

# Watchdog Features and Its Control

GFI KerioControl AI has recently gained a new Watchdog feature in its latest version 9.4.5. The Watchdog monitors all key services of GFI KerioControl AI. In case of any irregularities, it restores the product's full functionality. It can be enabled via CLI, with future releases bringing control through the GFI AppManager UI.

## How Watchdog Works

The Watchdog feature continuously monitors the operational status of key GFI KerioControl AI services. When it detects a service failure or system issue:

- It automatically initiates a restart of the affected services
- Creates a crash dump in the VAR folder for later analysis
- Restores network functionality without manual intervention

This significantly reduces downtime and eliminates the need for on-site visits to physically restart hardware.

## Enabling and Controlling Watchdog

### Current Method (CLI)

The Watchdog feature is disabled by default in GFI KerioControl AI. To enable it, use the following CLI command:

```
/opt/kerio/winroute/tinydbclient "update AutoRecoveryWatchdog set AutoRestart=1"
```

## Core Services Monitored

The Watchdog monitors all key GFI KerioControl AI services and restores full functionality in case of any irregularities. These include:

- **Network Connection Services:** Ensures internet connectivity remains active, preventing situations where a device becomes frozen with no internet access.
- **Firewall Services:** Monitors the core security services that enforce traffic rules and provide network protection.
- **VPN Services:** Watches services related to Virtual Private Network connections.
- **Intrusion Prevention System (IPS):** Monitors the services responsible for detecting and preventing network attacks.

## Benefits of Using Watchdog

The primary benefit of the Watchdog is preventing scenarios where a device becomes unresponsive.

- **Improved System Reliability:** Automatically recovers from service failures.
- **Reduced Downtime:** Minimizes network interruptions by quickly addressing issues.
- **Enhanced Troubleshooting:** Creates crash dumps for later analysis and issue resolution.
- **Peace of Mind:** Provides automated safeguards for your network infrastructure.

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GFI KerioControl AI offers a comprehensive suite of features to maintain its stability and performance. By actively monitoring resources, configuring alerts, and implementing best practices, administrators can ensure the optimum performance from GFI KerioControl AI.