

Configuring OpenDNS on your Aruba Controller

OpenDNS

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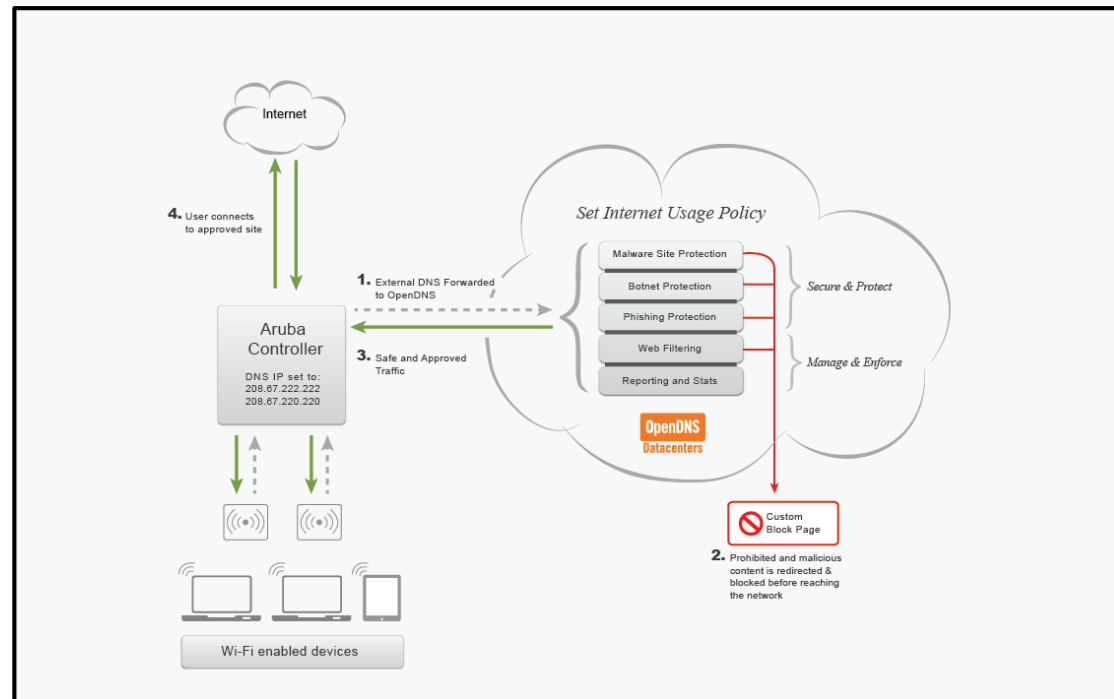
Introduction

- Getting started with OpenDNS is incredibly simple, and the onboarding process typically takes less than 30 minutes.
- This guide describes how to configure Aruba's wireless LAN infrastructure to work with OpenDNS Enterprise.
- At the end of this guide, your network will forward DNS queries to OpenDNS. After that, all you will need to do is configure your OpenDNS security and filtering settings.

