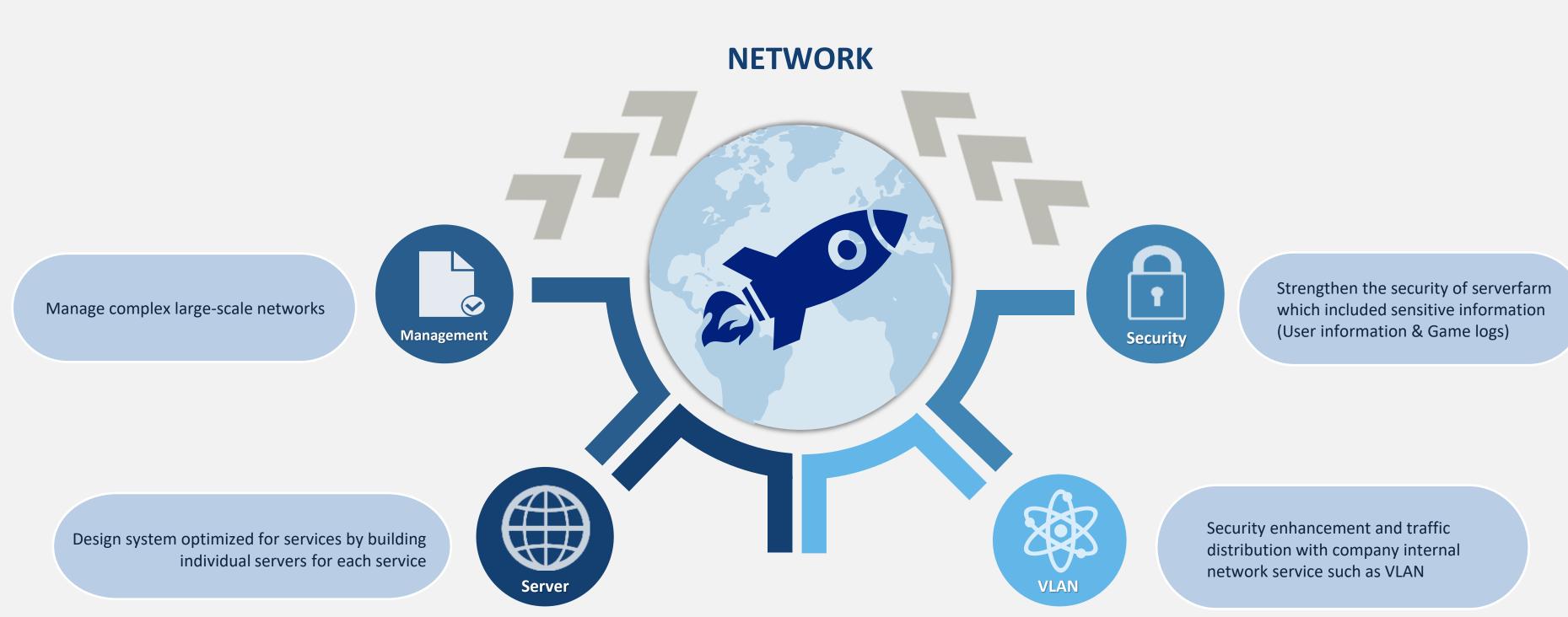
# **ABOUT NETWORK**

- 1 Network Configuration Introduction
- 2 Network Topology
- 3 Network Main Service

