

How to deploy a SPDT iApp in the BIG-IP

You deploy a SPDT iApp in the BIG-IP in two stages:

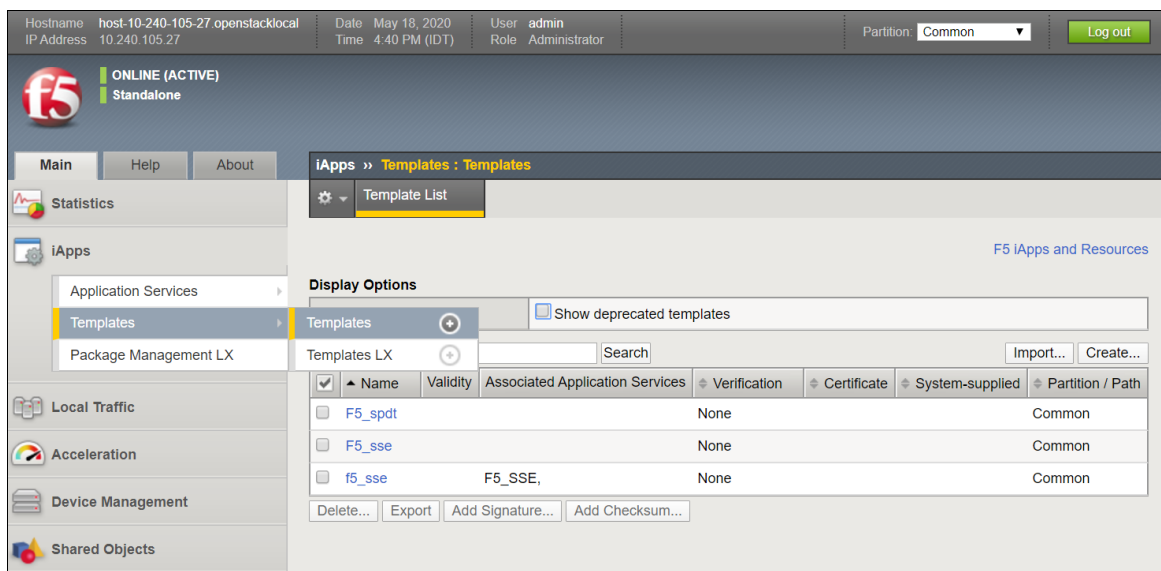
1. Import the iApp template that you received from F5 to the BIG-IP.
2. Create the iApp in the BIG-IP, based on the template you imported.

The steps for performing these two stages are described below.

Note: Before deploying or upgrading an iApp in the BIG-IP, you should backup the BIG-IP configuration as described here: [Backing up your BIG-IP system configuration](#).

Import the template to the BIG-IP

1. In the Main tab in the BIG-IP, go to **iApps>Templates>Templates**.



2. Click **Import**.
3. Click **Choose File**.
4. Select the template file provided to you from F5.
5. Click the check box next to Overwrite Existing Templates.
6. Click **Upload**.

The F5 template is now displayed in the list of templates.

Create the iApp in the BIG-IP

1. In the Main tab in the BIG-IP, go to **iApps>Application Services>Applications**.
2. Click **Create**.

The New Application Service screen appears.

The screenshot shows the 'New Application Service' configuration window. The left sidebar contains icons for Statistics, iApps, Local Traffic, Acceleration, Device Management, Shared Objects, Network, and System. The iApps section is expanded, showing 'Application Services' and 'Applications'. The main panel has a breadcrumb trail: 'iApps >> Application Services : Applications >> New Application Service...'. The 'Template Selection' section shows 'Basic' as the selected template. Below this, there are input fields for 'Name' and 'Template' (set to 'F5_spdt'), and a checkbox for 'Show deprecated templates'. The 'SPDT pool member configuration' section includes fields for 'SPDT's traffic mirroring interface IP', 'SPDT Pool name' (set to 'SPDT_Pool'), and a dropdown for 'Add ICMP Health Check' (set to 'No'). The 'Virtual Server Configuration' section has a dropdown for 'Application Virtual Server to mirror traffic to SPDT' (set to 'https_vs'). At the bottom are 'Cancel', 'Repeat', and 'Finished' buttons.

