

# 使用静态主机，内容安全工具下载，更新或升级

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## 简介

本文描述IP地址并且主机需要配置您的思科内容安全工具为了用在下载、更新和升级的一台静态主机上。这些配置将用于硬件或虚拟思科电子邮件安全工具(ESA)，Web安全工具(WSA)，或者安全管理设备(SMA)。

## 使用静态主机，内容安全工具下载，更新或升级

思科提供有严格防火墙或代理需求的客户的静态主机。请注意，如果配置您的设备使用静态主机下载和更新，下载的一样静态主机，并且在防火墙和代理必须允许更新网络的。

这是在下载、更新和升级进程涉及的静态主机名、IP地址和端口：

- downloads-static.ironport.com 208.90.58.105 (端口80)
- updates-static.ironport.com 208.90.58.25 (端口80) 184.94.240.106 (端口80)

## 服务更新配置通过GUI

完成这些步骤为了更改下载、更新或者升级配置在AsyncOS从GUI：

1. 导航对更新设置配置页 WSA：**系统管理>升级和更新设置** ESA：**安全服务>服务更新SMA**：**系统管理>更新设置**
2. 单击**编辑更新设置....**
3. 在**更新服务器(镜像)**中请区分，选择"Local Update Servers (location of update image files)"。
4. 对于**基本URL**字段，请输入在<http://downloads-static.ironport.com>和为**端口**字段，端口的集**80**。
5. 空着**验证(可选)**字段。
6. (\*)仅ESA -主机(McAfee抗病毒定义、PXE引擎更新、Sophos抗病毒定义、IronPort反垃圾邮件规则、爆发过滤规则、DLP更新、时间区域规则和登记客户端(过去常常拿来URL过滤的证

书)字段，回车updates-static.ironport.com。(波尔特80可选。)

7. 留下更新服务器(列表)区分和字段所有集到默认思科IronPort更新服务器。
8. 如果必须保证您有选择当必要时接口为外部通信，在一个特定接口通信。默认配置将设置为**精选的自动**。
9. 验证并且更新已配置的代理服务器，如果必须。
10. 单击 submit。
11. 在右上角，请点击**进行更改**。
12. 最后，再请点击**进行更改**为了确认所有配置更改。

继续对本文的验证部分。

## updateconfig的配置通过CLI

同样更改可以通过在设备的CLI应用。完成这些步骤为了更改下载、更新或者升级配置在AsyncOS从CLI：

1. 运行CLI命令updateconfig。
2. 输入在setup命令。
3. 被提交的第一部分配置是“功能键更新”。使用‘2. 请使用拥有服务器’和输入<http://downloads-static.ironport.com:80/>。
4. (\*)仅ESA -被提交的第二部分配置是“服务(镜像)”。使用‘2. 请使用拥有服务器’和输入updates-static.ironport.com。
5. 其他配置提示可以被留下集合默认。
6. 如果必须保证您有选择当必要时接口为外部通信，在一个特定接口通信。默认配置将设置为**自动**。
7. 验证并且更新已配置的代理服务器，如果必须。
8. 按下返回回到主CLI提示符。
9. 运行CLI命令**进行保存所有配置更改**。

继续对本文的验证部分。

## 验证

### 更新

对于更新的验证在设备的从CLI验证是最佳的。

从CLI：

1. 运行updatenow。(\*)仅ESA -您能治军updatenow有所有服务和规则集更新。
2. 运行**尾标updater\_logs**。

您将要注意密切注意以下线路“[http://updates-static.ironport.com/..](http://updates-static.ironport.com/)”。这应该发信号通信和下载用静态更新服务器。

示例，从更新思科反垃圾邮件引擎(案件)和相关的规则的ESA：

```
Wed Aug 2 09:22:05 2017 Info: case was signalled to start a new update
Wed Aug 2 09:22:05 2017 Info: case processing files from the server manifest
Wed Aug 2 09:22:05 2017 Info: case started downloading files
```

```
Wed Aug 2 09:22:05 2017 Info: case waiting on download lock
Wed Aug 2 09:22:05 2017 Info: case acquired download lock
Wed Aug 2 09:22:05 2017 Info: case beginning download of remote file "http://updates-
static.ironport.com/case/2.0/case/default/1480513074538790"
Wed Aug 2 09:22:07 2017 Info: case released download lock
Wed Aug 2 09:22:07 2017 Info: case successfully downloaded file
"case/2.0/case/default/1480513074538790"
Wed Aug 2 09:22:07 2017 Info: case waiting on download lock
Wed Aug 2 09:22:07 2017 Info: case acquired download lock
Wed Aug 2 09:22:07 2017 Info: case beginning download of remote file "http://updates-
static.ironport.com/case/2.0/case_rules/default/1501673364679194"
Wed Aug 2 09:22:10 2017 Info: case released download lock
<<<SNIP FOR BREVITY>>>
```

只要服务通信，下载然后顺利地更新，您设置。

一旦服务更新完成，`updater_logs`将显示：

```
Wed Aug 2 09:22:50 2017 Info: case started applying files
Wed Aug 2 09:23:04 2017 Info: case cleaning up base dir [bindir]
Wed Aug 2 09:23:04 2017 Info: case verifying applied files
Wed Aug 2 09:23:04 2017 Info: case updating the client manifest
Wed Aug 2 09:23:04 2017 Info: case update completed
Wed Aug 2 09:23:04 2017 Info: case waiting for new updates
```

