

1. Confirm normal SMS Reporting site works for your target audience, from a standard computer that your target audience would use.
 - a. Specifically, check the reports of “computers for a specific user name” and “Software registered in Add Remove Programs on a specific computer”. Both of those reports are in a default install of Ron's Console 3.21
2. Download the original 3.21 --> <http://www.myitforum.com/articles/19/view.asp?id=8662>
3. Download the updated filtersample.asp --> <http://myitforum.com/cs2/blogs/rcrumbaker/archive/2006/05/10/SMS-2003-Web-Remote-Tools-Update.aspx>

Connect interactively (RDP session) to your Windows Server 2008 hosting the Reporting Point.

4. Source Folder for IIS Virtual Directory
 - a. (Assumption: Drive D: is an available drive on the Reporting point server. Substitute D: for an appropriate drive letter).
 - b. Create a folder on D: called "SMSRemote"
 - c. Extract the files from the 3.21 download and the filter update into [d:\smsremote](#)
 5. Create Virtual Directory in IIS Administrator
 - a. Launch IIS Manager (Start, programs, administration tools, Internet Information Services Manager).
 - b. Expand <your Server Name>, then Sites, then Default Web Site. Right-click Default Web Site, choose "Add Virtual Directory..."
 - c. Input Alias of SMSRemote. Physical path is D:\SMSRemote. Click OK.
 - d. On the right, “Edit Permissions”. Add the group “SMSRemoteUsers”, with Readonly rights.
 - e. Double-click "Authentication" under IIS. Change Windows Authentication from Disabled to Enabled (right-click, enable). Change Anonymous Authentication from Enabled to Disabled (right-click, disable)
 6. Files & registration
 - a. Copy d:\smsremote\mfc70u.dll and mfc70.dll to <your ConfigMgr Installation Folder\bin\i386>
 - b. Find your SMSReporting_<sitecode> folder; generally it will be in c:\inetpub\wwwroot\SMSReporting_AT9. Copy the file 'global.asa' from that folder to [d:\SMSRemote](#)
 7. Share remote\$\ol style="list-style-type: none;"> - a. In Explorer, find <your ConfigMgr Installation Folder>\bin. Right-click the folder i386, and choose Properties. Go to the Sharing Tab, and click "Advanced Sharing..."
 - b. Select 'Share this folder'. Change the sharename from the default of i386 to Remote\$
8. Configure Rights
 - a. Database Rights
 1. Create a new, local group on the Server hosting the SQL database called "SMSRemoteUsers". Add any authorized users (or groups) of the WebRemote Console into this new local group.
 2. Add SMSRemoteUsers to the local group “SMS Admins”
 3. Launch SQL 2005 Management Studio. Connect to the server hosting your Primary Central database. +Security, +Logins, add a login for <LocalServerName>\SMSRemoteUsers
 4. Under +Databases, +YourDatabase, +Security, +Users, add the newly added login. Under "Database role membership", add "db_datareader" and “smsschm_users”
 - b. Rights to the remote\$ share
 1. (These instructions presume your Database is hosted on the same server as your Reporting Point. If that is incorrect, create a new, local group on the server hosting the Reporting point

- called "SMSRemoteUsers", and add any authorized users/groups of the Web Remote Console into this new group).
2. Check NTFS Permissions on <your ConfigMgr folder\bin\i386. Grant NTFS Read Access to the local group <yourservername>\SMSRemoteUsers to the files in this folder.
9. Customize files located in [d:\smsremote](#)
 - a. Admin.asp
 1. Edit line 22 - This will need to be the FQDN of the Domain.
'You will need to edit the following line to fit your environment.
UserDomain = "Domain.Domain.com"
 - b. Default4.asp
 1. Edit line 12
<!--'You will need to edit the following line to fit your environment. SMSSiteCode is your SiteCode of your SMS Server Name.-->
<p align="center"></p>
 2. Edit line 19
<!--'You will need to edit the following line to fit your environment. SMSSiteCode is your SiteCode of your SMS Server Name.-->
<p align="center"></p>
 - c. Default.asp
No Changes required
 - d. Filter.asp
 1. Edit Line 54 - Modify SQLMachine = to be your server hosting the SQL Database for ConfigMgr
 2. Edit Line 55 - Modify SMSSiteCode = to be your SiteCode.
 - e. MachRest.Asp
 1. Edit Line 16
'You will need to edit the following line to fit your environment. SMSServerFQDN is your FQDN of your SMS Server Name. SMSServer.DomainName.Domain.com . Additionally, change FilterSample.asp to Just Filter.ASP
 2. window.open "//SMSServerFQDN/smsremote/FilterSample.asp?ReportID=1",
"filter", "resizable=yes,scrollbars=yes,width=300,height=350,top=100,left=100"
 3. Edit Line 31
'You will need to edit the following line to fit your environment. SMSServer = Your SMS Server.
Leave the ""
strSiteServer = "SMSServer"
 4. Edit Line 33
'You will need to edit the following line to fit your environment. SMSSite Code = Your 3 Digit Site Code. Leave the ""
strSiteCode = "SMSSiteCode"
 5. Edit Line 35
'You will need to edit the following line to fit your environment.
strStandingAdvertID = "SMS0001B" 'For Example: "XR10001c" this is the topmost collectionID of the collections tree that you want in the drop down
 6. Edit Line 131
!new! Comment out the Set myReporting = line
<!--Set myReporting = Server.CreateObject("SMSComponent.SMSReporting")
--->
 7. Edit Line 147
'You will need to edit the following line to fit your environment. SMSServer = Your SMS Server

