# DECswitch 900ET
# Quick Start

This card explains how to quickly install and configure the DECswitch 900ET module.  Check the boxes ☑ after each step.  You need the following items to install this product:

- DECswitch 900ET router module.
- DEChub 900 MultiSwitch or a DEChub ONE docking station.
- Phillips head screwdriver (DEChub ONE docking station only)
- Setup port device (PC or terminal).

- Setup port cable and (optionally) an adapter.
- Token Ring cables, AUI cable, and/or UTP/STP cables.
- You must know the IP address, subnet mask, and community string for each port before you begin.

For detailed instructions and important safety information, see the *DECswitch 900ET Installation and Configuration* manual and the *DEChub ONE Installation* manual.

## Install the Module (Choose A or B)

### A. Installing the Module into a DEChub ONE Docking Station:

**If further detail is needed to perform any of the following steps, refer to the *DEChub ONE Installation* manual using the page number references provided after each step.**

☐  1)  Make sure AC power to the DEChub ONE Docking Station is disconnected. [Page 5]

☐  2)  Place the module and DEChub ONE on a flat surface (table) and insert the mounting tab on the bottom of the module in the mounting slot in the DEChub ONE. [Page 5]

☐  3)  Pivot the module into place to engage both connectors. [Page 5]

☐  4)  If your DEChub ONE has an L-bracket and screw instead of a locking tab, do the following:

    ☐  a)  Use a Phillips-head screwdriver to loosen the screw and L-bracket from the DEChub ONE. [Page 7]

    ☐  b)  Gently seat the module into the DEChub ONE. [Page 7]

    ☐  c)  Replace the L-bracket and its screw to lock the module and docking station together. [Page 7]

☐ 5) Connect AC power to the DEChub ONE and all Token Ring, AUI, and/or UTP/STP cables to the module as required for your configuration. [Page 2-6 of the *DECswitch 900ET Installation and Configuration* manual]

## Install the Module *(Continued)*

### B. Installing the Module into a DEChub 900 MultiSwitch:

If further detail is needed to perform any of the remaining steps in this document, refer to the *DECswitch 900ET Installation and Configuration* manual using the page number references provided after each step.

☐ 1) Turn on the DEChub 900 MultiSwitch and check power availability by comparing the power ratings on the module's power rating tag with those shown as available on the Hub Manager status display. [Page 2-3]  If there is insufficient power available, you must add another power supply to the DEChub 900.

☐ 2) Seat the module into the DEChub 900. [Page 2-4]

☐ 3) If power is available, the module's Power LED lights within one minute.  When the module completes its self-test, the Module OK LED lights.  If these LEDs do not light, refer to [Page A-3].

☐ 4) Connect all Token Ring, AUI, and/or UTP/STP cables to the module as required for your configuration. [Pages 2-6 through 2-11]

## Install the Setup Port Cable

☐ 1) Select the appropriate cable and (if necessary) an adapter for your setup port device.  In general, this will be a BN24H-xx cable (where xx is the length of the cable in meters) and an H8571-J (6-pin MMJ to 9-pin D-Sub connector) or H8575-A (6-pin MMJ to 25-pin D-Sub connector) adapter. [Page 3-2 through 3-4]

☐ 2) Ensure that the transmit and receive baud rates on the setup port device are set to 9600 baud. [Page 3-3]

☐ 3) Connect one end of the cable into the setup port of either the DEChub ONE Docking Station or the DEChub 900 MultiSwitch.  Plug the other end of the cable directly into the setup port device or, if necessary, into an adapter that connects to the setup port device. [Page 3-4]

## Configure the Module (Choose A or B)

### A. Configuring the Module in a DEChub ONE Docking Station:

☐ 1) Press **Return** on your setup port device until the DECswitch 900ET Installation menu appears. [Page 4-3]

□ 2) Enter **3** if you want to show the current settings. [Page 4-7] Press **Return** to return to the main Installation menu.

□ 3) Enter **4** to perform an IP configuration [Page 4-8], and do one or more of the following:

    □ a) Enter **1** to set the SNMP read/write community. Enter the **community string**. Press **Return** to return to the IP Configuration menu.[Page 4-9]

    □ b) Enter **2** to set the in-band interface IP address. Enter the **Port Number**, **IP address**, and **Subnet Mask** values for the in-band interface. [Page 4-10] Press **Return** to return to the IP Configuration menu. Repeat Steps 3a and 3b to assign additional IP addresses.