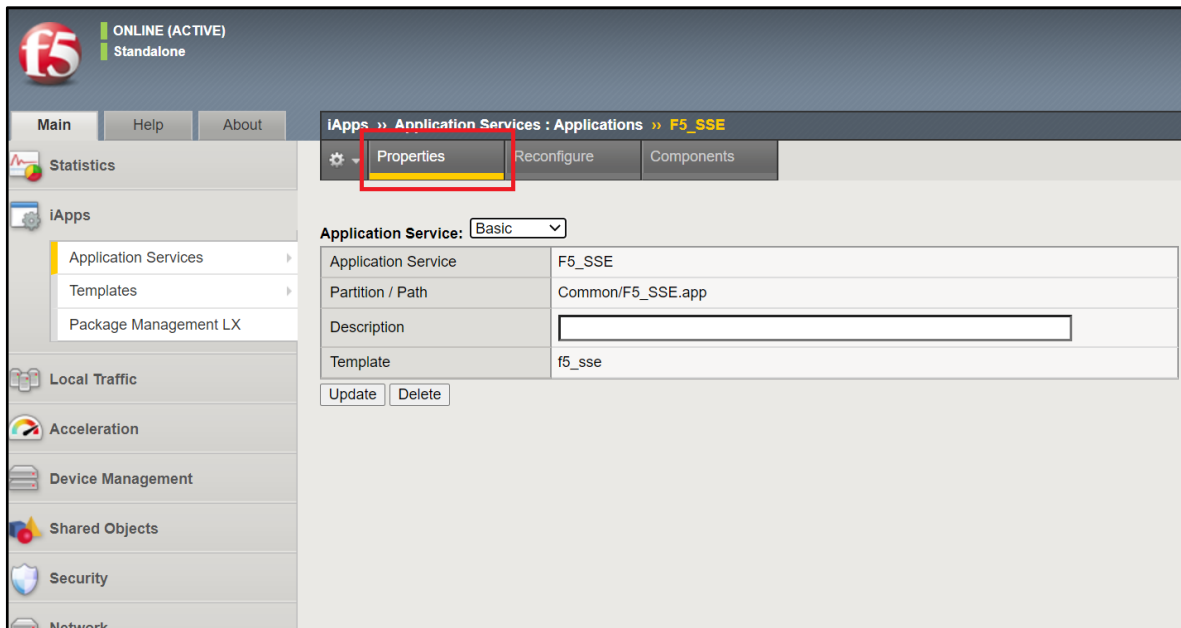
3. Assign a name to the iApp.
4. From the Template list, select the template that you imported.
5. For the F5_spdt template, assign values for the following settings:
 - **SPDT's traffic mirroring interface IP:** Enter the traffic mirroring interface IP of your SPDT.
 - **SPDT Pool name:** Enter the SPDT pool name that you want the virtual server to use, or use the default SPDT_Pool.
 - **Add ICMP Health Check:** Choose whether or not to perform the ICMP Health Check for pool members. The ICMP Health Check is performed in intervals of 45 seconds.
 - **Application Virtual Server to mirror traffic to SPDT:** Select the virtual server of your application. Once the virtual server is selected, all traffic that goes through this virtual server mirrors to the SPDT system.
6. Click **Finished**.

Disabling Strict Updates

After you initially create the iApp in the BIG-IP, by default the iApp is created so that you cannot make any configuration changes to the components of the iApp, such as iRules, pool members, and pool nodes.

You can change this default setting so that you can make changes to the iApp's components as follows:

1. In the Main tab in the BIG-IP, go to **iApps>Application Services>Applications**.
2. In the iApp list, click on the iApp.
3. Click on the **Properties** tab.