Name

```
Set objPing = GetObject("winmgmts://SMSServer/root/default:PingPoller")
```

8. Edit Line 149

'You will need to edit the following line to fit your environment. SMSServer = Your SMS Server Name

```
path = \\SMSServer\remote$\remote.exe
```

9. Edit Line 155

'You will need to edit the following line to fit your environment. SMSServer = Your SMS Server Name

```
oWshShell.run path & " 2 " & addresses(ubound(addresses)) & " \\SMSServer\",0,false
```

10. Edit Line 167

'You will need to edit the following line to fit your environment. = Your 3 digit Site Code. Remove the <>. parent.frames.output.location.href "/SMSReporting_/Report.asp?ReportID=1&variable=" & CompName

11. Edit Line 203

'You will need to edit the following line to fit your environment. = Your 3 digit Site Code. Remove the <>. parent.frames.output.location.href. **!New!** Additionally, ReportID=97 may NOT be the report "Software Registered in Add Remove Programs on a specific comptuer". It depends if you upgraded from SMS2003 to ConfigMgr. If this button does not report Add/Remove Programs data, check your ConfigMgr Console, Reports, and find that program, and note the Report ID. In my lab, the report id was 93, not 97. "/SMSReporting_/Report.asp?ReportID=97&computername=" & CompName & "&SortRs1Col=1&SortRs1Dir=1"

12. Edit Line 213

'You will need to edit the following line to fit your environment. = Your 3 digit Site Code. Remove the <>. parent.frames.output.location.href "/SMSReporting_/Report.asp?ReportID=12&variable=" & CompUser

13. Edit Line 219

'You will need to edit the following line to fit your environment. SMSRemote is the Virtual Directory for this tool. parent.frames.output.location.href "/smsremote/Admin.asp"

14. Edit Line 229

a. 'Currently this function requires the SMS Admin Console to be installed on the local system 'You will need to edit the following line to fit your environment. SMSServer = Your SMS Server. = Your 3 digit Site code. Remove the <>.

```
i=WShell.run ("mmc C:\smsadmin\bin\i386\explore.msc -s -sms:ResExplrQuery=" & Chr(34) & "Select ResourceID From SMS_R_SYSTEM Where Name = " & CompName & "" & Chr(34) & " -sms:connection=\\SMSServer\root\sms\site_ ")
```

15. Edit Line 279

'You will need to edit the following line to fit your environment. SMS Server = Your SMS Server Name

```
strsiteserver = "SMS Server"
```

16. Edit Line 281

'You will need to edit the following line to fit your environment. Sitecode = your 3 digit site code for SMS

```
strSiteCode = "SITECODE"
```

17. Edit Line 374

The following lines will need to be edited for your location - Edit SMSServer to be your sms server name

```
Set objPing = GetObject("winmgmts://smsserver/root/default:PingPoller")
```

18. Edit Line 400

'You will need to edit the following line to fit your environment. This is your SQL Server Name
ServerName = SQL Server

19. Edit Line 402

'You will need to edit the following line to fit your environment. This will be the SMS Database Name.

DataBase = SQL_DatabaseNameforSMS

10. At a client computer logged in as an account in the “SMSRemoteUsers” group, modify Internet Options, Security, as follows:
- Trusted Sites, Sites... Add <http://<yourServerName>>, uncheck “Require Server verification”.... Close
 - Custom Level button, scroll down to the ActiveX controls and plugins section. Change from Prompt or Disable to Enable for ActiveX controls.
11. Additional Notes -- Since 3.21 was originally released, there have been several minor adjustments published by the author or other users of the console.
- Remote Control** - <http://myitforum.com/cs2/blogs/cstauffer/archive/2008/07/01/configmgr-2007-replacement-remote-control-button-for-ron-s-web-console.aspx>
 - Resource Explorer** Replace the Resource Explorer button with a link to MachDetails. This would be useful for those environments which do not deploy the Admin Console along with the web page.
<http://myitforum.com/cs2/blogs/skissingner/archive/2006/09/06/Machine-Details-instead-of-Resource-Explorer-2D00-Ron-Crumbaker-2700-s-Web-Remote-Tools.aspx>
 - Refresh Machine Policies** Replace the code behind the Refresh Machine Policies for those environments which do not deploy the Admin Console along with the web page.
<http://myitforum.com/cs2/blogs/skissingner/archive/2007/04/04/remove-dependency-on-smssend-vbs-rcrumbaker-web-remote-tools-v3-21.aspx>
 - General** trim variables to eliminate spaces.
<http://myitforum.com/cs2/blogs/skissingner/archive/2006/09/01/Eliminate-spaces-in-2700-compname-2700-2D00-Ron-Crumbaker-2700-s-Web-Remote-Tools.aspx>
 - Other tweaks**
 - <http://myitforum.com/cs2/blogs/rcrumbaker/archive/tags/SMS+Web+Remote+Tool/default.aspx> is where Ron Crumbaker posts any updates or announcements.
 - <http://myitforum.com/cs2/blogs/skissingner/archive/tags/RCrumbaker+3.21+Customizations/default.aspx> has several tweaks or additional buttons that may or may not be of interest.
 - <http://myitforum.com/cs2/blogs/bleary/archive/2006/11/14/adding-mouse-hover-tips-to-ron-crumbaker-s-web-remote-tool.aspx> is another tip.