

升级TMS终端

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简介

本文档介绍通过网真管理套件(TMS)升级终端的新步骤。有一个新的应用编程接口(API)，从此版本起，终端本身从思科TMS检索软件包。软件版本TC6的版本说明中记录了这一点。

升级终端

当您通过系统升级菜单升级TMS中的终端时，会发生以下情况：

1. TMS启动与终端的连接。
2. 终端为代码执行HTTP POST，同时提供其自己的详细信息：

```
POST /tms/public/external/management/systemmanagementservice.aspx HTTP/1.1
```

```
Host: 10.48.36.42
```

```
Accept: */*
```

```
Content-Type: text/xml; charset=utf-8
```

```
User-Agent: Cisco/TC
```

```
Accept-Charset: ISO-8859-1,utf-8
```

```
Content-Length: 759
```

```
<?xml version="1.0" encoding="utf-8"?><env:Envelope xmlns:
env="http://schemas.xmlsoap.org/soap/envelope/"
xmlns="http://www.tandberg.net/2004/11/SystemManagementService/">
<env:Body
xmlns="http://www.tandberg.net/2004/11/SystemManagementService/">
<PostEvent>
<Identification>
<SystemName>NewYork</SystemName>
<MACAddress>00:50:60:08:54:C6</MACAddress>
<IPAddress>10.10.0.180</IPAddress>
<ProductType>TANDBERG Codec</ProductType>
```

```
<ProductID>Cisco Codec</ProductID>
<SWVersion>TC7.0.2.aecf2d9</SWVersion>
<HWBoard>101790-6 [B0]</HWBoard>
<SerialNumber>FTT1703007B</SerialNumber>
</Identification>
<Event>Boot</Event>
</PostEvent></env:Body>
</env:Envelope>
```

3. TMS回复200 OK，通知终端将软件下载到何处，以及是否在TMS版本密钥上输入：

HTTP/1.1 200 OK

Cache-Control: private, max-age=0

Content-Type: text/xml; charset=utf-8

Date: Wed, 12 Mar 2014 14:01:06 GMT

Content-Length: 1420

```
<soap:Body>
  <PostEventResponse
    xmlns="http://www.tandberg.net/2004/11/SystemManagementService/">
    <PostEventResult>
      <Management>
        <Command>
        </Command>
        <Software>
          <ReleaseKey />
          <SessionId>
            4fae46a9-2e37-4edc-b3dc-97dbde2dc282
          </SessionId>
          <Package>
            <VersionId>
              TC6.3.0
            </VersionId>
            <URL>

http://10.48.36.42/tms/public/data/SystemSoftware/s52010tc6_3_0.pkg
          </URL>
          </Package>
          <Feedback>
            <URL>
              http://10.48.36.42/tms/public/feedback/code.aspx
            </URL>
          </Feedback>
        </Software>
      </Management><
```

4. 终端下载软件：

GET /tms/public/data/SystemSoftware/s52010tc6_3_0.pkg HTTP/1.1

Host: 10.48.36.42

Accept: */*

Content-Type: text/xml; charset=utf-8

User-Agent: Cisco/TC

Accept-Charset: ISO-8859-1,utf-8

您还可以在终端 (all.log文件) 上的日志中看到以下 :

```
appl[1642]: 63256.49 PROV I: provision(): software upgrade
url='http://10.48.36.42/tms/public/data/SystemSoftware/s52010tc6_3_0.pkg'
release-key=''appl[1642]: 63256.50 PROV I: Starting normal download
appl[1642]: 63256.50 PROV I: Starting download from
http://10.48.36.42/tms/public/data/SystemSoftware/s52010tc6_3_0.pkg
to //upgrade/pkg.tmp
```

...

```
appl[1642]: 63429.93 PROV I: HttpDownloader(this=0x42411588):
done downloading 297386594B (from http://10.48.36.42/tms/public/data/
SystemSoftware/s52010tc6_3_0.pkg to //upgrade/pkg.tmp)
```

...

