

Seagate Holos Web Gateway

Quick Installation Guide for NT

Overview

This document is designed as a quick guide for installing the Seagate Holos Web Gateway on a NT platform. It should be used by technicians that have previously installed the Seagate Holos Web Gateway on a NT system that need to be reminded of the order in which to carry out the various task required during installation.

This document is not intended to replace the existing installation guide. This should still be used as a comprehensive reference and by technicians installing the Seagate Holos Web Gateway for the first time.

Steps to Installing Seagate Holos Web Gateway

1. Set up following system environment variables:

```
holos_web      c:\holos\70a2\distribution\holos_web\  
holosps_web   c:\holos\70a2\distribution\holosps_web\  
and create these directories.
```

2. Reboot the system.

3. Start holos on the server, start the Holos client, press <Ctrl>+C, and type in:

```
execute "holos_support:install.hl"  
install
```

On the file picker choose the file install.hl on the CD-ROM, e.g. e:\webgway\install.hl and open it. In the next window click on "Toolkit and Quickstart Application" and click on OK.

NOTE: During the installation process you'll see an error message about not being able to copy web.pdf. You can copy this file after the installation manually into c:\holos\70a2\distribution\holos_web\

4. After the installation you'll get in following directories

```
c:\holos\70a2\distribution\holos_web\  
c:\holos\70a2\distribution\holos_web\tempcgi\  
and the following files:
```

```
fpa.exe, qs.exe, holoscgi.exe, holoscgi.ini,  
web_language.dll
```

You have to copy them on the Web server to following locations:

```
c:\InetPub\wwwroot\holos\          fpa.exe  
c:\InetPub\wwwroot\holos_qs\      qs.exe  
c:\InetPub\Scripts\              holoscgi.exe  
c:\InetPub\Scripts\              web_language.dll  
c:\InetPub\Scripts\              holoscgi.ini
```

Then execute fpa.exe and qs.exe (these are self-extracting zip files) and delete them.

In the Internet Service Manager, make sure that the c:\InetPub\Scripts directory has read and execute access. Additional create a new alias "cgi-bin" referring to c:\InetPub\Scripts

To invoke the Internet Service Manager, go to Start->Programs->Microsoft Peer Web Services (common)->Internet Services Manager.

If the Internet Service Manager isn't yet set up on the Web server machine, you can easily set it up as follows:

- open the Network applet in the control panel
- click on the Services tab and then on the Add button
- in the Network Services list, select Microsoft peer Web Server and then click OK
- a box containing the A:\I386 path will pop up
- modify the path to c:\I386 and then click OK
- the Peer Web Services Set up program will start
- In the set up, you have got to select some of the following services: Internet Service Manager, World Wide Web service, WWW service sample, Internet Service Manager (HTML), Gopher service, FTP service, ODBC drivers and administration
- Only the 2 first services are necessary, but you can set up the other as well. You will find their description clicking on the help button. However, do not select the ODBC drivers and administration service, it could mess up your ODBC layer
- Once the services selected, click OK and let the set up running
- Wait for the installation to be successful

Start the Internet Service Manager and do the changes mentioned above on the c:\InetPub\Scripts directory.

Basic test of the Holos Web Broker

Open a command window, go to %holos_distribution% (e.g. c:\holos\70a2\distribution), and type in following two commands

```
logicals.bat  
runweb webtest.hl 1
```

You'll see the messages

```
Server 1 starting  
Server 1 ready
```

Open a second MS-DOS window, go to c:\InetPub\Scripts and type in:

```
holoscgi.exe
```

In the first MS-DOS window you should see messages like:

```
Server 1 handling request  
Sending CGI reply  
Server 1 ready
```

Then close the second window. In the first MS-DOS window press <CTRL>+C to stop the Web Broker and type in

```
holoswb x
```

to shut it down.

The basic installation is complete.

Testing the Holos web application using the Quick Start Application:

Open a command window, go to %holos_distribution% (e.g. c:\holos\70a2\distribution) and type in following two commands

```
logicals.bat  
runweb holosp_s_web:example.hl
```

Start a web browser and go to http://server/holos_qs/index.htm

Additional tips and tricks

Change to another port

Change the port to a non-used one (check netstat -a and ~etc\services) and set serv_tcp_port in:

```
c:\InetPub\scripts\holoscgi.ini (Microsoft IIS)
c:\InetPub\cgi-bin\holoscgi.ini (Netscape server)
```

```
c:\holos\70a2\distribution\holosweb.ini
```

(only if you are in a two host set up configuration, this file is a copy of the holoscgi.ini which doesn't need to be copied in single host set up configuration)

MS IIS

In the Internet Service Manager, make sure that the c:\InetPub\scripts directory has read and write access. Additionally create a new alias "cgi-bin" referring to c:\InetPub\scripts. Netscape Server uses the directory cgi-bin instead of scripts.

Holoscgi

holoscgi needs execute and read access to the virtual directories cgi-bin and scripts.

ASP

Active Service Pages install and create a virtual directory called cgi-bin. That means you can't create the virtual directory cgi-bin referring to scripts

Workaround: copy the three files holoscgi.exe, web_language.dll and holoscgi.ini into the directories c:\InetPub\cgi-bin\scripts AND c:\InetPub\cgi-bin\cgi-bin

Two host setup

Copy the file c:\InetPub\scripts\holoscgi.ini to c:\holos\70a2\distribution\holosweb.ini and change the values in the file as shown in the graphic below

Holos Server (Web Broker)

```
c:\holos\70a2\distribution\holosweb.ini
"serv_tcp_port" = "2020"
"serv_host_addr" = "holos_server_name"
```

Web Server (CGI)

```
c:\InetPub\Scripts\holoscgi.ini
"serv_tcp_port" = "2020"
"serv_host_addr" = "holos_server_name"
```

.. and use the TCP address instead of the holos host name

Port setup

Change the port to a non-used one (check netstat -a and c:\winnt\system32\drivers\etc\services) and set serv_tcp_port in holosweb.ini and holoscgi.ini

Check for free port

use "netstat -a" or "telnet localhost <port>" to check c:\winnt\system32\drivers\etc\services for a free port

Do not use on WinNT port number 2500 or 2100

Webserver root not /

In a setup the webserver root directory was not / but /wwwroot

That means Holos couldn't find /holos or /holos_qs because they were now /wwwroot/holos and /wwwroot/holos_qs

Workaround was to create two new virtual directories, /holos and /holos_qs linking to these physical directories