

1 DECpacketprobe 900RR Release Notes

These Release Notes describe how to quickly set up and configure your DECpacketprobe 900RR for use with your PROBEwatch application.

NOTE

When using a VT300/400 series terminal to connect the DECpacketprobe 900RR console, verify that the XOFF speed is set to a rate other than 64 bytes.

2 Setup

1. Power up the DECpacketprobe 900RR and verify that the device LED states correspond to the description given in the user's manual.
2. Configure the following fields within the DECpacketprobe 900RR agent, using the front panel console and menu selections.
 - Addresses
 - System Contact Variable
 - System Location Variable
 - System Name Variable

2.1 Addresses

Configure the following items (see the corresponding example):

Item	Example
IP Address	16.20.20.20
Gateway Address	16.20.0.50
Net Mask	255.255.255.0
TFTP Server Address	15.20.50.18

2.2 System Contact Variable

To set the variables for this field, do the following:

1. Enter Command_line mode (selection [11] from the menu).
2. Enter the name of the person who is responsible for maintaining the DECpacketprobe 900RR agent as follows:

```
% SET AGENT_CONTACT contact_name Return
```

where contact_name is the name of the responsible person.

2.3 System Location Variable

To set the variables for this field, do the following:

1. Enter Command_line mode (selection [11] from the menu).
2. Enter the location of the DECpacketprobe 900RR as follows:

```
% SET AGENT_LOCATION contact_location 
```

where agent_location is the chosen location for the DECpacketprobe 900RR.

2.4 System Name Variable

To set the variables for this field, do the following:

1. Enter Command_line mode (selection [11] from the menu).
2. Enter the name of the DECpacketprobe 900RR as follows:

```
% SET AGENT_NAME contact_name 
```

where agent_name is the symbolic name you have chosen for the DECpacketprobe 900RR.

3 Verifying Operations

After you have completed all the required operations, reset the DECpacketprobe 900RR agent as follows:

1. Quit Command_line mode by typing:

```
% quit
```

2. Reset the agent (select item [12] from the main menu).
3. Verify that the DECpacketprobe 900RR agent is now Executing from Flash (see the heading on the screen, above the menu).
4. Verify that you can communicate with the DECpacketprobe 900RR agent.

4 Additional Features

The DECpacketprobe 900RR provides additional features as follows:

- **Bootp**—The DECpacketprobe 900RR supports getting its IP address through Bootp.
- **SLIP**—Selection 8 on the console menu allows you to use out-of-band management (OBM) using the Serial Line Internet Protocol (SLIP). Once you switch to this mode, you can manage the DECpacketprobe 900RR using any SNMP-compliant Network Management Station (NMS) that supports a SLIP connection.
- **Remote console**—The DECpacketprobe 900RR will accept remote console sessions from a PROBEwatch station.
- **Auto Re-configuration After a Power Cycle**— When the DECpacketprobe 900RR loses power it also loses all of its RMON configuration information. When the power is re-established to the DECpacketprobe 900RR it will send a request to the TFTP server for its configuration information. All previous known domains will be re-established.

5 Known Restrictions

The following are DECpacketprobe 900RR restrictions.

5.1 Factory Default Agent_options

The Agent_options factory default settings are set to operate with PROBEwatch and not a generic SNMP client. To use a generic SNMP or an RMON client other than PROBEwatch with the DECpacketprobe 900RR, you will need to change the agent_options settings. To change the Agent_options settings do the following:

1. Enter Command_line mode (selection [11] from the console menu).
2. Verify the Agent_options current status by using:

```
% Get Agent_options
```

3. Set Agent_options to new settings by using:

```
% Set Agent_options
```

For the DECpacketprobe 900RR to work with PROBEwatch for Windows the following Agent_options must be set as shown:

```
mib_checks           off
mib_defaults         on
default_groups       off
```

For the DECpacketprobe 900RR to work with a generic SNMP manager the following Agent_options must be set as shown:

```
mib_checks           on
mib_defaults         on
default_groups       on
```

To get more information on Agent_options, at the command line type the following:

```
% help Agent_options
```

5.2 Max_nodes

If the number of stations connected to the monitored network segment is greater than the max_node default value (256 max nodes) set within the DECpacketprobe 900RR agent, increase the max_node default value to an acceptable level, as required.

5.3 External cabling

The DECpacketprobe 900RR, when installed in a DEChub 900, must be externally cabled into the Token Ring network. The DEChub 900 only provides power to the DECpacketprobe 900RR.

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QC-00YAA-GZ
DECpacketprobe 900RR
Version 1.0.0