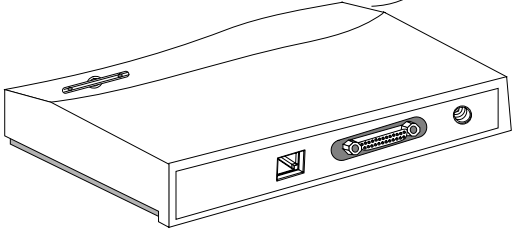
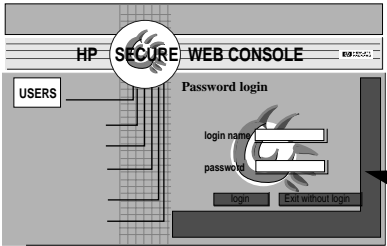


J3591A HP Secure Web Console



Secure console access ...

HP Manufacturing
Part Number
J3591-90101

Edition 2 E08/98
Printed in U.S.A.



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| | |
|---------------------------|---------------------------|
| Publication Number | Applicable Product |
| J3591-90101 | J3591A |
| Edition 2 | |
| August 1998 | |

Warranty

The HP Secure Web Console (J3591A) has a one-year return-to-HP limited hardware and firmware warranty.

Hewlett-Packard warrants this product against defects in materials and workmanship for the duration of the warranty period, commencing on the date of purchase from HP or an HP-authorized reseller.

If your HP Secure Web Console requires warranty service, contact your HP-authorized reseller or local HP representative for assistance.

For defects that occur during the warranty period, HP will, at its option, either repair or replace the defective product, or refund the purchase price. For information on how to contact HP, consult the WEB site <http://www.hp.com/go/webconsole>.

This warranty does not apply to defects resulting from improper or inadequate maintenance by the customer; customer-supplied software, interfacing, supplies, unauthorized modification or improper use, operation outside the published environmental specifications for the product, or improper site preparation or maintenance by the customer.

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Java™ is a registered trademark of Sun Microsystems Inc. Internet Explorer™ is a registered trademark of Microsoft Corporation. Netscape™ and Netscape Navigator™ are registered trademarks of Netscape Communication Corporation.

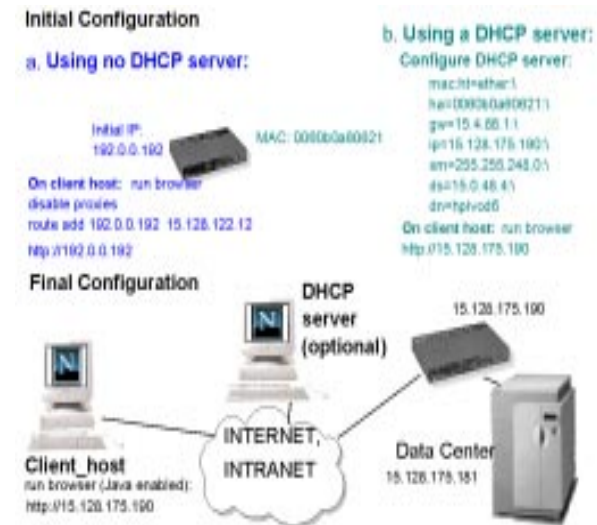
Pre-Installation notes:

You should have obtained an IP address and a subnet mask for the HP Secure Web Console, and know the name of the system to be administered.

The HP Secure Web Console comes with complete online support information on the World Wide Web at <http://www.hp.com/go/webconsole>. Select “**SUPPORT**”, and “**FAQ’s**”, or “**Downloading & Patches**”, or “**Troubleshooting Tools & Flowcharts**”, and “**Troubleshooting Flowcharts**”. In the “FAQ’s”, check the list of **supported WEB browsers** (Internet Explorer™ or Netscape Navigator™) versions; on your WEB browser, enable Java™ and Java™ scripts.

