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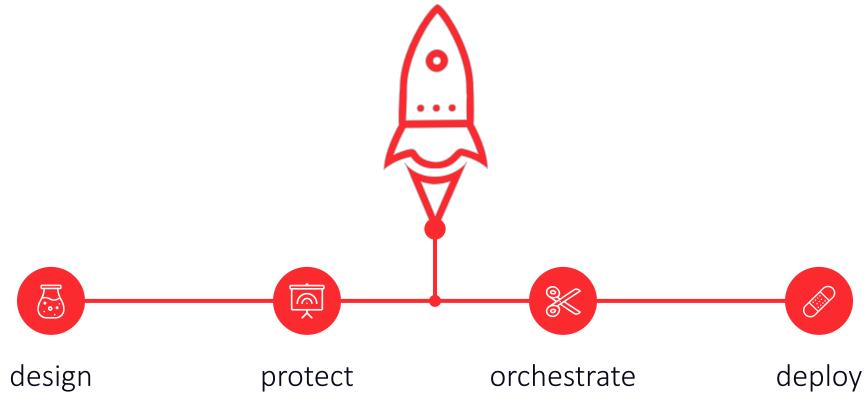
Co-Creator

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Melissa

Creative Director

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virtual design master
theme

design

Use business requirements to create detailed designs using a specific and challenging scenario

protect

Create a resilience plan based on a specified failure domain for your design.

orchestrate

Automate and orchestrate the building and operation of your infrastructure.

deploy

Deploy a detailed and challenging production scenario on real servers.

virtual design master
alumni

season three

Steven Viljoen
@StevenViljoen

season two

Timothy Patterson
@timpatt16

season four

Katerina Wagnerova
@_KatkaW_

season one

Akmal Khaleeq Waheed
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season five

Chris Porter
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virtual design master
introduction: season 6

hackathon.

Hackathon: an event, typically lasting several days, in which a large number of people meet to engage in collaborative computer programming. In 2019, Virtual Design Master will help to redefine the hackathon!

HACKATHON 101

season 6
schedule

june
27
The Idea
discopos.se/vdms6e1

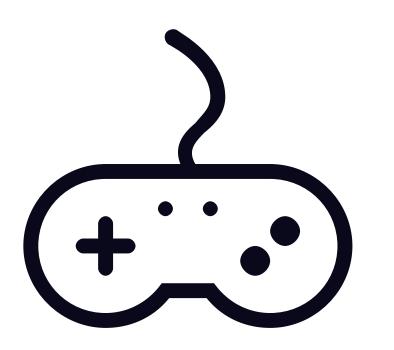Coming up with a viable idea for a hackathon

july
11
The Team
discopos.se/vdms6e2

Building an inclusive team, matching skills, and mentoring

july
18
The Product
discopos.se/vdms6e3

Developing an effective approach to hackathon product management

july
25
The Event
discopos.se/vdms6e4

Preparing for the live event and how to pitch your product idea

PLAY
BY
RULES

01

The Idea

The art of generating the a hackathon idea for you and your team

VIRTUAL DESIGN MASTER SEASON 6 - EPISODE 1

HACKATHON SERIES "THE IDEA"

Virtual Design Master
Webinar Registration

https://discopos.se/vdms6e1

hackathon
101

plan smart
What is the problem you are trying to solve

dream big
Think big and scale to the MVP

look ahead
Imagine the outcome and begin your planning

build trust
Lean on your team and your peers to achieve the goal

define
the challenge

find a challenge

What is a challenge that you know of that may be shared by others?

how to solve it

How would you mitigate or solve this challenge if given the chance?

how to build it

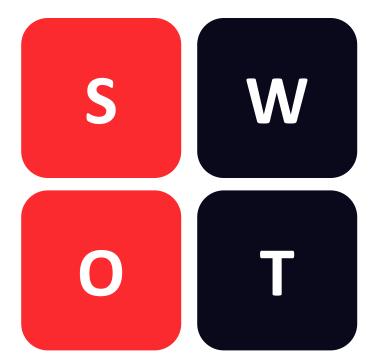What platform or product could you build to solve this challenge?

swot
analysis

strengths

What your potential hackathon idea brings to the market?

opportunities

Who would use this idea and what would be the reach (aka Total Addressable Market) for this idea?

S

W

O

T

weaknesses

Does the idea still leave gaps and weaknesses or is it sub-par to other potential (and already available) alternatives?

threats

Is this something that is already or imminently available in another product?

we have an
idea

Example 1:   Web application for VM controls

01

You want to be able to provide a web-based dashboard for users who can search for their VMs and be able to power them on and off without having to use a VMware client.

we have an
idea

02

Example 2:   Alexa skills to run a PowerCLI script

Launch a script using Alexa or Google Assistant as a way to interact with your infrastructure using voice and an API gateway.

we have an
idea

03

Example 3: Chargeback tracking for VMs or cloud instances

Build a chargeback / CMDB using live data from a virtual infrastructure that allows for clients to be assigned a budget code for utilization.

**we have an
idea**

04

Example 4:   Exporting process of infra stats to ELK

Build a python exporter that grabs log data from a cloud app and some hosts and export to ELK (Elasticsearch / Logstash / Kibana) to visualize data as a time-series graph.

we have an
idea

05

Example 5:   Build Kubernetes on a Raspberry Pi hanging from a drone

Just for fun, create an installer for K8s on ARM that can be done over Wifi and flown around a room while you deploy apps to it. Hey, why not?

design your
mvp

priority #1

What does the basic application need to become viable to demo. This may be as little as a design sample or include some screenshots and mockups along with a working product.

priority #2

What are the second-tier features you would add if given time?

priority #3

This is the big picture stuff where you go beyond first draft.

build your "why?"
main target

Using an application to enable peope to do more things, faster, with consistency to achieve a bigger goal

Don't be discouraged by the bigness of a Why? statement.

it begins with an idea

- What is a challenge that you have that you believe you can solve?
- Who else shares this challenge?
- Can the challenge be solved with a process or an application?

- You know more than you realize about how to solve the challenge
- Programming and scripting are well within your reach already
- We all move faster as a group when we collaborate

hackathon ideas

- What does a minimum viable product look like?
- Can this idea be developed to MVP in a hackathon timeframe?
- Where do you want to go with the idea from here?

register
to stay in touch

Episode 2 – Building the Team
http://discopos.se/vdms6e2

Episode 3 – Hackathon Product Mgmt
http://discopos.se/vdms6e3

Episode 4 – Getting Ready!
http://discopos.se/vdms6e4

Register the Series!

Each webinar is available for registration using the links here and will also be available on-demand.

Stay in touch to keep in the know and to hear about all of the details of the upcoming live hackathon in August 2019 before VMworld.