How to Enable, Disable, and Maintain Real Servers

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Disabling your Real Servers allows you to perform maintenance or to temporarily disassociate them from a Service. A Real Server that is in disabled, maintenance, or sticky mode will not accept any new connections or requests until it is enabled.

There are two ways to change the status of a Real Server:

- Use the **Enable**, **Disable**, **Maintenance**, or **Sticky** actions on the **BASIC > Server Health** page.
- Edit the Real Server on the **BASIC > Services** page.

If you set the state of a Real Server to **Enable**, it accepts new requests, connections or sessions.

The following tables describe how servers behave when set in **Maintenance**, **Disable**, and **Sticky** modes depending on the type of service.

Maintenance

Services	Behavior
Layer 4 TCP	Existing connections are handled by the server. No new connections are allowed if either of the following are configured: • On the **BASIC > Services** page, **Persistence Type** under **Load Balancing** is set to **None** (default value). • On the **ADVANCED > System Configuration** page, **Disable Maintenance Persistence** under **Global Settings** is set to **Yes**.
TCP Proxy and Secure TCP Proxy	Existing connections are handled by the server. No new connections are allowed.
HTTP, HTTPS, Instant SSL	Existing requests and connections are handled by the server. No new requests or connections are allowed.
RDP Proxy	Existing connections are handled by the server. No new connections are allowed.
Layer 4 and Layer 7 UDP	Existing datagrams continue to reach the server. However, the server is not used for new datagrams.
FTP and FTP SSL	Existing and ongoing connections are served by the server. No new connections are allowed.

Disable

Services	Behavior
Layer 4 TCP	Service for existing requests and connections is stopped immediately. Connections are closed after the time configured for **TCP Connections Timeout** on the **ADVANCED > System Configuration** page under **System Settings**. No new requests or connections are allowed.
TCP Proxy and Secure TCP Proxy	Existing requests and connections are dropped immediately. No new requests or connections are allowed.
HTTP, HTTPS, Instant SSL	Existing requests and connections are handled by the server. No new requests or connections are allowed.
RDP Proxy	No new connections are allowed.
Layer 4 UDP	This server is not used for any datagram.
Layer 7 UDP	Existing datagrams are handled by the server. The server is not used for new datagrams.
FTP and FTP SSL	Existing and ongoing connections are dropped immediately. No new connections are allowed.

Sticky

Services	Behavior
HTTP, HTTPS, Instant SSL, TCP Proxy, Secure TCP Proxy	New persistence connections are allowed until their persistence timers expire. No new connections are allowed.
FTP and FTP SSL	Persistence connections continue to connect to the same server unless the persistence timer has expired. No new connections are allowed.