# Running Redis as a Service

In order to better integrate with the Windows Services model, new command line arguments have been introduced to Redis. These service arguments require an elevated user context in order to connect to the service control manager. If these commands are invoked from a non-elevated context, Redis will attempt to create an elevated context in which to execute these commands. This will cause a User Account Control dialog to be displayed by Windows and may require Administrative user credentials in order to proceed.

## Installing the Service

*--service-install*

This must be the first argument on the redis-server command line. Arguments after this are passed in the order they occur to Redis when the service is launched. The service will be configured as Autostart and will be launched as "NT AUTHORITY\NetworkService". Upon successful installation a success message will be displayed and Redis will exit.

This command does not start the service.

For instance:

redis-server --service-install redis.windows.conf --loglevel verbose

## Uninstalling the Service

*--service-uninstall*

This will remove the Redis service configuration information from the registry. Upon successful uninstallation a success message will be displayed and Redis will exit.

This does command not stop the service.

For instance:

redis-server --service-uninstall

## Starting the Service

*--service-start*

This will remove the Redis service configuration information from the registry. Upon successful uninstallation a success message will be displayed and Redis will exit.

For instance:

redis-server --service-start

## Stopping the Service

*--service-stop*

This will stop the Redis service. Upon successful termination a success message will be displayed and Redis will exit.

For instance:

redis-server --service-stop

## Naming the Service

*--service-name* ***name***

This optional argument may be used with any of the preceding commands to set the name of the installed service. This argument should follow the service-install, service-start, service-stop or service-uninstall commands, and precede any arguments to be passed to Redis via the service-install command.

The following would install and start three separate instances of Redis as a service:

redis-server --service-install –service-name redisService1 –port 10001

redis-server --service-start –service-name redisService1

redis-server --service-install –service-name redisService2 –port 10002

redis-server --service-start –service-name redisService2

redis-server --service-install –service-name redisService3 –port 10003

redis-server --service-start –service-name redisService3