

# Configuration management

See also [DevOps](#), Software Configuration Management (SCM)

Snippet from [Wikipedia](#): [Configuration management](#)

**Configuration management (CM)** is a systems engineering process for establishing and maintaining consistency of a product's performance, functional, and physical attributes with its requirements, design, and operational information throughout its life. The CM process is widely used by military engineering organizations to manage changes throughout the system lifecycle of complex systems, such as weapon systems, military vehicles, and information systems. Outside the military, the CM process is also used with IT service management as defined by ITIL, and with other domain models in the civil engineering and other industrial engineering segments such as roads, bridges, canals, dams, and buildings.

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Snippet from [Wikipedia](#): [Software configuration management](#)

In software engineering, **software configuration management (SCM or S/W CM)** is the task of tracking and controlling changes in the software, part of the larger cross-disciplinary field of configuration management. SCM practices include revision control and the establishment of baselines. If something goes wrong, SCM can determine what was changed and who changed it. If a configuration is working well, SCM can determine how to replicate it across many hosts.

The acronym "SCM" is also expanded as **source configuration management process** and **software change and configuration management**. However, "configuration" is generally understood to cover changes typically made by a system administrator.

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Todo:

- Ansible
- BladeLogic
- CFEngine
- Chef
- Chef Delivery
- Cobbler
- Congruit
- Consul
- Foreman
- Micro Focus
- Packer
- PalletOps
- Puppet

- RackHD
- Rudder
- SSH
- Salt
- Terraform
- Vagrant

[method](#), [devopsconfigure](#), [maintenance](#), [change](#)

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