

Microsoft System Center Configuration Manager

Using best in class software to manage your Microsoft environment

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What can Configuration Manager (SCCM or CM) do?

- Application Delivery
- Endpoint Protection
- Compliance
- Software Updates
- Power Management
- Operating System Deployment
- Inventory
- Reporting
- Windows 10 Management
- Asset Intelligence
- Features added every release

Collections

- Groupings of computers or users
- Can be made up of almost infinite definitions
 - OU's
 - Installed Software
 - Installed roles
 - Registry Setting
 - WMI
 - Etc.

Application Delivery

- MSI, EXE, Scripts, AppV
- Can deliver to any collection
- Logic can detect if app installs correctly or not
- Can force remediation of required apps
- Apps can be install on demand out of a catalog
 - Useful for machines where users are not administrators

Compliance

- Can find out if a setting, software, etc is in effect
- Uses WMI, registry or script
- Can remediate or report

Software Updates

- Uses WSUS in the background
- Can deploy to any collection of machines

Power Management

- Takes advantage of the power management features built into Windows
- Can have settings for business and non-business hours

Operating System Deployment

- Create and deploy windows images
- Uses “task sequences”
- Allows dynamic installs
- Supports wipe and reload and upgrade scenarios

Inventory

- Hardware
 - Cpu, Memory, etc
 - Operation System
 - Installed programs
- Software
 - File types and versions
 - Can collect files
 - Most people don't use this

Reporting

- Gather, organize, and present information about users, hardware and software inventory, software updates, site status, and other Configuration Manager operations in your organization.
- All information in the console is stored in the SQL database
- Uses SQL reporting services
- 478 (and increasing) built in reports

Windows 10 Management

- View currently installed editions and when support runs out
- Allows for complex servicing scenarios
- Can be a trusted installer for Device Guard
- New features of Windows 10 can be managed right away
- Only way to centrally manage Windows Defender

Licensing

- CM server install is free
- SQL Standard license for CM only is free
- Campus Agreement covers all windows client OS's
- Must purchase System Center Management Licenses for servers
 - ML's cover all of system center programs

Resources

- Twitter!
- Campus Mailing List and User Group
`sccm-users@lists.wisc.edu`

