

# Administration Service Commands

This chapter describes the Administration Service and its command-line interface.

The administration service monitors and controls all local brokers; remote brokers can also be monitored. The administration service is addressed via the System Management Hub or the administration service command-line utility `etbsrv`. To run the commands from utility `etbsrv`, System Management Hub is not required. This feature was designed to be used in a clustering environment, but can also be used in a standard environment.

- Starting a Broker
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  - Restarting a Broker
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## Starting a Broker

Use command `BROKER START` to start a specified broker:

```
etbsrv BROKER START "ETB001"
```

## Pinging a Broker

Use command `BROKER PING` to display the status of a specified local or remote broker. Return code 0 means the broker is running; any other value means the broker has stopped. See *Component Return Codes in EntireX*. Example:

```
BROKER PING "ETB001"
```

Enter the command without specifying a broker to display the status of all brokers.

The information is the same as displayed using System Management Hub.

## Pinging an RPC Server

Use command `BROKER PINGRPC <brokerid> <class/server/service>` to display the status of a specified RPC server. Return code 0 means the RPC server is running; any other value means the RPC server has stopped. See *Component Return Codes in EntireX*. Example:

```
BROKER PINGRPC "ETB001" "SAG/ETBCIS/RPCCIS"
```

The information is the same as displayed using System Management Hub.

## Restarting a Broker

Use command `BROKER RESTART` to stop and restart a specified broker. Example:

```
BROKER RESTART "ETB001"
```

## Stopping a Broker

Use command `BROKER STOP` to stop a local broker. Example:

```
etbsrv BROKER STOP "ETB001"
```

## Enabling EntireX Security

Activate security with command `etbsrv SECURITY ENABLE`; once activated, security can only be deactivated with command `SECURITY DISABLE`.

To enable automatic scripts to execute administration service commands without having to enter a password, set the option `TRUSTED-USER=YES` when administration service security is activated.

```
etbsrv SECURITY ENABLE TRUSTED-USER=YES
```

## Disabling EntireX Security

Disable security with command `etbsrv SECURITY DISABLE`.