



### Understanding WordPress Environment

#### **WordPress Needs**

- Server and Network
- Operating System
- Database (MySQL)
- Web Server
- PHP interpreter

PHP / PHP-FPM HHVM

#### WordPress

- WordPress Core
  - **Plugins**
  - **Themes**

### Server and Network Needs

### **Initial Setup**

- Buy Server
- Rent Space in Datacenter
- Setup Server
- Configure Network

#### Maintenance

Hardware Fails

**CPU** 

Motherboards

**HDD** 

**Network Cards** 

and more...

### Operating System Needs

### **Initial Setup**

- Decide OSLinux, Windows, BSD, ...
- Install OS
- Initial OS tuning
- Software configuration Mail, SSH, (S)FTP, ..
- Network Configuration
  Routes, Firewall, ...

#### Maintenance

System Administration

**Updates** 

**Security Patching** 

Backup

**Troubleshooting** 

and more...

### Database Needs

### **Initial Setup**

- MySQL
- Initial ConfigurationTuning
- Backup Planning

#### Maintenance

DB Administration

**Updates** 

**Security Patching** 

**Troubleshooting** 

Query optimization

and more..

### Web Server / PHP Needs

### **Initial Setup**

- Decide which Web ServerApache, NGINX, ...
- Install Web Server & PHP
- Tune WebServer and PHP threads events preforks HHVM and more...

#### Maintenance

- Updates
- Security Patching
- Troubleshooting
- Ongoing optimization
- and more...

### WordPress Needs

#### **Initial Setup**

- Install WordPress
  - Core
  - **Plugins**
  - **Themes**

#### Maintenance

- Core Updates
- Themes and Plugins Updates
- Security Patching
- Backups
- Troubleshooting
- Dev Tools and Testing
- Ongoing optimization and re-configuration
- and more...



### Maintenance is a never ending job

- Technical Know-How
- Keeping software up to date
- Security patches
- Backup design and implementation
- Troubleshooting
- Optimization
- Monitoring

Are you a Systems Administrator?

Are you a Database Administrator?

Are you Security Expert?

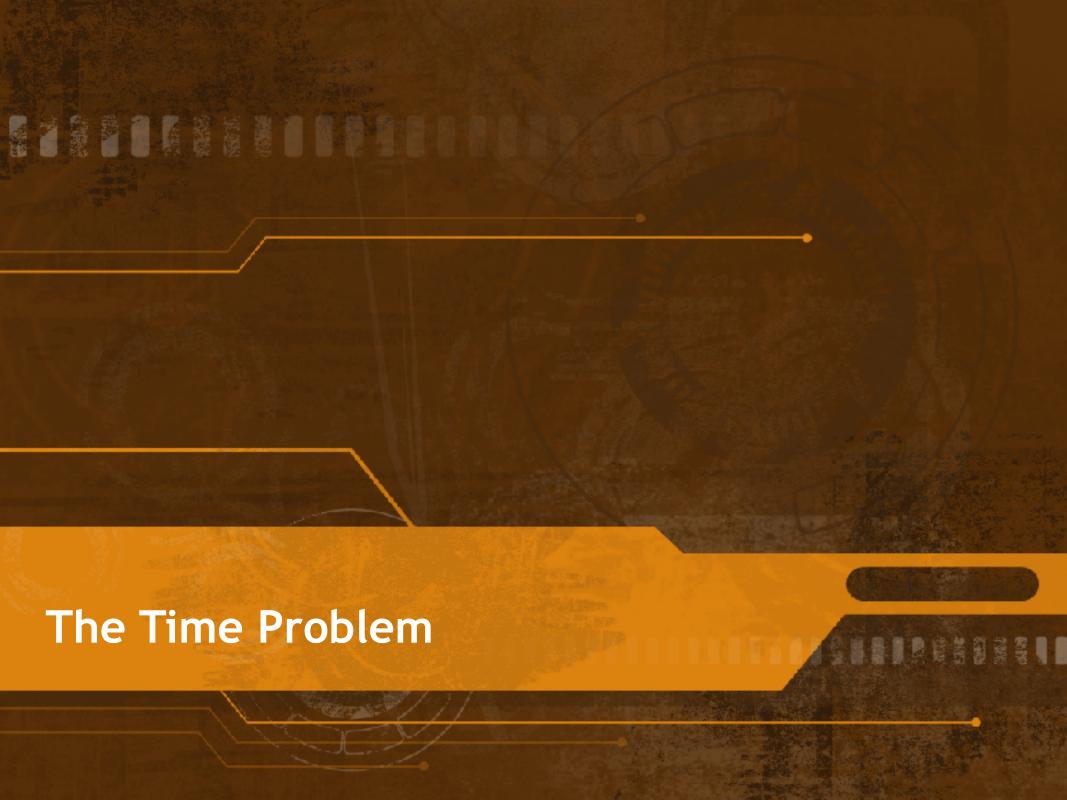
NO

 You need to hire someone to handle your

to handle your maintenance needs!

YES

You have to maintain everything on your own!



Even if you have all the required Know-How.. do you have the time to do everything on your own?



### **Shared Hosting Providers**

### Advantages

- Server Maintenance
- System Administrators

### **Disadvantages**

- Business Model
   Overselling
   Shared resources
   Bad neighbor effect
   Poor Performance
   Inevitable downtimes
   No Scalability
   Lack of WP expertise
- You are on your own!
- You get what you pay for!

### (Dedicated) Managed Hosting Providers

### **Advantages**

- Server Maintenance
- System Administrators
- Increased Security (hopefully)
- Vertical Scalability (if supported)

### **Disadvantages**

- Lack of WP Expertise
- Poor Performance no optimizations
- Inevitable downtimes (due to hardware failures)

### Managed WordPress Hosting Providers

### **Advantages**

- Server Maintenance
- System Administrators
- Database Administrators
- Increased Security
- DevOps ( some )
- Speed / Performance
- Scalability (some)
- Rich Feature set
- WordPress Expertise

### **Disadvantages**

- Pricing (really?)
- Limitations (mostly on Plugins)
- Downtime (some give HA)
- Serves Only WordPress :(



# Escape the trend and Identify your Business Needs and available Resources

#### **Website Needs**

- Reliability
- Speed
- Security
- Support
- Features
- Growth

### What you Know Best

- Developer
- Designer
- Blogger
- Content Writer
- SEO Expert

### Case Studies...

### **Shared Hosting**

- New / Low traffic websites
- Website is not a critical business component
- Low support expectations

### Managed Hosting

- You need more resources
- You need custom software
- You know what you're doing
- You have time to spent on optimization

### Managed WP Hosting

- Website is a critical business component
- High traffic websites
- Extra security mechanisms
- Extra features
- Expert support
- Lack of time



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