

# Add Additional Licenses on the HA Pair and Replace WLC While in HA Setup Configuration Example

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## Introduction

This document describes how to add additional licenses to the primary Wireless LAN Controller (WLC) of High Availability (HA) and avoid any conflicts that might occur in the network.

## Prerequisites

## Requirements

Cisco recommends that you have knowledge of these topics:

- Configuration of the WLC
- Configuration of the HA Access Point Single Sign On (AP SSO)

## Components Used

The information in this document is based on these software and hardware versions:

- WLC 5500, 7500, and 8500 Series and Wireless Services Module 2 (WiSM2)
- APs 700, 1130, 1240, 1250, 1040, 1260, 1600, 2600, 3500, 3600 Series and 1520 or 1550
- Series Mesh APs Message Access Protocols (MAPs)

The information in this document was created from the devices in a specific lab environment. All of

the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

## Configure

**Note:** Use the [Command Lookup Tool](#) ([registered](#) customers only) in order to obtain more information on the commands used in this section.

## Network Diagram

This article uses this network topology:

## Configurations

Follow these steps in order to add new licenses to the primary WLC of HA and avoid any conflict that might occur in the network.

1. Delete the AP SSO on the primary WLC and click **Apply** in the upper-right corner.
2. Enable ports on the primary, as the ports on the WLC ports are disabled and click **Apply** in the upper-right corner..
3. Install the licenses on the WLC and reboot the WLC.
4. Follow the steps in [Using the GUI to Install a License](#) in order to install a license on your controller.

## Replace the Primary WLC in HA Setup

The primary WLC was affected and the user must replace it. The secondary WLC is up and all APs are attached to it. The new WLC received return material authorization (RMA) can be added with one of the failed WLCs in the HA pair. Follow the steps in this section in order to understand how to replace a WLC in active setup.

1. Make sure that the first WLC is the same version as the other WLC.
2. Configure the WLC with the same subnet management IP addresses as the previous WLC.
3. Configure the new WLC with HA configuration that includes redundant management, IP address, and peer primary. Enable the AP SSO.
4. When the AP SSO is enabled, it reboots. While it reboots, the AP SSO discovers the current active secondary, syncs the configuration, and transitions to a hot standby state.

**Note:** You do not need to break the HA configuration on the current active WLC or reboot the current active WLC. The configuration will be synced with the current active WLC.

## Verify

There is currently no verification procedure available for this configuration.

## **Troubleshoot**

There is currently no specific troubleshooting information available for this configuration.