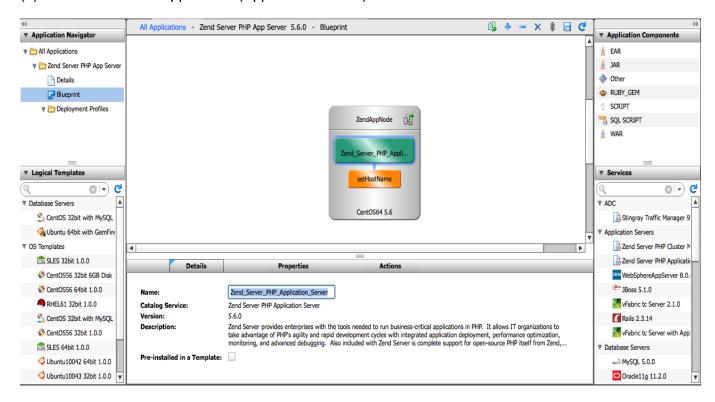# Zend Server PHP Application Server (Standalone) - Blueprint information

1. OVERVIEW

The purpose of this document is to describe Zend Server PHP Application Server blueprint in detail. The goal of the blueprint is to allow for provisioning and configuration of single node Zend Server (ZS) instance in automated and repeatable fashion.

The following component and version are installed as part of ZS instance:

(1) Zend Server PHP App Server (Application Server)

2. HIGH LEVEL BLUEPRINT DESIGN

Conceptually, the blueprint design consists of the tasks described below. These tasks are listed in chronological order:

(1) Setup Hostname (Application Server)
(2) Install Zend Server PHP Application Server 5.6

2.1 Files
You will need the following files to configure the scripts and services within this blueprint. Please refer to the following sections for details and their corresponding script/service.

```
darwin_global.conf
setHostName.sh
zendserver56-configure.sh
zendserver56-install.sh
zendserver56-properties.txt
```

2.2 Setup Host Name (Apllication Server)
The "Setup Host Name" task sets the hostname for the machine that's provisioned. It's defined as a blueprint script.

Properties:

| Details | | Properties | | Actions | |

Name	Description	Type	Blueprint Value	Required	Secured	Overridable at Deployment
IP_ADDRESS		String		☑	☐	☑
HOST_NAME		String		☑	☐	☑
DOMAIN_NAME		String		☑	☐	☑

Actions:

| Details | | Properties | | Actions | |

Lifecycle Stage	Script Type	Script	
INSTALL	Bash Script	#!/bin/bash	✗
CONFIGURE	Bash Script		✗
START	Bash Script		✗

Install Script:

Please refer to file **setHostName.sh** to copy the script as the INSTALL Bash Script.

2.3 Install Zend Server PHP Application Server (Application Server)
The "Install Zend Server PHP Application Server 5.6.0" task installs a server instance of Zend Server PHP Application Server 5.6.0. It's defined as a blueprint service.

Edit Service Zend Server PHP Application Server 5.6.0   ✕

| Details | Properties | Actions |

Name: Zend Server PHP Application Server ✱

Service Version: 5.6.0 ✱

Description:
Zend Server provides enterprises with the tools needed to run business-critical applications in PHP. It allows IT organizations to take advantage of PHP's agility and rapid development cycles with integrated application deployment, performance optimization, monitoring, and advanced debugging. Also included with Zend Server is complete support for open-source PHP itself from ▼

Tags: Application Servers ✕ Web Servers ✕ Monitoring ✕ ▼ ✱

Supported OSes: CentOS64 5.6.0 ✕ ▼

Supported Components: SCRIPT ✕ Other ✕ ▼

Pre-installed in a Template: ☐

[OK] [Cancel]

Properties:

Edit Service Zend Server PHP Application Server 5.6.0   ✕

| Details | Properties | Actions |

✚

Name	Description	Type	Value	Required	Secured	Overridable in Blueprint		
DOWNLOADRPMURL	Zend Server yum config...	String	http://downloads.zend.com/zendserver/5.6.0/ZendServer-5.6.0-RepositoryInstaller-linux.tar.gz	☑	☐	☑	✏	✖
global_conf	URL to download Darwin...	Content	https://${darwin.server.ip}:8443/darwin/conf/darwin_global.conf	☑	☐	☑	✏	✖
zendnode_ui_pass	Zend Server Node UI Pa...	String		☑	☐	☑	✏	✖
zend_zscm_host	Address of the ZSCM no...	String		☐	☐	☑	✏	✖
zendnode_is_node	Set to 0 if use as single ...	String		☑	☐	☑	✏	✖
zend_api_key_name		String		☐	☐	☑	✏	✖
zend_api_key		String		☐	☑	☑	✏	✖
zend_self_addr		String		☑	☐	☑	✏	✖
zend_self_name		String		☑	☐	☑	✏	✖
zend_license_key	Zend Server Node Licens...	String		☑	☐	☑	✏	✖
zend_order_number	Zend Server License ord...	String		☑	☐	☑	✏	✖

[OK] [Cancel]

Please refer to file **zendserver56-properties.txt** for additional explanation and property details.

Actions:

Lifecycle Stage	Script Type	Script	
INSTALL	Bash Script	#!/bin/bash	✖
CONFIGURE	Bash Script	#!/bin/bash	✖
START	Bash Script		✖

Install Script:

Please refer to file **zendserver56-install.sh** to copy the script as the INSTALL Bash Script.

Please refer to file **zendserver56-configure.sh** to copy the script as the CONFIGURE Bash Script.