



Troubleshooting with NDS iMonitor

The following topics are covered in this chapter:

- NDS iMonitor page descriptions
- Troubleshooting NDS iMonitor
 - Understanding the iMonitor process
 - Determining the HTTP ports
 - Understanding the HTTP server object
 - Using DSTRACE to troubleshoot NDS iMonitor issues
- Troubleshooting Unknown objects
 - Identifying the Unknown objects
 - Determining why the object is Unknown
 - Resolving the condition that created the Unknown object
 - Reassigning the correct object type to the object
- Troubleshooting schema
 - Finding the schema issue
 - Deciding which server contains valid schema
 - Using NDS iMonitor to remedy schema issues
- Troubleshooting obituaries
 - Processing obituaries
 - Using NDS iMonitor to identify obituaries
 - Using NDS iMonitor to resolve obituary issues

- Troubleshooting processor high utilization
 - Using Agent Activity
 - Using Trace
 - Using Agent Configuration

NDS iMonitor is Novell's primary cross-platform, web-monitoring application to monitor eDirectory. NDS iMonitor is primarily a proactive monitoring and reactive troubleshooting tool.

You can access NDS iMonitor by going to `http://<server address>:<clear-text port>/nds` or `https://<server address>:<secure port>/nds`.

NDS iMonitor Page Descriptions

This section provides a brief description of the primary views in NDS iMonitor.

Agent Summary

The Agent Summary view is the default home page for NDS iMonitor. It has the following three sections, each of which is a hyperlink to other pages within NDS iMonitor:

- Agent Synchronization
- Known Servers
- Agent Process Status

The direct URL is `http://<server address>:<clear-text port>/nds/summary` or `https://<server address>:<secure port>/nds/summary`.

Agent Synchronization

The Agent Synchronization view shows you all partitions that are stored on the local server as well as the partition status, synchronization status, and errors for the partition.

Note The server being viewed can be directly accessed via NDS iMonitor or indirectly accessed through proxy mode.

The direct URL is `http://<server address>:<clear-text port>/nds/ssync` or `https://<server address>:<secure port>/nds/ssync`.