Linux Agent CLI

This section provides you with complete instructions on how to use your Linux Agent and its Command Line Interface (CLI) tools.

The Linux Agent is the portion of the synchronization service that runs on the Linux Host system. A CDP (Backup) Agent is required for each of the Linux systems that will be using the R1Soft Backup services.

The Linux Agent does not require a GUI (X Window system) to run and can be installed on the Linux Host with text-mode interface only. The Linux Agent listens on TCP port 1167 for Backup and Restore requests from the CDP Server.

> **Note**
> The Linux Agent must be installed on each Linux system that will use the synchronization service.

R1Soft Backup for Linux includes pre-built Kernel modules for most popular Linux distributions. The R1Soft CDP Agent will verify that the Host system is using a supported Linux-based operating system during the Agent installation. If you are using an unsupported distribution or have customized the Kernel of a supported distribution, you will need to run the R1Soft Custom Kernel Installer.

Section Content

- Linux Agent CLI Common Questions — A list of common questions specific to Linux Agent CLI.
- Getting Agent Bind Address — Instructions on how to get the bind address using Linux Agent CLI.
- Linux Agent CLI - Tools — General information about all CLI tools. Descriptions of: buagent, buagentctl, linux-agent-XXX, r1key, r1soft-cki, r1soft-uninstall-buagent.
- Linux Agent CLI - Starting The Agent — Instructions on how to start the Agent using Linux Agent CLI.
- Linux Agent CLI - Restarting The Agent — Instructions on how to restart the Agent using Linux Agent CLI.
- Linux Agent CLI - Viewing Agent's Status — Instructions on how to view Agent's status using Linux Agent CLI.
- Linux Agent CLI - Stopping The Agent — Instructions on how to stop the Agent using Linux Agent CLI.
- Linux Agent CLI - Displaying Agent Version — Instructions on how to display the Linux Agent's current version.
- Linux Agent CLI - Setting Port — Instructions on how to set port that the agent will listen on using Linux Agent CLI.
- Linux Agent CLI - Setting Bind Address — Instructions on how to set the bind address using Linux Agent CLI.
- Linux Agent CLI - Testing Connection — Instructions on how to test connection using Linux Agent CLI.
- Linux Agent CLI - Changing Agents Configuration — Instructions on how to change Linux Agent configuration: configuration directory path, log path, IP address to listen to, TCP port, PID file, lock file, IPAuthentication parameter. Description of CDP Agent configuration options.
- Linux Agent CLI - Working With Custom Kernels — Instructions on how to install Custom Kernels.
- Linux Agent CLI - Managing CDP Server Keys — General information about encryption keys. Instructions on how to add the server key, remove the server key, and view the server key on Linux Agent.
- Linux Agent CLI - Retrieving Beta Driver — Instructions on how to retrieve a bets driver using Linux Agent CLI.