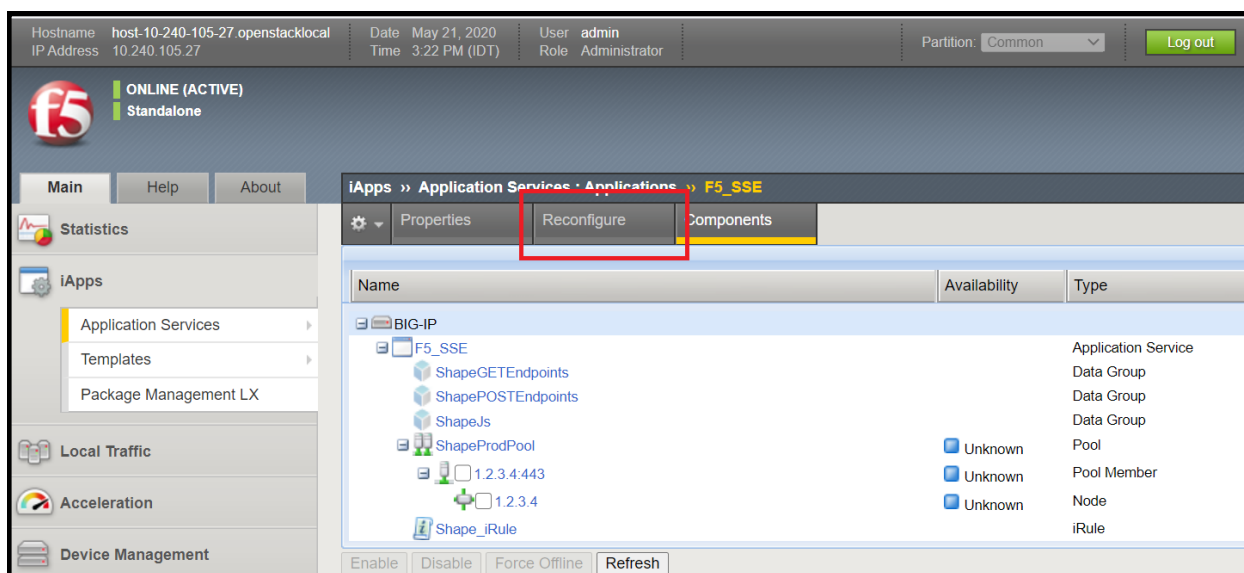


4. At Application Service, select **Advanced**.
5. For Strict Updates, remove the check in the check box.
6. Click **Update**.

How to upgrade an iApp with a new template

If you have an existing iApp and want to upgrade it with a new template, follow these instructions:

1. Import the new template to the BIG-IP, as explained in [Import the template to the BIG-IP](#).
2. In the Main tab in the BIG-IP, go to **iApps>Application Services>Applications**.
3. In the iApp list, click on the iApp that you want to upgrade.
4. Click on the **Reconfigure** tab (see below).



5. Click **Change**, next to the Template setting.
6. From the drop-down template list, select the new template that you imported.
7. For the F5_spdt template, assign values for the following settings:
 - **SPDT's traffic mirroring interface IP:** Enter the traffic mirroring interface IP of your SPDT.
 - **SPDT Pool name:** Enter the SPDT pool name that you want the virtual server to use, or use the default SPDT_Pool.
 - **Add ICMP Health Check:** Choose whether or not to perform the ICMP Health Check for pool members. The ICMP Health Check is performed in intervals of 45 seconds.
 - **Application Virtual Server to mirror traffic to SPDT:** Select the virtual server of your application. Once the virtual server is selected, all traffic that goes through this virtual server mirrors to the SPDT system.
8. Click **Finished**.

How to delete an iApp with a non-secured web server (HTTP)

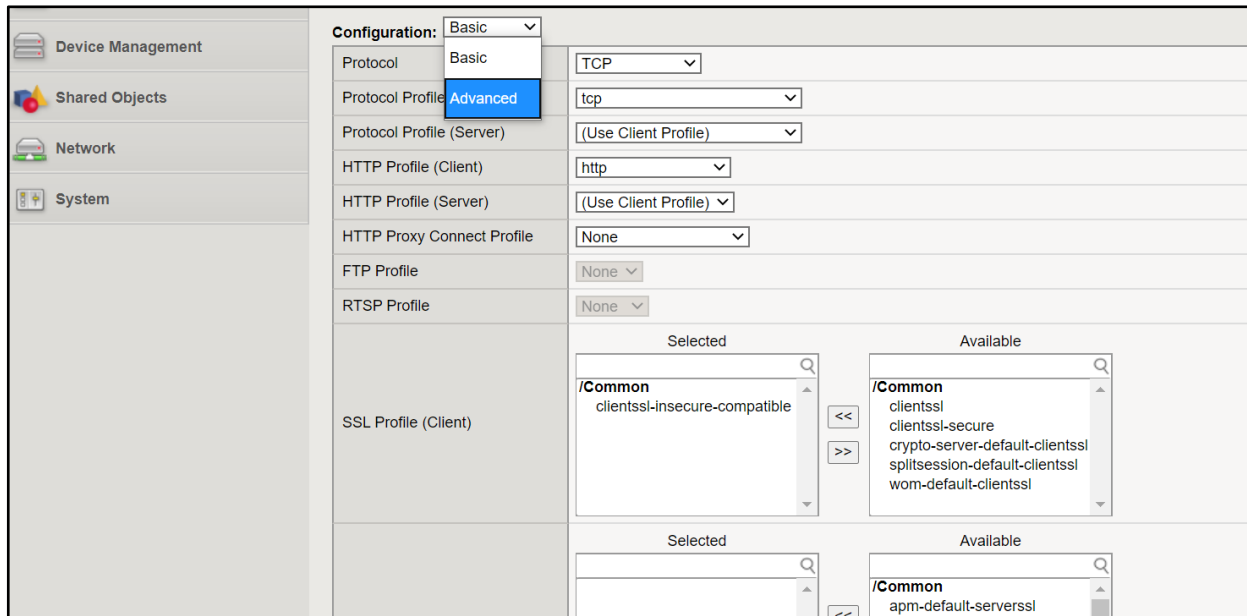
If you have a BIG-IP configuration backup, you do not need to perform the steps in this section and you can delete your iApp by performing the steps described here: [Restoring your BIG-IP system configuration](#).