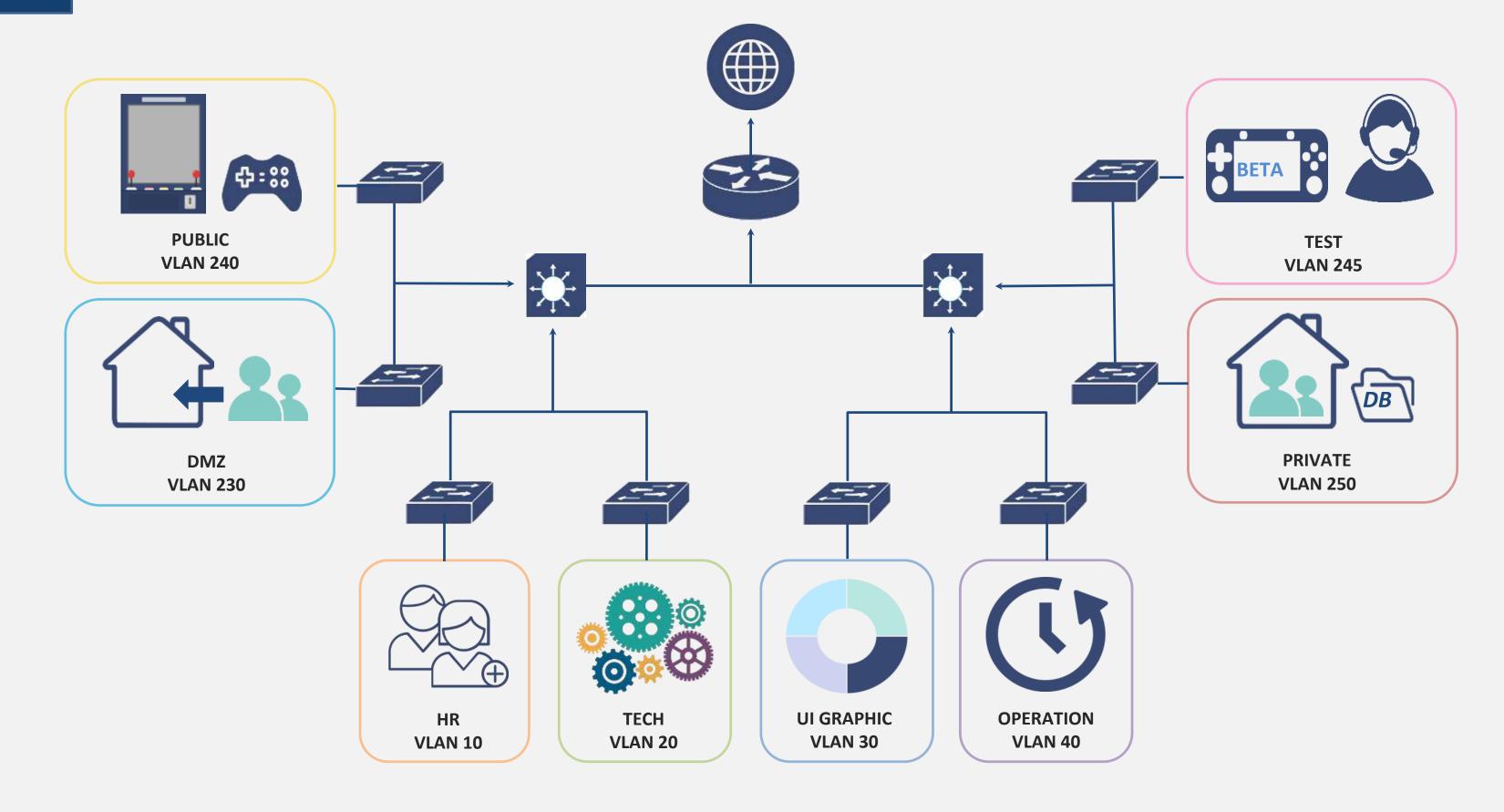




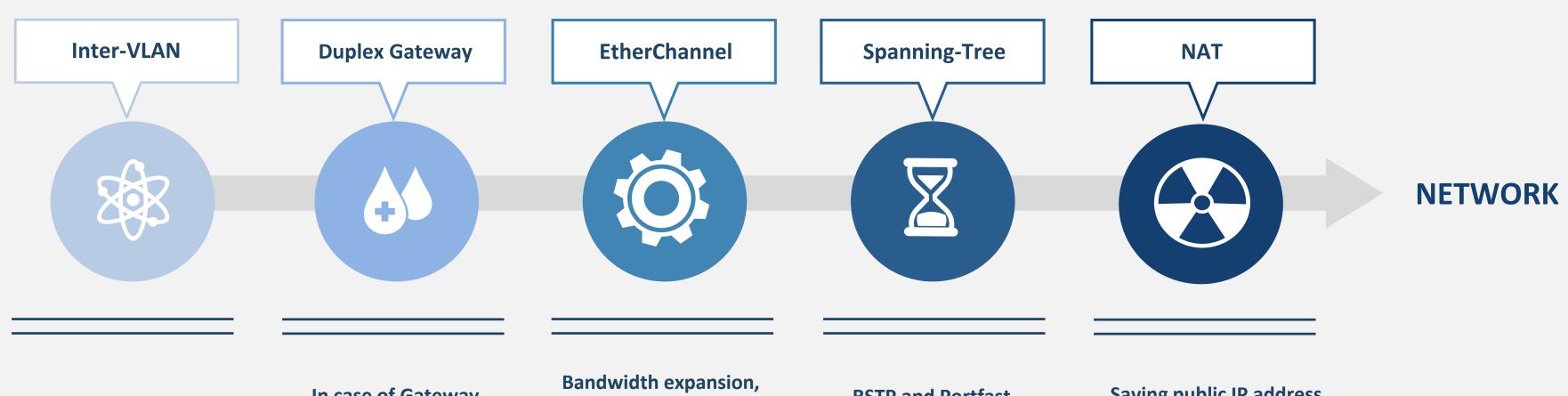
### **Network Configuration Introduction**