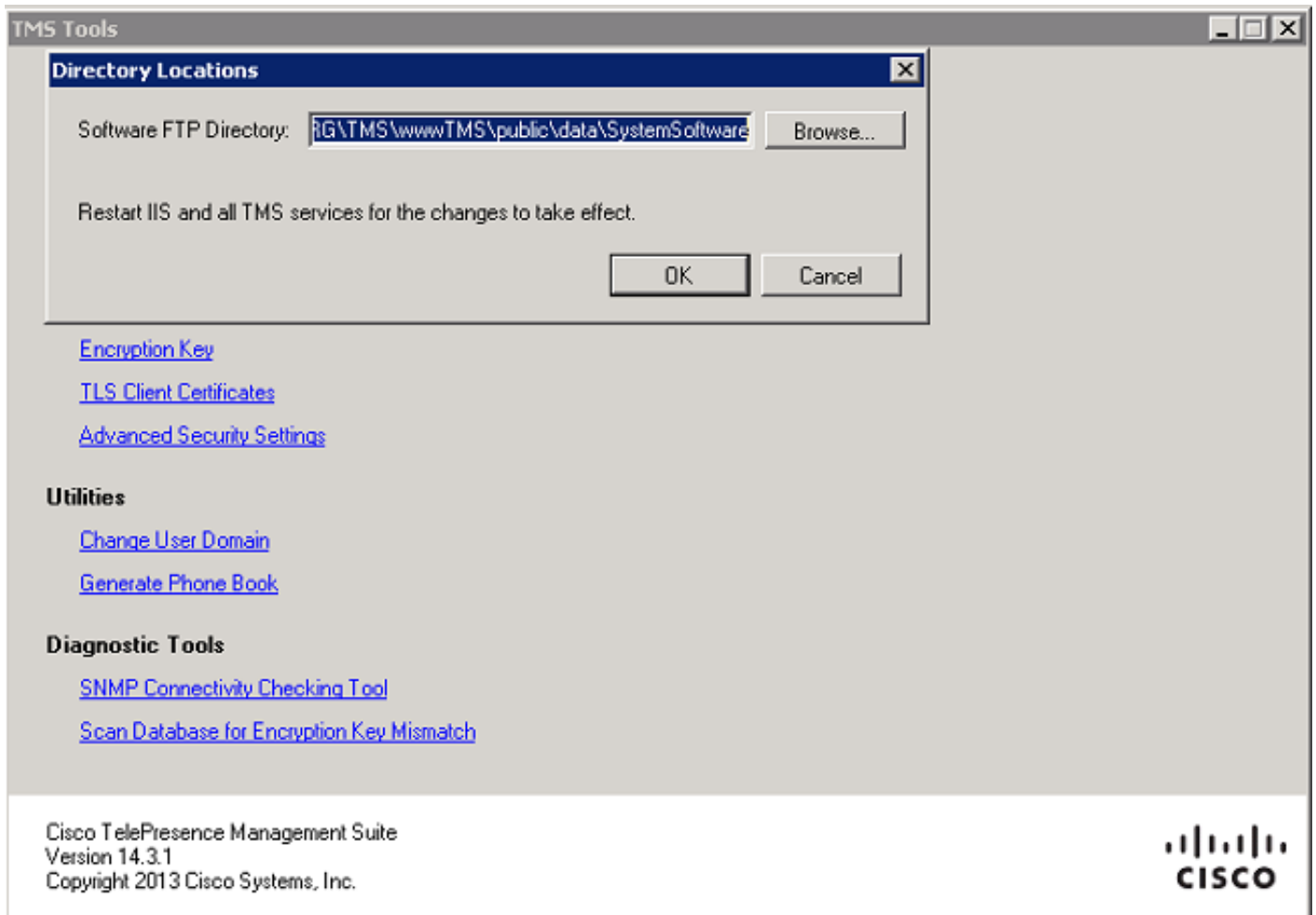
```
appl[1642]: 63429.93 PROV I: Renaming from //upgrade/pkg.tmp
to //upgrade/image to start seeding
```

