Icinga2 commands

icinga

Icinga 2 comes with a number of CLI commands which support bash autocompletion.

These CLI commands will allow you to use certain functionality provided by and around Icinga 2.

Each CLI command provides its own help and usage information, so please make sure to always run them with the --help parameter.

commands

```
root@ip-172-31-11-106:/home/ubuntu# icinga2
icinga2 - The Icinga 2 network monitoring daemon (version: r2.14.2-1)

Usage:
  icinga2 <command> [<arguments>]

Supported commands:
  * api setup (setup for API)
  * ca list (lists pending certificate signing requests)
  * ca remove (removes an outstanding certificate request)
  * ca restore (restores a removed certificate request)
  * ca sign (signs an outstanding certificate request)
  * console (Icinga console)
  * daemon (starts Icinga 2)
  * feature disable (disables specified feature)
  * feature enable (enables specified feature)
  * feature list (lists all available features)
  * node setup (set up node)
  * node wizard (wizard for node setup)
  * object list (lists all objects)
  * pki new-ca (sets up a new CA)
  * pki new-cert (creates a new CSR)
  * pki request (requests a certificate)
  * pki save-cert (saves another Icinga 2 instance's certificate)
  * pki sign-csr (signs a CSR)
  * pki ticket (generates a ticket)
  * pki verify (verify TLS certificates: CN, signed by CA, is CA; Print certificate)
  * variable get (gets a variable)
  * variable list (lists all variables)
```

Icinga 2 CLI Bash Autocompletion

Bash Auto-Completion (pressing <TAB>) is provided only for the corresponding context.

While --config suggests and auto-completes files and directories on disk, feature enable only suggests disabled features.

RPM and Debian packages install the bash completion files into /etc/bash_completion.d/icinga2.

You need to install the bash-completion package if not already installed.

RHEL/CentOS/Fedora:
$ yum install bash-completion

SUSE:
$ zypper install bash-completion

Debian/Ubuntu:
$ apt-get install bash-completion

Ensure that the bash-completion.d directory is added to your shell environment. You can manually source the icinga2 bash-completion file into your current session and test it:

source /etc/bash-completion.d/icinga2

Command	Description	Use Case
icinga2 daemon -C	Check the configuration files for syntax errors.	Used before reloading/restarting Icinga2 to ensure there are no configuration errors.
systemctl start icinga2	Start the Icinga2 service.	To start the Icinga2 monitoring engine after installation or when it has been stopped.
systemctl stop icinga2	Stop the Icinga2 service.	To stop the Icinga2 service safely for maintenance or configuration updates.
systemctl restart icinga2	Restart the Icinga2 service.	To make changes effective after modifying configuration files or plugins.
systemctl status icinga2	Check the status of the Icinga2 service.	To verify whether Icinga2 is running and functioning correctly.
icinga2 feature list	List all available and enabled features.	To view which modules and features are currently active in your Icinga2 setup.
icinga2 feature enable <name>	Enable an Icinga2 feature.	To activate specific Icinga2 features like ido-mysql, api, or command.
icinga2 feature disable <name>	Disable an Icinga2 feature.	To deactivate features that are not required, possibly for performance tuning or simplifying the setup.
icingacli module list	List all Icinga Web 2 modules and their status.	To manage Icinga Web 2 modules, checking which are enabled or disabled.
icingacli module enable <module>	Enable an Icinga Web 2 module.	To activate Icinga Web 2 modules such as director or graphite.
icingacli module disable <module>	Disable an Icinga Web 2 module.	To deactivate modules in Icinga Web 2 that are not currently needed.
icinga2 object list --type Host	List all host objects.	To inspect all host objects configured in Icinga2 for monitoring.
icinga2 object list --type Service	List all service objects.	To review the services being monitored by Icinga2.
icinga2 api setup	Set up the Icinga2 API.	To initialize the API feature, creating new certificates and configuration files.