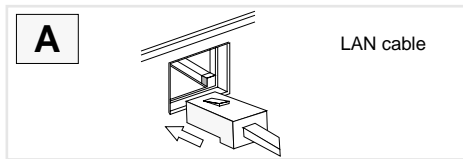
Need Help? Follow the troubleshooting steps. For detailed information on support from the World Wide Web, refer to page 7 of this document.

Configuration Example:

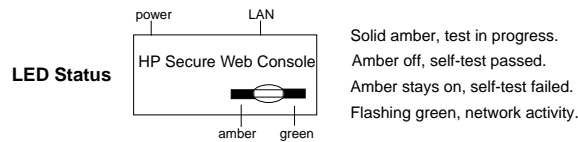


Hardware Installation

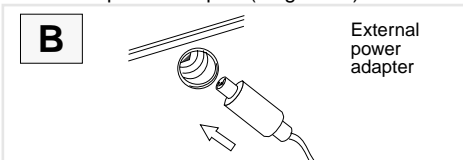
1. Connect the LAN RJ45 cable (diagram A).



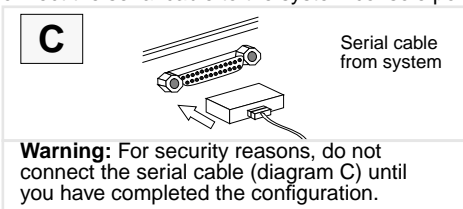
2. Connect the external power adapter to a wall socket. The device performs hardware and firmware self-tests, then starts the software boot sequence.



3. Connect the power adapter (diagram B).



4. Connect the serial cable to the system console port



Note: Step C should be executed only after the Initial Configuration is completed.

Initial Configuration

Overview

The HP Secure Web Console comes with a pre-configured IP address 192.0.0.192. An Initial Configuration step is required to assign the final IP address to the HP Secure Web Console.

A. If you have a DHCP server, you first need to configure the following entry for the HP Secure WEB Console into the DHCP server configuration file:

| | |
|--|-----------------------------|
| Example (<i>customize italics</i>): | Field meaning: |
| mac=ht=ether: \ ha=0060b0a6021:\ | hardware type: ether |
| gw=15.128.125.1:\ | Hardware address (ethernet) |
| ip=15.128.175.190:\ | gateway address |
| sm=255.255.248.0:\ | WEB Console IP address |
| ds=15.0.48.4:\ | subnet mask |
| dn=hplvod6 | domain name server IP addr |
| | domain name of WEB console |

To activate this entry, execute on the DHCP server: bootpd < DHCP configuration file >

When the HP Secure WEB Console is first powered-on, the DHCP server assigns to it the IP address mapped to its MAC address. This is only executed if the HP Secure WEB Console IP address is 192.0.0.192.

Connect the serial cable to the console port (see graph C p. 4). From a PC or Workstation, run a browser with `http://<Console IP address>` and follow the instructions on the screen.

B. If you have no DHCP server, you need to connect to the HP Secure Web Console over the LAN using its 192.0.0.192 IP address.

Note: For this initial step, your HP Secure Web Console must be on the same physical LAN as the client_host (no intermediate IP router); you may temporarily connect the HP Secure Web Console to your client_host's LAN and move it to its final location only after the final IP address has been assigned to it.

Note: Power-off any other devices having the same 192.0.0.192 IP address (Check that "ping 192.0.0.192" does not reply before you power-on the HP Secure WEB Console).

Run a web browser from a **client_host** (PC or a Workstation) on the same IP subnet as the HP Secure WEB Console.

1. **Disable Proxies** (use "no Proxies" or temporarily add 192.0.0.192 to the list of URLs for which no proxy is configured), **enable Java™** and Java™ scripts.
2. **Enter the following commands into either a DOS or UNIX window on the client_host** (PC or Workstation where your browser is running) to configure the HP Secure Web Console and add it to the gateway list:

a. **route add 192.0.0.192 <client_host IP address>**
Example: route add 192.0.0.192 15.128.122.12

b. **ping 192.0.0.192.** If ping is successful, follow the instructions Step 7, else proceed with Step c below.

c. **arp -s 192.0.0.192 < WEB Console MAC_address>**
The MAC address of the HP Secure Web Console is marked on the top of the device and also on the box used for shipment.