    □ c) Enter **3** to set the out-of-band interface IP address. Enter the **IP address** and **Subnet Mask** values for the out-of-band interface. [Page 4-11] Press **Return** to return to the IP Configuration menu.

    □ d) Enter **4** to set the default gateway for the in-band interface. Enter the **Default Gateway** address. [Page 4-12] Press **Return** to return to the IP Configuration menu.

    □ e) Enter **5** to return to the main Installation menu. [Page 4-3]

□ 4) Enter **5** to configure your out-of band port speed and enable or disable RTS. [Page 4-13] Do one of the following:

    □ a) Enter **1** to set the port speed. Enter the number associated with your port speed as shown on the menu. [Page 4-14]

    □ b) Enter **2** to enable or disable RTS. Enter **Y** if you want to change the state of RTS. [Page 4-15]

    □ c) Enter **3** to return to the main Installation menu. [Page 4-13]

□ 5) Enter **7** to configure the Module-Specific Option. [Page 4-16] to select your Token Ring port speed and do the following:

    □ a) Either enter **1** followed by **4** [Page 4-17] if the speed is 4 Mb/second *or* press **Return** to except the default speed of 16 Mb/second.

    □ b) Enter **2** to return to the main menu. [Page 4-16]

□ 6) Enter **6** to go to the local console. [Page 4-18] A quick configuration question and answer dialog begins. Enter responses to the questions. Select defaults by pressing **Return**. After you type **restart**, a subset of the DECswitch 900ET Installation Menu appears. Do one of the following:

    □ a) Enter **1** to restart the router with factory defaults. [Page 4-5]

    □ b) Enter **2** to restart the router with current settings. [Page 4-6]

    □ c) Enter **3** to go to the local console (commands) [Page 4-20]. Type in CONFIG commands parameters [Pages 4-21 through 4-24].

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# Configure the Module *(Continued)*

## B. Configuring the Module in a DEChub 900 MultiSwitch:

☐ 1) Press the **Return** key on your setup port device until the DEChub 900 MultiSwitch menu appears. [Page 5-3]

2) Enter **9** to start redirect mode. [Page 5-3]

☐ 3) Enter the slot number in which the router is installed and to which the console is to be redirected. [Page 5-4]  A DECswitch 900ET Installation menu appears with 5 selections. [Page 5-4]

☐ 4) Enter **3** if you want to show the current settings. [Page 5-9] Press **Return** to return to the main Installation menu.

☐ 5) Enter **4** to perform an IP configuration [Page 5-10], and do one or more of the following:

   ☐ a) Enter **1** to set the SNMP read/write community. Enter  the **community string**. Press **Return** to go to the IP Configuration menu. [Page 5-11]

   ☐ b) Enter **2** to set the in-band interface IP address.  Enter the **Port Number**, **IP address**, and **Subnet Mask** values. Press **Return** to return to the IP Configuration menu. [Page 5-12]  Repeat Steps 5a and 5b to assign additional IP addresses.

   ☐ c) Enter **3** to set the out-of-band interface IP address.  Enter the **IP address** and **Subnet Mask** values for the out-of-band interface.  Press **Return** to return to the IP Configuration menu. [Page 5-10]

   ☐ d) Enter **4** to set the default gateway for the in-band interface.  Enter the **Default Gateway** address.  Press **Return** to return to the IP Configuration menu. [Page 5-10]

   ☐ e) Enter **5** to return to the main Installation menu. [Page 5-5]

☐ 6) Enter **5** for Module-Specific Options. [Page 5-15] Do one of the following:

   ☐ a) Either enter **1** followed by **4** [Page 4-24] if the speed is 4 Mb/second *or* press **Return** to except the default speed of 16 Mb/second.

   ☐ b) Enter **2** to return to the main menu. [Page 5-15]

☐ 7) Telnet using the IP address to configure interfaces. [Page 5-17]  A quick configuration question and answer dialog begins.  Enter responses to the questions. Select defaults by pressing **Return**.  After you type **restart**, the system prompt displays (*).

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