

07_software configuration



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Englisch 11. Klasse

Computer software



Software configuration

You work in the Release Management team at *Allotel*, a British telecommunications company located in London. You are looking at ways to improve the success of the enterprise software releases.

You advise a colleague on configuring software installations



<https://kurzelinks.de/2bbi>

Task 1: Configuring software releases

You look at the current configuration options for your software updates.

Software release configuration

Set your preferences to deploy applications, software updates and maintenance scripts to your users and make selections on the level of control you give them.

The default options are set to give users no control.

You can edit your selections at any time.

Force install

Choose whether to force install for

☒ all software ☐ critical software only ☐ no software

Select how to force install software

☒ Force install by a specified date and time (date/time must be set for every release at release time)

☐ Force install after a given duration after release

Choose the duration after which force install occurs. Every period

User controlled configuration

Decide which configuration options you want to give your users

☒ Allows users to delay software installation?

☐ Force install after delays ☐ Never force installs

☒ Make software available for users to install when requested

☒ All software ☐ Non-critical software only

Select which configuration options a user can have

☐ Set software to automatically install outside working hours

☒ Set working hours? Start time. end time

☐ Set software to automatically install outside working hours
☒ Set working hours? Start time: end time:

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1A) Complete the table for each GUI element named in the screen above

component	number on screen	number checked	number unchecked	number populated	number unpopulated
radio buttons	7 (3 sets)	2	5	---	---
check boxes	6	4	2	---	---
text fields	4	---	---	2	2
drop-down fields	1	---	---	0	1
buttons	2	---	---	---	---

1B) Match the descriptions to the GUI elements

- | | | | | |
|---|------------------|--|---|---|
| 1 | Radio buttons | | a | are used when you want to perform an important action. |
| 2 | Check boxes, | | b | allow you to select one or more values from a hidden list. |
| 3 | Text fields | | c | allow you to select one value from a set of values on screen. |
| 4 | Drop-down fields | | d | are used to enter values like names, addresses and notes. |
| 5 | Buttons | | e | only allow two values – true and false – for a given field. |

1C) Complete the notes on how to configure the following using the words from the box. Some words can be used more than once.

choose	decide	enter	options
preferences	select	set	control
	give		

choose	decide	enter	options
preferences	select	set	control give

- The administrator selects (1) the preferences (2) using the configuration options.
- To allow users freedom, give (3) them as much control (4) as possible.
- To choose (5) to force install software for critical software only, you have to select (6) the first radio button selection.
- The user controlled configuration section allows you to set/select/choose (7) which configuration options (8) to give to (9) users.

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- To choose (10) the duration after which force install occurs, you have to enter (11) a number into the duration text field and select (12) a value from the drop-down box.



1D) Talk to a partner: How much choice should users be given?

Which options would you choose if you wanted to give users...

- as little choice as possible?
- as much choice as possible?

Task 2: Taking actions to achieve the desired outcome

You listen to your boss and a colleague, Gavin, discussing how best to configure the software installation for the company's employees.



2A) Listen to their conversation and give the reasons why your boss thinks the following suggestions won't work

forced updates	
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forced updates	users may not be able to use pc when needed more complaints
telling how many times they can delay an install	confusion, multiple releases at one time with different delay counters
emailing users	wont read it
installation on startup	many users dont turn off pc, so pc wont update for a long time then all at once

2B) Listen again and complete the sentences, using the prompts in brackets

- 1) If we minimize the options that users have, *we will have a clean, secure software environment.* (secure software environment).
- 2) If we allow them to control when their updates are installed, we will get fewer complaints
_____ (fewer complaints.)
- 3) (restrict / control) we have to restrict control if we want to do our job properly.

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- we have to allow them to delay the installation
- 4) If we want a good balance, _____ (allow / delay / installation).
 - 5) If we want them to have control, we should tell them how many times they can delay
_____ (tell / how many times / delay).
 - 6) If we send them an email to explain how important installs are, they will be less likely to delay
_____ (less likely / delay).
 - 7) (call / complain / slow startup) they'll call and complain about the slow startup
_____ if their battery goes flat in the middle of the day.

Talking about consequences

If we **minimize** their options, we **will have** secure software.
We **should minimize** their options **if we want** secure software.

If we **minimize** their options, we **will have** secure software.
We **should minimize** their options **if** we **want** secure software.

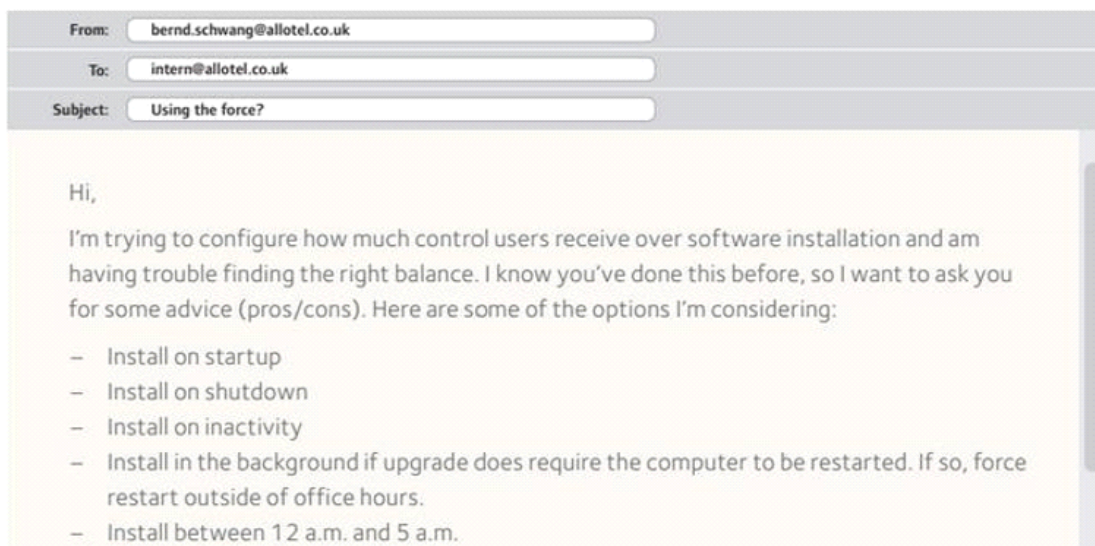
Task 3: Writing instructions to configure software

You've received an email from a colleague asking for advice on the best balance of configuration options.



3A) Read the email and note down the following

- the outcomes you would expect for the options mentioned
- some pros and / or cons of each option



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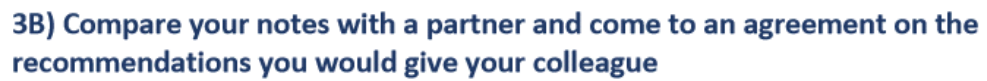
- Download installation files when connected to network and install even if not connected to network
- Communicate with users to tell them why installs are so important
- Communicate to users that find their computers have been restarted overnight and confirm that all of their files will be saved

Any help would be appreciated.

Cheers,
Bernd

PS – hope you like the Star Wars reference!

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This image shows a single sheet of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's resting on a surface.