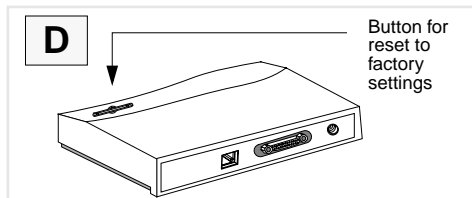
Note: the MAC address must be entered in the appropriate format, as shown below:

PCs: 00-60-b0-22-3e-ae
UNIX Workstations: 00:60:b0:22:3e:ae

Note: During the configuration of your HP Secure Web Console, you must configure an IP gateway in the "configure IP" screen. If you do not have a valid IP gateway, enter the same IP address as you entered for the HP Secure Web Console.

7. Access the device through your Web browser on the same subnet by typing the following URL: **http://192.0.0.192.**
8. Follow the instructions on the screen:
 - * **User Parameters:** configure a User Administrator
 - * **Network Parameters:** Web Console IP address, system name
The Console will then **reboot** automatically.
9. Now you can connect the serial cable (diagram C p. 4).

❑ Resetting the Configuration



It may be necessary to reset your HP Secure Web Console to the factory settings if, for example, the password has been lost.

Warning! All configuration data will be lost.

1. Power off the console by unplugging the power cable.
2. Press the button on the top of the console (as shown in diagram D) and keep it pressed.
3. Power on the box by replugging the power cable.
4. Release the button after a couple of seconds.

Follow the Initial Configuration steps again.

❑ Support from the World Wide Web

HP provides product and support information from the World Wide Web to enable you to identify and resolve problems. You can access this site at:

<http://www.hp.com/go/webconsole>

World Wide Web Site Overview:

- **PRODUCT** provides Product supported features:
 - product brief
 - sideshows presentation
- **SUPPORT:**
 - Installation & Documentation** (on-line version of this guide)
 - Troubleshooting Flowcharts** to guide you step-by-step through web console problems
 - Frequently Asked Questions** (FAQs) about Product setup and usage
 - Downloading & Patches** allows you to upgrade from the WEB to the latest product revision
 - HP Support Services & Warranty** gives contacts within the HP support organization for technical assistance and a description of the HP warranty policy
- **SOLUTIONS** provides other general Product information

Main Hints:

- Use the Troubleshooting Flowcharts to identify your problem.
- Use HP Support Services and Warranty to find out how to contact HP for technical assistance.
- Upgrade to the latest Firmware from the Support WEB site (Downloading & Patches).
- Use temporarily a regular terminal if your HP Secure WEB Console is defective.

HP Technical Assistance:

You can find **how to contact HP** from the World Wide Web site <http://www.hp.com/go/webconsole>, under "Support" and "HP Support Services" menu.

Before contacting HP, make sure you have the serial number of your HP Secure WEB Console.

Safety information - Safety earth ground

Warning For your safety, always connect the J3591A to a grounded wall outlet. Always use a power adaptor supplied by HP for this Product (see warning below the table). Ensure that the adaptor meets your country's standards for safety. This equipment is disconnected from the power by removing the power adaptor from the power outlet. This means the equipment must be located close to a power outlet that is easily accessible.

| Country | Input Rating | Output Rating |
|-----------------------------------|-------------------|---------------|
| Australia, New Zealand, China | 240 V/50 Hz | 13 VDC@300 mA |
| Europe, except UK and Ireland | 230 V/50 Hz | 13 VDC@300 mA |
| Japan | 100 V/50/60 Hz | 13 VDC@300 mA |
| Korea | 220-240 V/50 Hz | 13 VDC@625 mA |
| South Africa, India | 220-250 V/50 Hz | 13 VDC@625 mA |
| UK, Singapore, Ireland, Hong Kong | 220-240 V/50 Hz | 13 VDC@300 mA |
| USA, Canada, LAR, Taiwan | 110-127 VAC/60 Hz | 13 VDC@300 mA |

Warning: Only use power adaptors referenced by HP for this Product; Part Numbers are provided for each country on the World Wide Web at <http://www.hp.com/go/webconsole>, under "Support", then "FAQs".