Network Topology

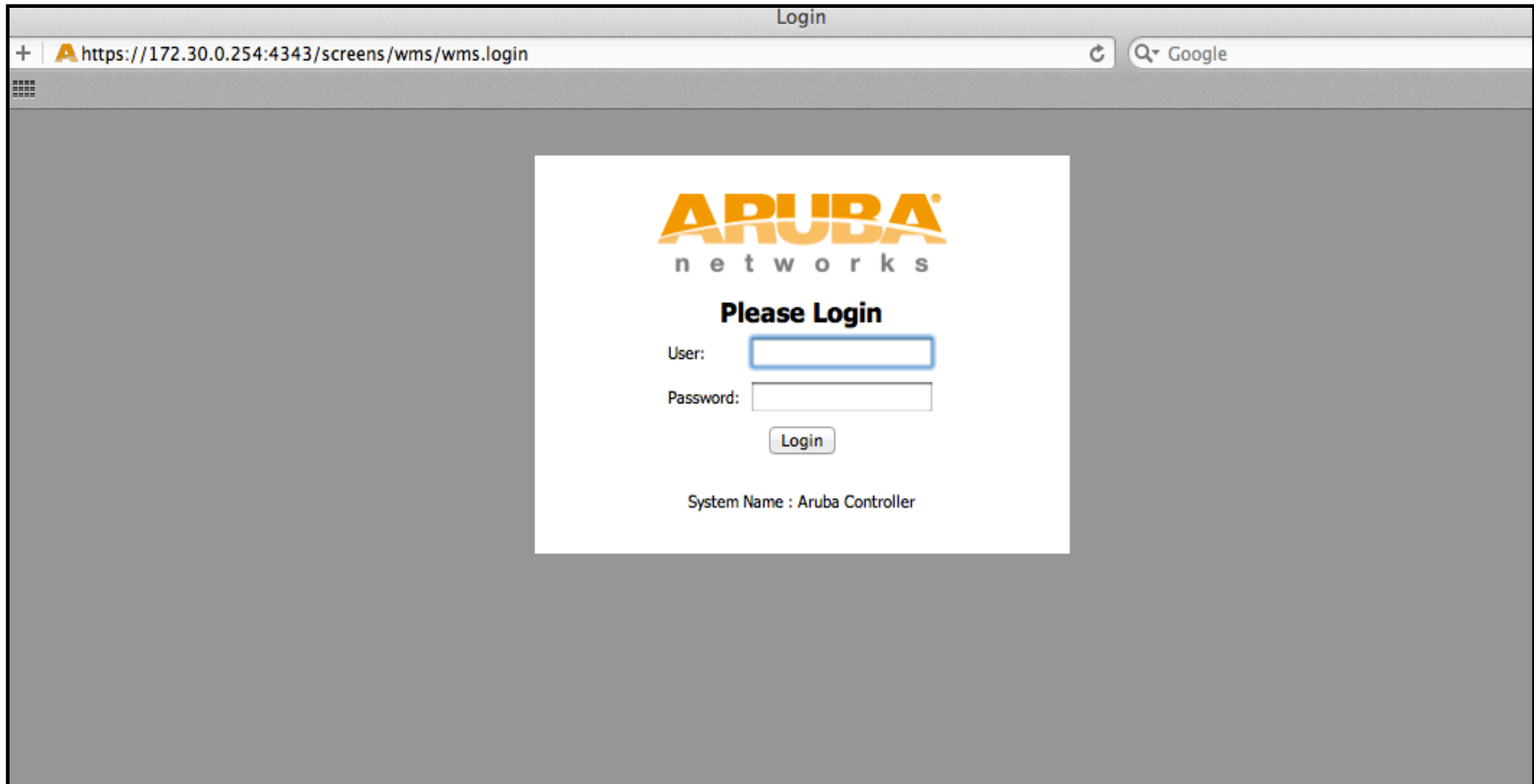
- **OpenDNS works with your network**

- » OpenDNS is used across a wide variety of networks, all with different configurations.
- » While every network is unique in its own right, there are common layers in each network, especially for DNS.
- » This guide focuses on configuring OpenDNS in Aruba Campus WLAN OS version 6.0.1.x



