

SSLi Harmony App v4.1 Getting Started Guide

for A10 Thunder[®] Series and AX[™] Series

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A10

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GETTING STARTED

This document provides the pre-requisites and configurations required on ACOS, Thunder devices, Harmony Controller and SSLi App to effectively deploy SSLi setup and to get started with SSLi App Usage.

The list of sections are as follows:

- [Configure Thunder Devices Basic Settings](#)
- [Before Registering HA-Pair to Harmony Controller](#)
- [Device Registration and Partition Mapping](#)
- [Provision and Install Feature Licenses](#)
- [Install SSLi App](#)

Configure Thunder Devices Basic Settings

- [Configure management interface](#)
- Synchronize Thunder system time with HC. [NTP](#) is recommended.

Provision and Install Feature Licenses

Provision the features that will be used in SSLi App and purchase the corresponding feature licenses:

- Web Categorization (Webroot license)
- Application Visibility (Qosmos license)
- Threat Intelligence (Webroot-TI license)

NOTE: If Thunder device cannot reach GLM, download the license files in advance. Then you can install it from SSLi App.

Before Registering HA-Pair to Harmony Controller

Before registering a HA-pair to Harmony Controller perform the following configurations through ACOS:

1. Configure VRRP-A in ACOS CLI for the two devices of HA-pair:

First device

```
ACOS-1(config)# vrrp-a interface ethernet 5
ACOS-1(config)# vrrp-a common
ACOS-1(config-common)# set-id 1
ACOS-1(config-common)# device-id 1
ACOS-1(config-common)# enable
ACOS-1-Active(config-common)# exit
```

2. Configure VRRP-A on the second device:

Second device

```
ACOS-2(config)# vrrp-a interface ethernet 5
ACOS-2(config)# vrrp-a common
ACOS-2(config-common)# set-id 1
ACOS-2(config-common)# device-id 2
ACOS-2(config-common)# enable
ACOS-2-Standby(config-common)# exit
```

3. Synchronize the configuration between both the devices:

First device

```
ACOS-1-Active(config)# configure sync running auto-auth 192.168.1.2
ACOS-1-Active# show json-config vrrp-a common | inc uuid
"uuid": "bfbafe8-cab6-11ea-a3f9-671d6ea05c49"
```

Second device / mgmt IP: 192.168.1.2

```
ACOS-2-Standby# show json-config vrrp-a common | inc uuid
"uuid": "bfbafe8-cab6-11ea-a3f9-671d6ea05c49"
```

4. Ensure that both VRRP-A and common objects have the same UUID.

Configure Harmony Controller

The following setup must be performed in Harmony Controller:

- [Create a provider](#)
- [Create a user](#)
- [Create a tenant](#)
- [Apply an HC license to each provider](#)
- [Install SSLi App 4.1 and start using the App](#)

NOTE: For additional Harmony Controller setup information, refer docs.hc.a10net-works.com/HC-5.3.0.

Device Registration and Partition Mapping

For device registration, follow the below steps:

1. [Add a cluster](#).

NOTE: VCS cluster is not supported for SSLi App. SSLi App pushes configuration to every single device, hence VCS is not required.

2. [Map the shared partition to a tenant](#). To understand the workflow, see [this](#) video.

NOTE: For single device L3 deployment, all the L3V partitions created for SSLi must be mapped to the same tenant as the shared partition. Else, SSLi App will not be able to render the charts in Analytics correctly.

3. Check device registration status by running `show harmony-controller status` on Thunder.

```
ACOS# show harmony-controller status
```

```
overall-status : Registration with Harmony Controller completed
heartbeat-status : ACTIVE
service-registry : ACTIVE
registration-status : PASS
registration-status-code : 200
schema-registry-status : Registration of schemas with SR passed
broker_info : 10.64.25.208:9093
kafka-broker-state : Up
Number-of-tenant-mapped-partitions : 1
```



```
Number-of-tenant-unmapped-partitions : 0  
tunnel-status : disabled
```

NOTE: If you see the following message, ensure that the shared partition is mapped to a tenant.

```
overall status : Registration with Harmony Controller is  
partially completed. To complete the registration, please go to Infra-  
structure page of HC Portal and map Device Partitions into Tenants.
```

Install SSLi App

1. [Upload the SSLi App](#)
2. [Launch the SSLi App](#).

SUPPORT INFORMATION

The A10 Networks® technical and customer support team is available at your service on phone, email and web channels:

Technical and Customer Support

To know more about A10 Networks® Harmony Controller and SSLi v4.1, refer the following:

- **Contact:** <https://www.a10networks.com/company/contact-us>
- **Support:** <https://www.a10networks.com/support>
- **Call (International):** 1-408-325-8676
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