



## Using ChangeMan ZMF - Operations control

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Introduction to functions and uses of ChangeMan ZMF specific to deploying the content of change packages (created by ChangeMan [ZMF Users](#)) in pre-production (test, QA, ...) and/or production areas.

This course is recommended for anybody authorized to initiate and monitor these deployment features of ChangeMan ZMF, typically [Operations control](#) and/or [Release managers](#).

Release info **Release date:** Mon, 07/10/2013

**ChangeMan ZMF Compatibility:** Any ChangeMan ZMF release

**Z-Course Topics:**

- Navigating the relevant ISPF panels in ChangeMan ZMF (Query Package, Promote and Approve).
- Typical problems during promote or install
  - Package not ready for further processing
  - DB2 binds problems
  - Space/directory problems
- How to restart failed installation jobs
- How to handle unexpected returncodes in CMN\* pgms
- How to use ChangeMan ZMF to investigate prod abends
- Suggestions for [Operations control](#) and/or [Release managers](#),

**Audience:**

- Users who review development work and approve changes of ChangeMan [ZMF Users](#) such as:
  - [Release managers](#),
  - [Operations control](#),
  - Project leaders, development managers, etc.
- [ChangeMan ZMF Helpdesk operators](#) providing first line helpdesk support for ChangeMan ZMF.
- [ChangeMan ZMF Administrators](#) involved in the customization, installation, configuration or optimization of ChangeMan ZMF.

**Duration (hours):** 2.00

**Z-Course Dependencies** **General Prereqs:**

- Knowledge of TSO/MVS and ISPF.
- Knowledge of software development and software change migration.



**Depends on:** [ChangeMan ZMF Xnode members + jobflow](#)

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