Aruba Controller Settings: Step 1

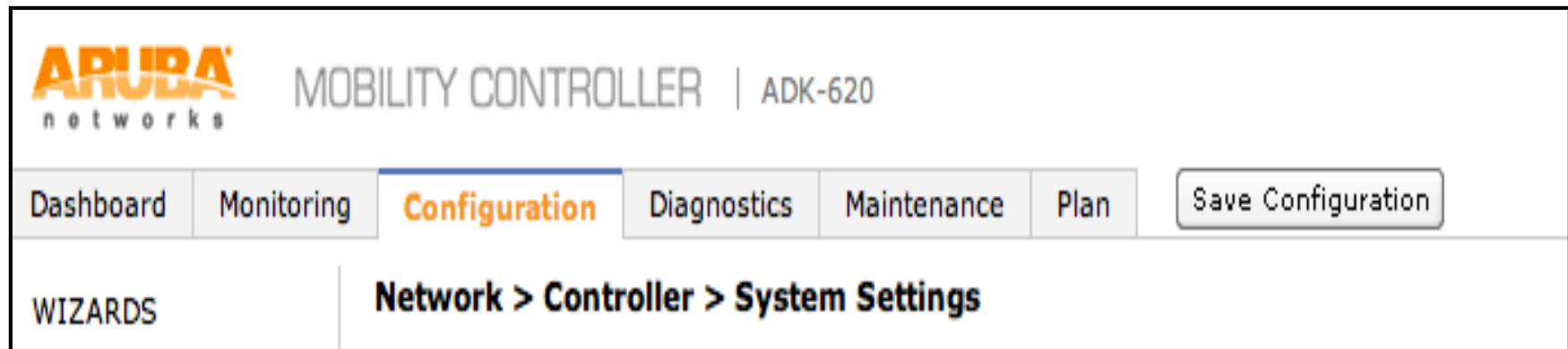
- Log into your controller's Web UI



The screenshot shows a web browser window with the title "Login". The address bar displays the URL "https://172.30.0.254:4343/screens/wms/wms.login". The main content area features the Aruba Networks logo at the top, followed by the text "Please Login". Below this, there are two input fields: "User:" and "Password:". A "Login" button is positioned below the password field. At the bottom of the form, it says "System Name : Aruba Controller".

