DEC WANcontroller 618

digital[™]

Problem Solving

Part Number: EK-A0546-PS.001

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DEC Network Integration Server Problem Solving

DECNIS Problem Solving Manuals



DEC Network Integration Server Problem Solving: outlines NCL commands for checking software problems.

DECNIS *Installation and Service Manual:* includes a problem solving section which outlines procedures for checking hardware problems.

Network Interface Card (NIC) *Problem Solving* cards: are supplied with each NIC. The cards outline procedures for checking possible problems with NICs, their cables, distribution panels and modems. Start problem solving with the flowchart.



DEC Network Integration Server Event Messages: this is an on-line text file. The file lists event messages that can indicate faults with hardware and software. The event message describes the meaning of each event and what action to take.

BT Kilostream®

There is no loopback test for the BT Kilostream cable. To check if these cables are faulty, you must replace them and retest the line. If you are unable to solve your problem, contact Digital Services.

Loopback Connectors

Loopback Connector	Part Number	Component
50-way loopback connector (male)	DNSXT-CA	NIC and connecting cable
V.28, EIA-232D V.36/V.11, EIA-422 V.35	H3248 H3198 H3250	Distribution panel and extension cable

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LKG-5721-911

NIC LED States

The LED display shows the state of the NIC when the module self-test or system self-test was last run: see the *Installation and Service Manual* for your DECNIS for more details.

flash	Slow flash	Module self-test in progress.
flicker	Fast flicker	The NIC is either waiting to load or is load- ing software.
0 0 •	READY	The NIC has passed its module self-test and has successfully loaded the software.
• 0 0	HOTSWAP	The NIC is disabled. (The NIC switch is set down.)
0 • 0	FAULT	The NIC has failed its module self-test.
0 •	ATTENTION	The NIC is partly working. You can continue to use working port(s), but you must isolate and replace the faulty component as soon as possible.
		 A flickering RUN LED indicates that the NIC software is waiting to load.

LKG-5722-911









NIC Install a new NIC. Refer to the Installation and Service Manual for your DECNIS: DO NOT dethis unless you are a service person. Distribution panel Refer to the panel for installing the distribution panel and connecting cable in the DEC WAN controller 618 Cabling Information and Specifications card. Before replacing these components, you MUST disable the NIC. Extension cable Refer to the panel for attaching communication cables in the DEC WANcontroller 618 Cabling Informations card. If replacing the faulty component does not solve the problem, check the Installation and Service Manual for your DECNIS: do not perform any procedures in the manual unless you are a service person (see the Installation and Service Manual for your DECNIS).	NIC Install a new NIC. Refer to the Installation and Service Manual for your DECNIS: DO NOT de this unless you are a service person. Distribution panel Refer to the panel for installing the distribution panel and connecting cable in the DEC WAN controller 618 Cabling Information and Specifications card. Before replacing these components, you MUST disable the NIC. Extension cable Refer to the panel for attaching communication cables in the DEC WANcontroller 618 Cabling Informations card. If replacing the faulty component does not solve the problem, check the Installation and Service Manual for your DECNIS: do not perform any procedures in the manual unless you are a service person (see the Installation and Service Manual for your DECNIS).	NIC Install a new NIC. Refer to the Installation and Service Manual for your DECNIS: DO NOT do this unless you are a service person. Distribution panel Refer to the panel for installing the distribution panel and connecting cable in the DEC WAN controller 618 Cabling Information and Specifications card. Before replacing these components, you MUST disable the NIC. Extension cable Refer to the panel for attaching communication cables in the DEC WAN controller 618 Cabling. Information and Specifications card. If replacing the faulty component does not solve the problem, check the Installation and Service Manual for your DECNIS: do not perform any procedures in the manual unless you are a service person (see the Installation and Service Manual for your DECNIS).	NIC	Install a new NIC. Refer to the Installation and Service Manual for your DECNIS: DO NOT de
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