

# Examination for "*The basic certificate*"

This multiple choice test contains questions to obtain the certificate "*The basic certificate*" with the ID 4711. Note that more than one answer may be correct for a question.

## Question 1

Which of the following statements about the interactive use of resources managed by a workload manager are true? (In the following, a compute node is any node that is managed by the workload manager, and a login node is a node that is accessible via `ssh` through the internet.)

**Mark answers as right or wrong.**

**Zero, one, several, or all of the answers may be correct.**

Answer 1: **Interactive commands cannot use multiple CPU cores or compute nodes.**

☐ wrong ☒ unknown ☐ right

Answer 2: **It's not possible to `ssh` into compute nodes that are managed by a workload manager.**

☐ wrong ☒ unknown ☐ right

Answer 3: **Interactively used resources must be returned to the workload manager using a special command.**

☐ wrong ☒ unknown ☐ right

## Question 2

Consider the following script: `#!/usr/bin/env bash`  
`function foo() { echo $# } bar() { if (( $# != 0 )); then`  
`return 0 else return 1 fi } function baz { RESULT="$*" }`  
Which of the following statements is correct? Assume that any following command is appended to the script before the script is executed.

**Mark answers as right or wrong.**

**Zero, one, several, or all of the answers may be correct.**

Answer 1: **A shell function `baz` is defined.**

☐ wrong ☒ unknown ☐ right

Answer 2: **A following shell command `baz Hello World!` will print nothing.**

☐ wrong ☒ unknown ☐ right

Answer 3: **A following shell command `baz Hello World! ; echo "\$RESULT"` will print "Hello World!" (only a single space in the output).**

☐ wrong ☒ unknown ☐ right

## Question 3

Explain the purpose of `sshfs`.

## Question 4

☐ wrong ☒ unknown ☐ right

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Please check the correctness of the Name, Email address, and Affiliation.

**Test submissions cannot be undone, the values above will be used to create your certificate.**

submit test