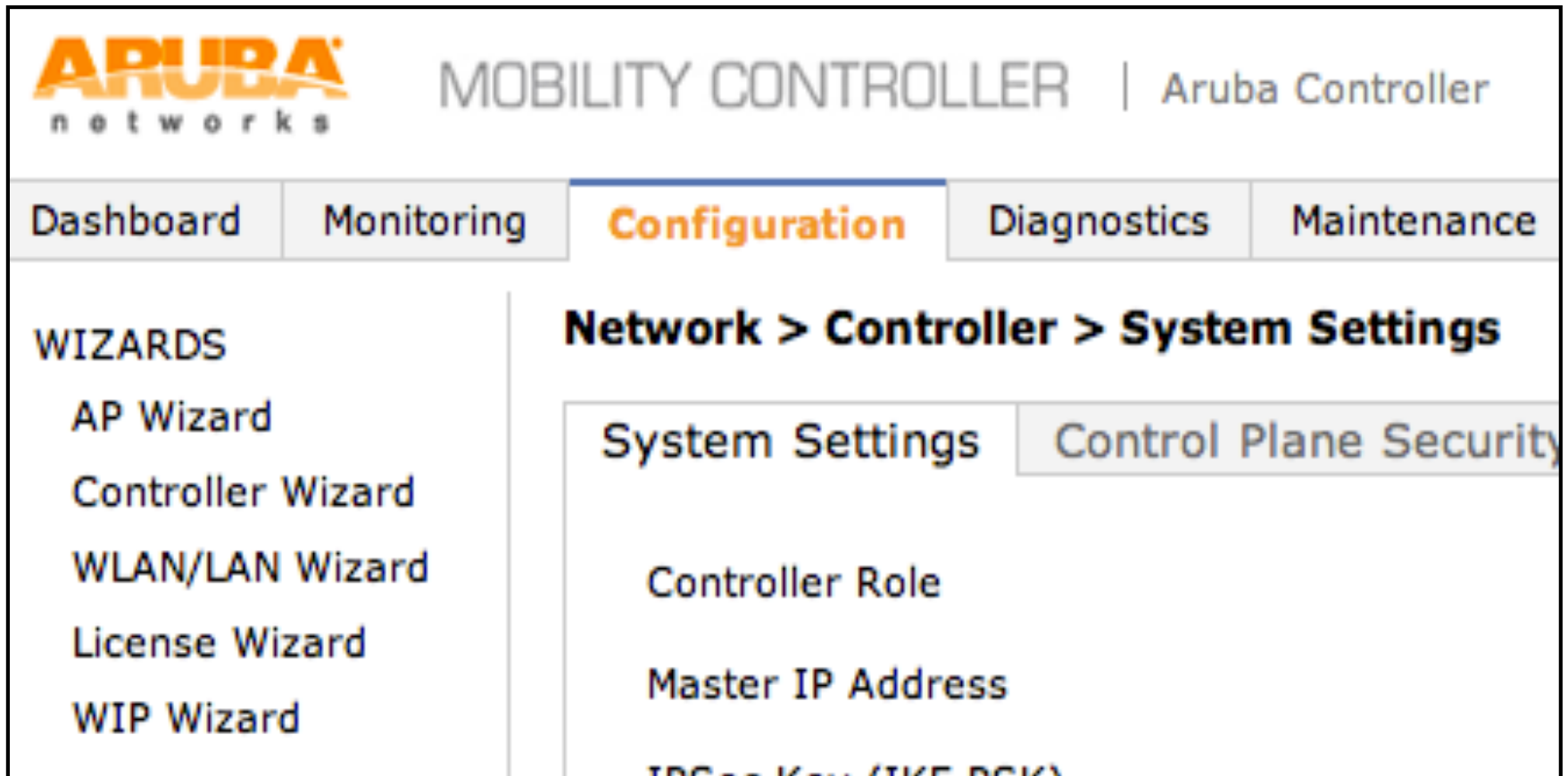
Aruba Controller Settings: Step 2

- Click on the “Configuration” tab



Aruba Controller Settings: Step 3

- Select the “Controller Wizard” from the left-navigation “Wizards” options.



The screenshot displays the Aruba Mobility Controller web interface. At the top left is the Aruba Networks logo. The page title is "MOBILITY CONTROLLER | Aruba Controller". A navigation bar contains tabs for "Dashboard", "Monitoring", "Configuration" (which is highlighted in orange), "Diagnostics", and "Maintenance". On the left side, under the heading "WIZARDS", there is a list of options: "AP Wizard", "Controller Wizard", "WLAN/LAN Wizard", "License Wizard", and "WIP Wizard". The "Controller Wizard" option is highlighted. The main content area shows a breadcrumb trail: "Network > Controller > System Settings". Below this, there are two sub-tabs: "System Settings" and "Control Plane Security". Under "System Settings", the following configuration items are visible: "Controller Role", "Master IP Address", and "IPsec Key (IKE PSK)".

Aruba Controller Settings: Step 4

- Continue through the Configuration Wizard until you reach the “Configure VLANs and IP Interfaces” page.
- Select the appropriate VLAN and click on “DHCP Settings.”
- Select “Act as server” and set DNS Servers to: 208.67.222.222 and 208.67.220.220