If you do not have a BIG-IP configuration backup, perform the following steps to delete your iApp for a non-secured web server (HTTP):

1. In the Main tab in the BIG-IP, go to **Local Traffic>Virtual Servers>Virtual Server List**.
2. In the Virtual Server List, choose the virtual server that your iApp is using.

The Virtual Server Properties screen appears.

3. Scroll down to the Configuration section and select **Advanced**.



4. Scroll down to the Clone Pool (Server) setting and select **None** from the drop-down list.

Note: This removes the cloned pool from the Virtual Server.

5. Click **Update** at the bottom of the screen.
6. In the Main tab in the BIG-IP, go to **iApps>Application Services>Applications**.
7. In the iApp list, select the check box next to the iApp that you want to delete.
8. Click **Delete**.

How to delete an iApp with a secured web server (HTTPS)

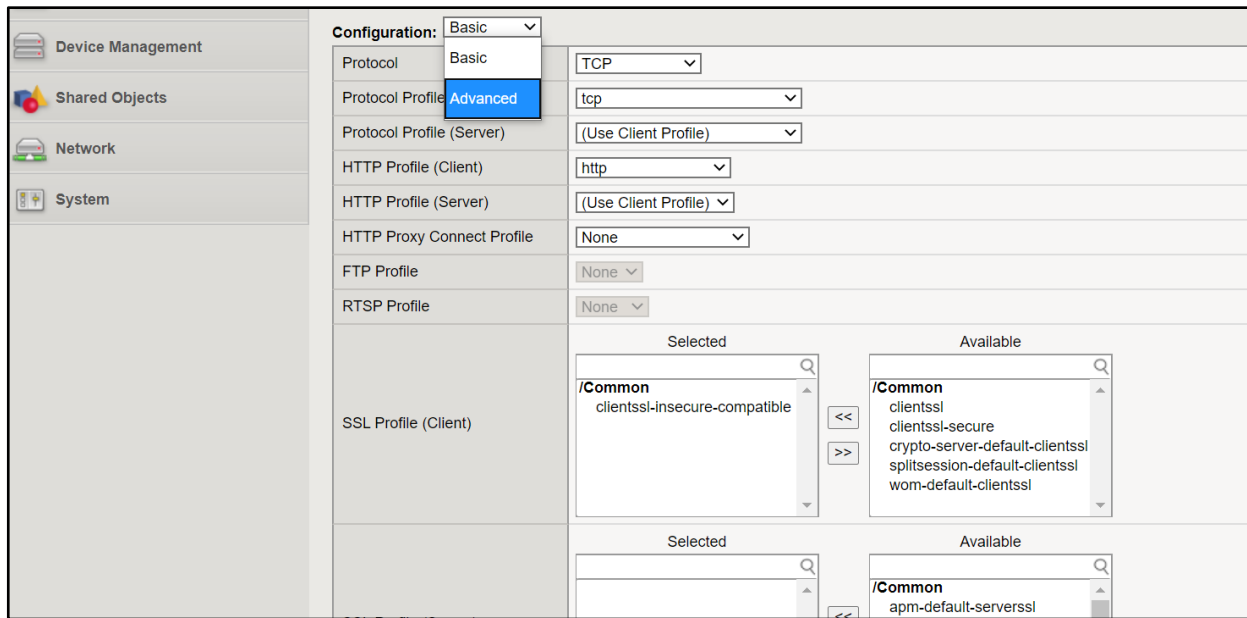
If you have a BIG-IP configuration backup, you do not need to perform the steps in this section and you can delete your iApp by performing the steps described here: [Restoring your BIG-IP system configuration](#).

If you do not have a BIG-IP configuration backup, perform the following steps to delete your iApp for a secured web server (HTTPS):

1. In the Main tab in the BIG-IP, go to **Local Traffic>Virtual Servers>Virtual Server List**.
2. In the Virtual Server List, choose the Virtual Server that your iApp is using.

The Virtual Server Properties screen appears.

