


# GDMA

## GroundWork Distributed Monitoring Agent

This section covers the *GroundWork Distributed Monitoring Agent (GDMA)*.

The GDMA was developed primarily as a scaling method for GroundWork Monitor installations. In simple terms, it is an agent that runs independently of the Nagios scheduler in GroundWork Monitor, and forwards the state of the monitored services on individual nodes to the GroundWork server using the NSCA protocol. The Nagios instance in GroundWork Monitor processes these results as passive checks. The configuration information for which services to run on which hosts, the monitoring thresholds, frequency, etc., are hosted on the GroundWork server with http or https, and are retrieved by the GDMA. The GDMA can send results to multiple GroundWork servers, but can pull configuration data from only one source. Changes from previous versions include:

- Automatic plugin downloads
- Threshold controls for Poller failure messages
- Toggles for the generation of Poller and Spooler status messages
- Support for fully qualified host names
- Support for checking multiple hosts from a single Linux GDMA host
- Support for 64-bit Powershell plugins in Windows GDMA

For detailed information, expand  **GDMA** in the navigation pane.