Regulatory information

For Canada: ICES-003

This product complies with Canadian Electromagnetic compatibility (EMC) Class A requirements.

Conforme à la Classe A des normes canadiennes de compatibilité électromagnétique (CEM).

For the United States

Warning: Federal Communications Commission (FCC) Radio Frequency Statement.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Hewlett-Packard's system verification tests were conducted with HP-supported peripheral devices and cables, such as those received with your system. Changes or modifications to this equipment not expressly approved by Hewlett-Packard could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that might cause undesired operation.

For Europe

French

Ce produit appartient à la Classe A. En environnement, ce produit peut engendrer des interférences radioélectriques, auquel cas l'utilisateur peut devoir prendre les mesures nécessaires.

German

Dieses Produkt ist ein Produkt der Klasse A. In einer häuslichen Umgebung kann dieses Produkt störende Strahlungen verursachen. In diesem Fall muß der Benutzer selbst entsprechende Maßnahmen ergreifen.

Spanish

Este es un producto de Clase A. En un entorno doméstico, este producto puede provocar interferencias de radio, en cuyo caso es posible que se le pida al usuario que tome las medidas adecuadas.

Italian

Questo prodotto rientra nella Classe A. Utilizzato in un ambiente domestico potrebbe causare interferenze in radio frequenza; nel caso in cui questo si verifici, è necessario che l'utente adotti gli opportuni accorgimenti.

For Japan

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づき、クラスA情報処理装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

For Korea

시범시 안내문 (A급 기기)

이 기기는 업무용으로 전자파장애경감을 위한
기기이오니, 만약 잘못 구입하셨을 때에는 구입
한 곳에서 비업무용으로 교환하시기 바랍니다.

DECLARATION OF CONFORMITY
according to ISO/IEC Guide 22 and EN 45014

Manufacturer's Name: Hewlett-Packard Company
Internet & Applications Systems Division

Manufacturer's Address: 8000 Foothills Blvd.
Roseville, CA 95747
USA

declares, that the product

Product Name: HP Secure Web

Model Number(s): J3591A

Product Options: None

conforms to the following Product Specifications:

Safety: IEC 950:1991 + A1, A2, A3, A4 / EN 60950:1992 + A1, A2, A3
GB 4943-1995

EMC: CISPR 22:1993 / EN 55022:1994 - Class A¹
GB 9254-1988

EN 50082-1:1992

IEC 801-2:1991 / prEN 55024-2:1992, 4 kV CD, 8 kV AD

IEC 801-3:1984 / prEN 55024-3:1991, 3 V/m

IEC 801-4:1988 / prEN 55024-4:1993, 0,5 kV Signal Lines
1 kV Power Lines

Supplementary Information:

With AC Adapter models 9100-5168, 9100-5171, 0950-3169, 0950-3170,
0950-3171, 0950-3172, 0950-3173, or 0950-3415

The product herewith complies with the requirements of the Low Voltage
Directive 73/23/EEC and the EMC Directive 89/336/EEC and carries the CE
marking accordingly.

1) The Product was tested in a typical configuration with a R-Class Computer


Frank D. Dembski Jr., Quality Manager

Roseville, September 15, 1998

European Contact: Your local Hewlett-Packard Sales and Service Office or Hewlett-Packard GmbH,
Department HQ-TRE, Herrenberger Straße 130, D-71034 Böblingen (FAX: + 49-7031-14-3143)