*Knowledge Base*

## Some Registry Entries Missing When Enabling Logging Features in RRAS

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The information in this article applies to:

- Microsoft Windows 2000 Server
- Microsoft Windows 2000 Advanced Server
- Microsoft Windows 2000 Professional
- Microsoft Windows 2000 Datacenter Server

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## SUMMARY

You may need to enable logs to monitor the activities of certain features in Routing and Remote Access (RRAS) and standard Dial-Up Networking (DUN). However, you may find that some of the necessary entries to enable logging are missing from the registry.

## MORE INFORMATION

Certain registry keys to enable RRAS and DUN logging are not present in the registry immediately after you perform a "clean" installation of Windows 2000. These keys are not added because there is not yet a connection that will use them.

Some of these keys are: BAP, IPBOOTP, PPP, RASIPCP, RASCHAP, RASPAP, RASSPAP, and so on.

To make these keys appear, create a DUN connection:

1. Click **Start**, point to **Settings**, and then click **Network and Dial-up Connections**.
2. Click **Make New Connection**.
3. Follow the instructions in the **Network Connection wizard** to create a new dial-up connection. Creating a new connection creates the registry keys listed above.

The keys are created in the registry under the following location:

    HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Tracing

Certain other components in the Windows 2000 Server products add additional options to the Tracing key. Items such as routing protocols (RIP and OSPF), Dial-on-Demand connections, and the Internet Authentication Service (IAS) have several components for which logging may be enabled.

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