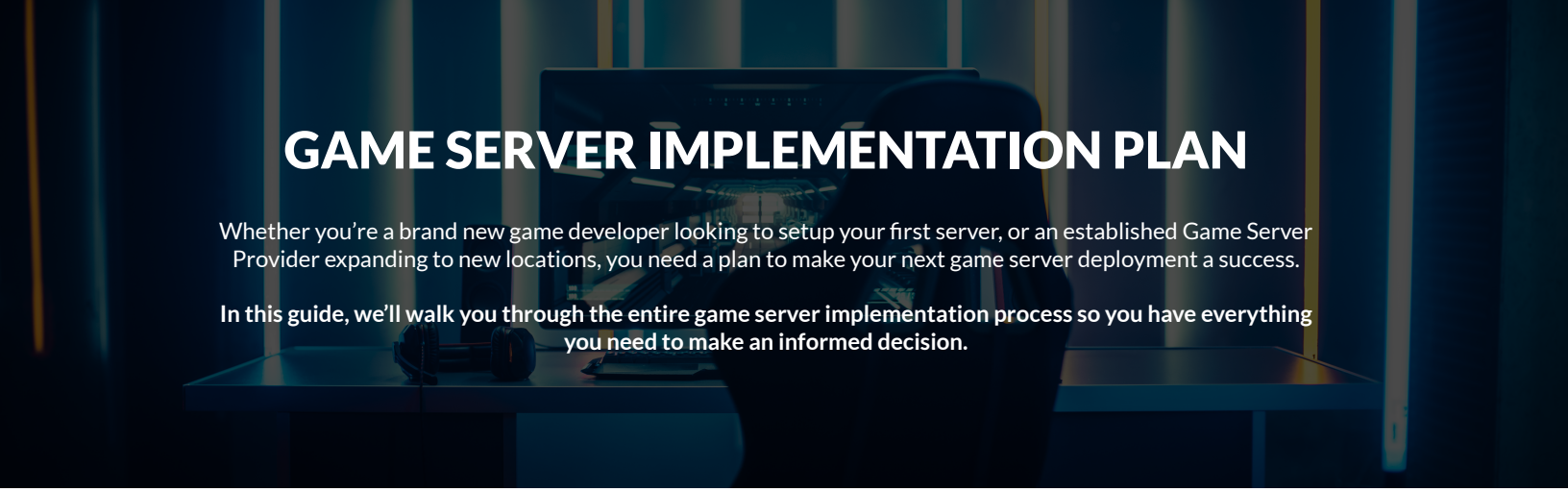
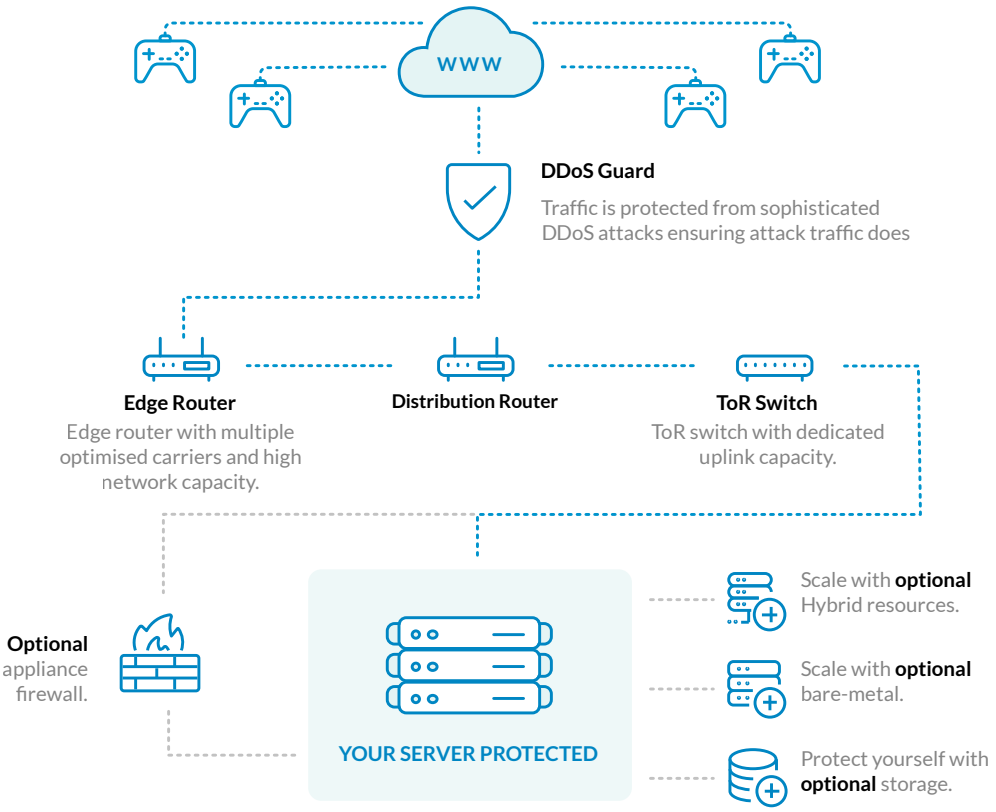


GAME SERVER IMPLEMENTATION PLAN

Whether you're a brand new game developer looking to setup your first server, or an established Game Server Provider expanding to new locations, you need a plan to make your next game server deployment a success.