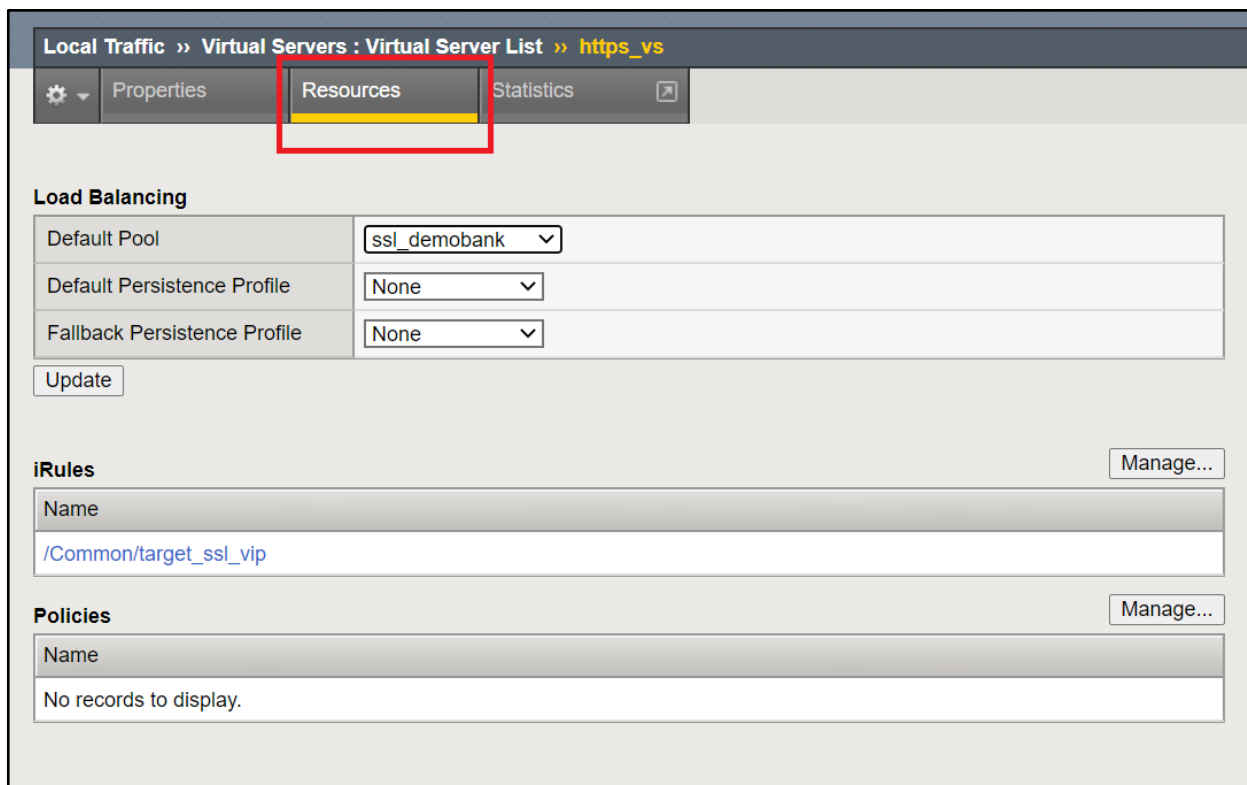
3. Scroll down to the Configuration section and select **Advanced**.



4. Scroll down to the Clone Pool (Server) setting and select **None** from the drop-down list.

Note: This removes the cloned pool from the Virtual Server.

5. Click **Update** at the bottom of the screen.
6. Click the **Resources** tab at the top of the page.



7. In the iRules section, click **Manage**.

The Resource Management screen appears.

8. In the Enabled section, select **target_ssl_vip** and move it to the Available section.
9. Click **Finished**.
10. In the Main tab in the BIG-IP, go to iApps>Application Services>Applications.
11. In the iApp list, select the check box next to the iApp that you want to delete.
12. Click **Delete**.
13. If you want to continue using the virtual server without the iApp, do the following:
 - a. Go to **Local Traffic>Virtual Servers>Virtual Server List** and choose the Virtual Server you used in your iApp.
 - b. In SSL Profile (Server) choose the certificate you used with your virtual server and move it from Available to Selected.
 - c. Click **Update** at the bottom of the screen.
 - d. Click the **Resources** tab at the top of the screen.
 - e. For the Default Pool setting, select the pool you previously used for your Virtual Server.
 - f. Click **Update**.
 - g. If you had iRules configured on your virtual server, add them in the same manner as you did in steps 7-9 above.