IBM

8371 Release 2.0 Notes July 1999

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8371 Networking Multilayer Ethernet Switch Release 2.0 Notes - July 1999

VCC Age Out Issues

In order to improve performance in an ATM network, logging of outbound traffic statistics is being bypassed. This means that the outbound traffic counters are not updated. A VCC which is only sending traffic out (the return traffic is on a different VCC) may get aged out even though it is being used. You can set a patch variable to disable this ATM bypass.

From the OPCON prompt, issue the following commands:

```
* talk 6
Config> patch disable-atm-bypass
New value [0]? 1
Variable patched successfully
Config> write

Config>
*reload y
```

This will disable the bypass. Performance will be reduced, but outbound traffic counters will update and the VCC should not be aged out.

ATM LEC Selector Bytes from Network Configuration Editor

Newly created configurations from the Network Configuration Editor default the ATM LEC selector bytes starting at X'0x40' and increment to X'0x41', X'0x42', and so on, rather than X'0x28', X'0x29', X'0x2A' ... .

Spanning Tree Port Cost Adjustments

Newly created configurations will now default spanning tree port costs to:

- 1 for Link Aggregation Groups
- 5 for ATM LECs
- 10 for all other ports.

Configurations upgraded from Release 1.0 will also have their port costs adjusted in this way for all ports that have been left at the default cost. If the spanning tree costs have been explicitly set, those costs will not be changed.