Configure VLANs and IP Interfaces

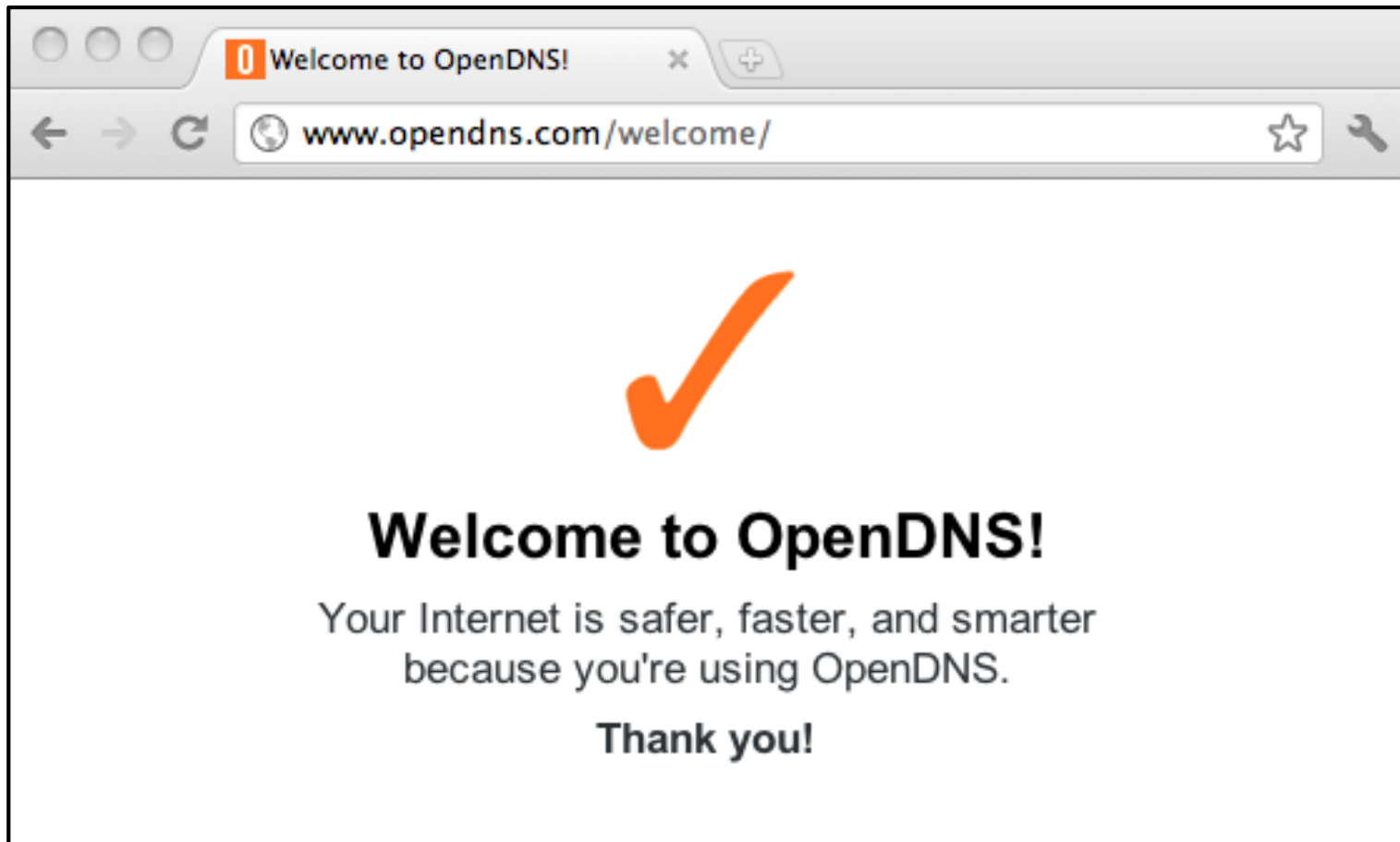
ID	Name	VLAN Pools	IP Address/Netmask	Port Members	DHCP Settings
1	Default	--	--	1/8	None
10	VLAN0010	--	172.30.0.254/255.255.255.0	1/0,1/1,1/2,1/3,1/4,1	<input type="radio"/> None <input type="radio"/> Relay to external <input checked="" type="radio"/> Act as server Network: 172.30.0.0 Netmask: 255.255.255.0 Domain name: Default router: 172.30.0.254 DNS servers: 208.67.222.222, 208.67.220.220 netbios name servers:
20	DHCP-ALL	--	dhcp-client	1/8	

New Delete

Ok Cancel

Verify OpenDNS connectivity

Visit <http://www.opendns.com/welcome> to verify connectivity to OpenDNS



Summary

- Now that you've successfully pointed your external DNS to OpenDNS, you will need to configure your filtering and security settings in your OpenDNS Dashboard.
- For more information, please visit www.opendns.com