## 升级

为了验证升级通信是成功的并且完成，请导航到**Upgrade**页的系统并且点击可用的升级。如果可用的版本显示列表，然后您的设置完成。

从CLI，您能运行**upgrade**命令。如果有可用的升级，选择**下载**选项查看明显的升级。

```
myesa.local> upgrade
```

```
Choose the operation you want to perform:
```

- DOWNLOADINSTALL - Downloads and installs the upgrade image (needs reboot).
- DOWNLOAD - Downloads the upgrade image.

```
[ ]> download
```

```
Upgrades available.
```

1. AsyncOS 9.6.0 build 051 upgrade For Email, 2015-09-02 this release is for General Deployment
  2. AsyncOS 9.7.0 build 125 upgrade For Email, 2015-10-15. This release is for General Deployment
  3. AsyncOS 9.7.1 build 066 upgrade For Email, 2016-02-16. This release is for General Deployment.
  4. cisco-sa-20150625-ironport SSH Keys Vulnerability Fix
- ```
[4]>
```

## 排除故障

## 更新

当更新发生故障时，设备发送通知警报。这是通常已接收电子邮件通知的示例：

```
myesa.local> upgrade
```

Choose the operation you want to perform:

- DOWNLOADINSTALL - Downloads and installs the upgrade image (needs reboot).
- DOWNLOAD - Downloads the upgrade image.

[> **download**

Upgrades available.

1. AsyncOS 9.6.0 build 051 upgrade For Email, 2015-09-02 this release is for General Deployment
2. AsyncOS 9.7.0 build 125 upgrade For Email, 2015-10-15. This release is for General Deployment
3. AsyncOS 9.7.1 build 066 upgrade For Email, 2016-02-16. This release is for General Deployment.
4. cisco-sa-20150625-ironport SSH Keys Vulnerability Fix

[4]>

您将要测试从设备的通信到指定的更新服务器。在这种情况下，我们关注downloads-static.ironport.com。使用telnet，设备应该有在端口80的开放通信：

```
myesa.local> upgrade
```

Choose the operation you want to perform:

- DOWNLOADINSTALL - Downloads and installs the upgrade image (needs reboot).
- DOWNLOAD - Downloads the upgrade image.

[> **download**

Upgrades available.

1. AsyncOS 9.6.0 build 051 upgrade For Email, 2015-09-02 this release is for General Deployment
2. AsyncOS 9.7.0 build 125 upgrade For Email, 2015-10-15. This release is for General Deployment
3. AsyncOS 9.7.1 build 066 upgrade For Email, 2016-02-16. This release is for General Deployment.
4. cisco-sa-20150625-ironport SSH Keys Vulnerability Fix

[4]>

同样，应该为updates-static.ironport.com看到同样：

```
myesa.local> upgrade
```

Choose the operation you want to perform:

- DOWNLOADINSTALL - Downloads and installs the upgrade image (needs reboot).
- DOWNLOAD - Downloads the upgrade image.

[> **download**

Upgrades available.

1. AsyncOS 9.6.0 build 051 upgrade For Email, 2015-09-02 this release is for General Deployment
2. AsyncOS 9.7.0 build 125 upgrade For Email, 2015-10-15. This release is for General Deployment
3. AsyncOS 9.7.1 build 066 upgrade For Email, 2016-02-16. This release is for General Deployment.
4. cisco-sa-20150625-ironport SSH Keys Vulnerability Fix

[4]>

如果您的设备有多个接口，您可以希望从CLI运行telnet，并且指定接口，为了验证适当的接口选择：

```
myesa.local> upgrade
```

Choose the operation you want to perform:

- DOWNLOADINSTALL - Downloads and installs the upgrade image (needs reboot).
- DOWNLOAD - Downloads the upgrade image.

[> **download**

Upgrades available.

1. AsyncOS 9.6.0 build 051 upgrade For Email, 2015-09-02 this release is for General Deployment
  2. AsyncOS 9.7.0 build 125 upgrade For Email, 2015-10-15. This release is for General Deployment
  3. AsyncOS 9.7.1 build 066 upgrade For Email, 2016-02-16. This release is for General Deployment.
  4. cisco-sa-20150625-ironport SSH Keys Vulnerability Fix
- [4]>

## 升级

当尝试升级时，您可以发现以下答复：

```
myesa.local> upgrade
```

Choose the operation you want to perform:

- DOWNLOADINSTALL - Downloads and installs the upgrade image (needs reboot).
- DOWNLOAD - Downloads the upgrade image.

```
[ ]> download
```

Upgrades available.

1. AsyncOS 9.6.0 build 051 upgrade For Email, 2015-09-02 this release is for General Deployment
  2. AsyncOS 9.7.0 build 125 upgrade For Email, 2015-10-15. This release is for General Deployment
  3. AsyncOS 9.7.1 build 066 upgrade For Email, 2016-02-16. This release is for General Deployment.
  4. cisco-sa-20150625-ironport SSH Keys Vulnerability Fix
- [4]>

您将要查看在设备运行AsyncOS的版本并且查看您升级AsyncOS版本的版本注释。很可能，没有从您运行到版本您尝试升级的版本的升级路径。

如果升级对一热补丁程序(HP)，早期部署(ED)或者有限部署(LD) AsyncOS版本，您可能需要开支持案件为了请求适当的供应完成，为了您的设备能发现升级路径当必要时。

## 相关信息

- [思科电子邮件安全工具-版本注释](#)
- [思科Web安全工具-版本注释](#)
- [Cisco安全管理设备-版本注释](#)
- [技术支持和文档 - Cisco Systems](#)