#### **Network Topology**



#### **Network Main Service**



Internal networks
between departments
with VLAN

In case of Gateway
failure, change standby
router to active router
with HSRP setting

redundancy,
load balancing with
Etherchannel that
handle high-volume traffic

RSTP and Portfast
settings to prevent loops
and speed up the
reconnection

Saving public IP address

Improve security by

none expose the

private network IP address



## INTERNAL NETWORK

- 1 Internal Network Introduction
- 2 Internal Network Main Service

#### Internal Network Introduction





Used for managing employees and internal resources

The smooth connection between departments

Employee performance management & skill-up system

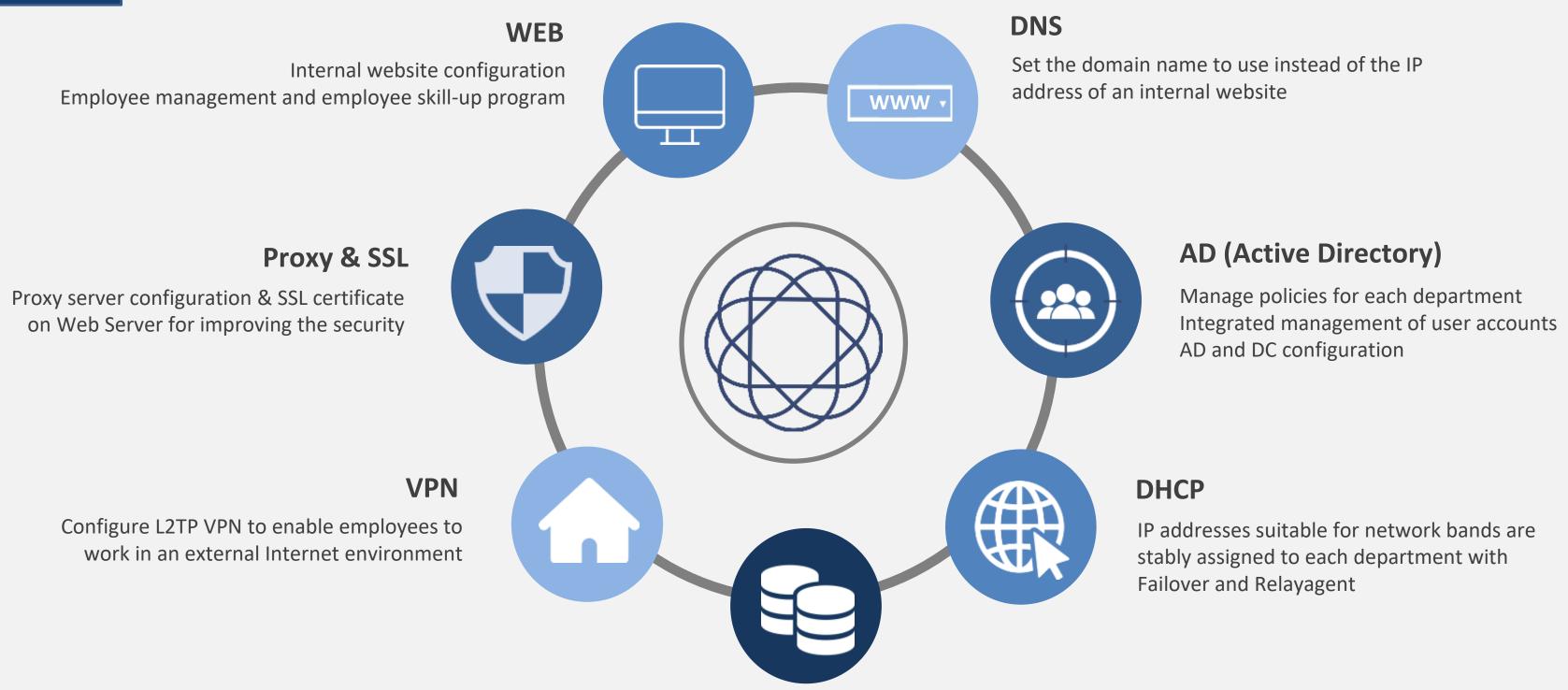
#### **Database Server**

Linking the official website

Configure DB replication for safe data storage

Safely store user information and game logs

#### **Internal Network Main Service**



**Database** 

High availability and redundancy of data by configuring DB replication

# **EXTERNAL NETWORK**

- 1 External Network Introduction
- 2 External Network Main Service



#### **External Network Introduction**





#### **Improve the Game Speed**

Traffic distribution
Improve the game experience

#### **Community Space for Players**

Official Website & Forum SNS & Streaming channel linkage



#### **External Network Main Service**