In this guide, we'll walk you through the entire game server implementation process so you have everything you need to make an informed decision.

COMPONENTS OF A GAME SERVER ENVIRONMENT



multiplay

★ ★ ★ ★ ★

"At Multiplay we bring people together, and with ServerMania providing great quality network and hardware for our game servers we're able to do exactly that, all up and down the East Coast."

CEO
Multiplay

STEP 1: **REVIEW YOUR SERVER GOALS**

Before you can implement a game server, it's important to determine what your server goals are and what success will look like. Based on our experience, most gaming businesses are primarily concerned with:

Scalability

You want a solution that allows you to deploy new servers quickly and to your specifications.

Security

You need servers and networking that can be fully secure from unauthorized access.

Support

You want one-to-one support access and a personalized experience with an account manager who knows your business.

Simplicity

You don't want to spend hours in a complicated server interface. Deploying and managing servers should be fast and easy.

Speed

You need rapid server deployment and the fastest network connections available on the best carriers.

STEP 2: **DETERMINE YOUR REQUIREMENTS**

Begin by compiling a detailed list of your server requirements. If you are a new provider, you may not know exactly how much server resources a game may use or how many customers you can fit onto a server. That's okay - remember that most GSPs have dozens or hundreds of servers. You can always upgrade or add more servers as your resources grow.

Did You know? The ServerMania Knowledge Base has dozens of tutorials on game server requirements. Our server experts can also help research which server CPU, memory, and network requirements your game may have.

Location

One of the most important factors to gamers is low ping and low latency. Choose a server in close proximity to your customers. Most Game Server Providers will have servers in data centers throughout the world.

CPU

Depending on the game you are hosting, you may choose multiple servers with a less powerful CPU such as the E3-1270v6 or fewer servers with more powerful processors such as the Dual E5-2680v2.

Memory

This will vary largely between games, but tends to be a large requirement for most GSPs. Servers between 128GB and 256GB of RAM are common amongst Game Server Providers.

Disk Space

SSD and NVmE disks are both common in gaming servers due to their high performance. We'd recommend one of these options if your budget allows for it.

Networking

Bandwidth requirements also vary between games, but many GSPs select unmetered bandwidth to ensure they can accommodate as many users as possible without incurring bandwidth overages.

"We worked one to one with an account manager from the beginning. ServerMania has been able to tailor their platform to our needs perfectly and offer us exactly what we needed in multiple locations throughout the US."

Matthew Griffin Founder and CEO of GTXGaming

VIEW GTX GAMING CASE STUDY

STEP 3: **REVIEW RECOMMENDED GAME SERVER PLANS**

We've taken our decades of experience in the game hosting industry to determine four of the most common server options for Game Server Providers and Developers.

HYBRID E3

- 4x 3.4 GHz
- 16 GB RAM
- 250 GB SSD

DEPLOY

XEON E3-1270 V6

- 4x 3.8 GHz
- 32 GB RAM
- 2x 500GB SSD

DEPLOY

INTEL XEON W-2125

- 4x 4.0 GHz
- 64 GB RAM
- 2x 500 GB SSD

DEPLOY

DUAL XEON E5-2697V2

- 24 x 2.7GHz
- 128GB RAM
- 1TB SSD

DEPLOY

Did You know? Many Game Server Providers offer game server backups as a Value Added Service to their clients. Having a server cloud backup available is not only a smart decision in the event of data loss, but it can also generate additional business revenue.

STEP 4: **ORDERING A SERVER**

Now that you've determined your requirements and selected a server partner, you're ready to start requesting quotes. Here's how ServerMania can help:

1

Book A Server Consultation

One of the most important factors to gamers is low ping and low latency. Choose a server in close proximity to your customers. Most Game Server Providers will have servers in data centers throughout the world.

2

Receive A Custom Quote

Our team will prepare a custom quote based on your exact specifications. We'll present a variety of payment options to ensure you are getting a quote that works best for your business.

3

Confirm The Quote

Our team will prepare a custom quote based on your exact specifications. We'll present a variety of payment options to ensure you are getting a quote that works best for your business.

BOOK YOUR CONSULTATION TODAY

SERVERMANIA: YOUR TRUSTED GAME SERVER EXPERTS

ServerMania is a Canadian company with over a decade of experience building high-performance infrastructure hosting platforms for businesses globally. We offer a wide range of fully customizable dedicated, hybrid, colocation and IP Transit services. Our mission is to empower clients by equipping them with fast, reliable, innovative infrastructure hosting while upholding a 100% network uptime SLA. This is assisted by a 24x7x365 rapid response team — one with some of the best response times in the industry.