...

```
[1642]: 63489.96 PROV I: Renaming from //upgrade/image to //upgrade/pkg
to start upgrade
```

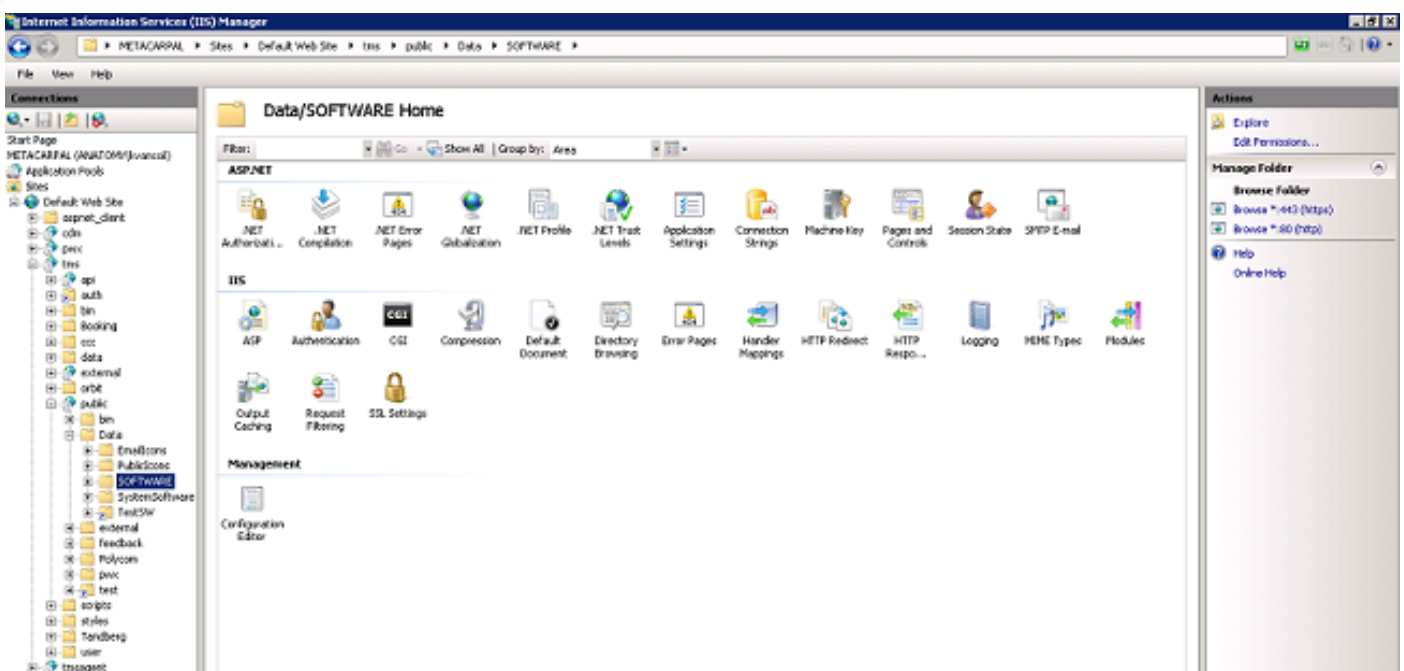
检查TMS。

在TMS上，您可以配置用于软件映像的目录。单击**TMS Tools -> Directory Locations**:



您可以看到在“管理工具”->“配置”——>“常规设置”——>“软件FTP目录”下配置的内容。

注意：目录必须是\\wwTMS\\的子文件夹，并且TMS服务帐户必须具有写权限。此文件夹需要由IIS托管。检查此情况的最简单方法是打开Internet信息服务(IIS)管理器，浏览到该文件夹，然后单击右菜单中的浏览。



在“管理工具”(Administrative Tools)->“配置”(Configuration)->“网络设置”(Network Settings)->“可下载软件包的URL”(URL Where Software Packages Can Download)下也有一个设置，但这不适用于

运行TC版本6.x及更高版本的终端。