

Consistent Training Environments in the Cloud

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Problem:

"I need 20 similar virtual machines for my training next week."

"Oh, and the same training should be run in {select other European country} in 3 months."




```
});  
$(document).on('click', 'a#form_send', function(e) {  
    e.preventDefault();  
    $(this).blur();  
    $.doTimeout('scrollToFooter', 200);  
    var blinkSpeed = 200;  
    var shadowType = '0 0px 0px 0px';  
    $(this).animate({opacity: 0.5}, 100);  
    $.doTimeout('scrollToFooter', 200);  
    $(this).animate({opacity: 1}, 100);  
    $.doTimeout('scrollToFooter', 200);  
    $.doTimeout('scrollToFooter', 200);  
});
```

Images/Snapshots:

Pros:

Easy to understand.

Quite easy to create.

Guaranteed consistency.

Cons:

Can be very hard to transfer to (other) clouds.

Clouds might not accept user-defined images.

A bit hard to share and version.

Configuration mgmt:

(don't worry, it's really not as hard as it sounds)

Pros:

Very little dependencies.

Works against Any VM (TM).

Small size, easy to share and collaborate.

Cons:

Requires some pre-knowledge.

Requires some tools (e.g. ansible).