

VMware technologie pro Cloud privátní, hybridní i veřejný

Marek Bražina

Senior Systems Engineer

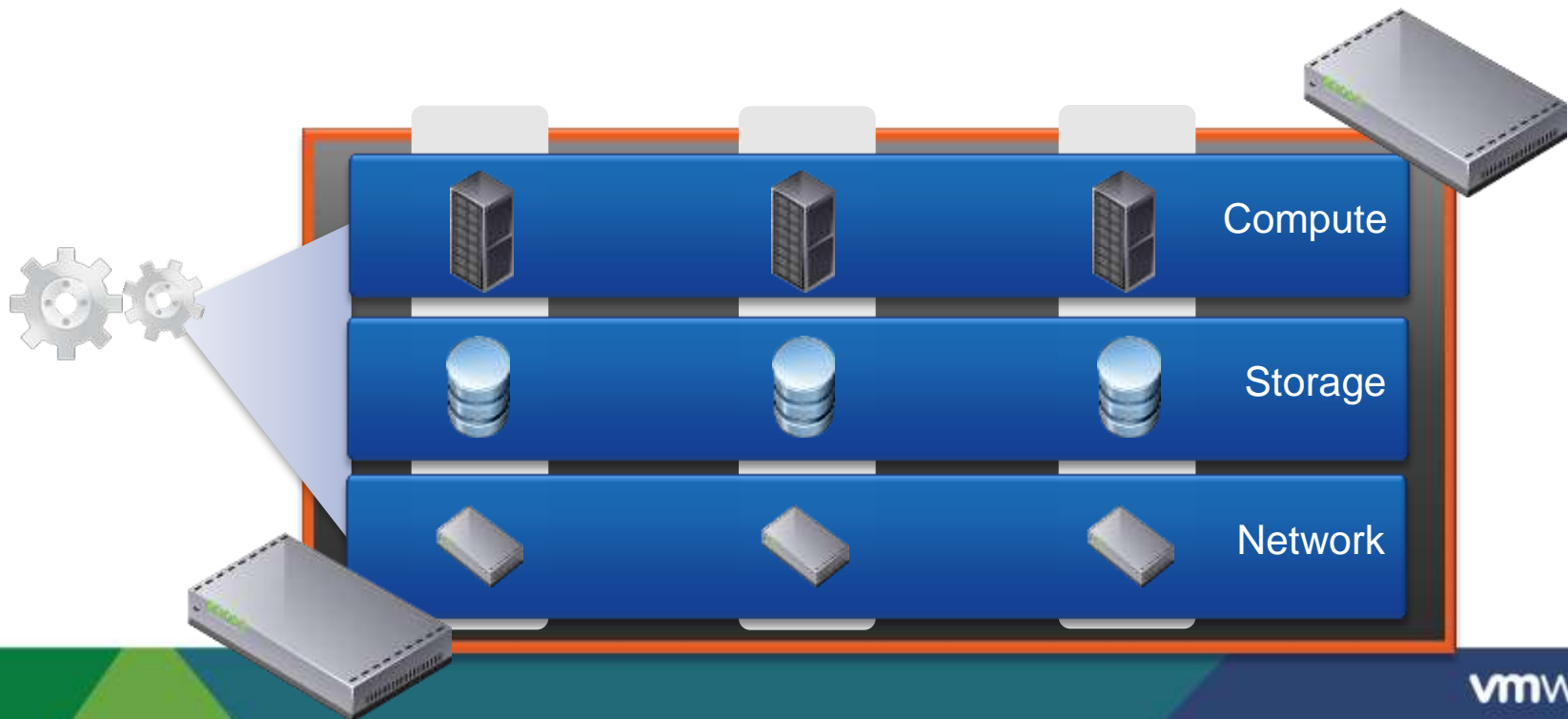


Customer Presentation

vmware®

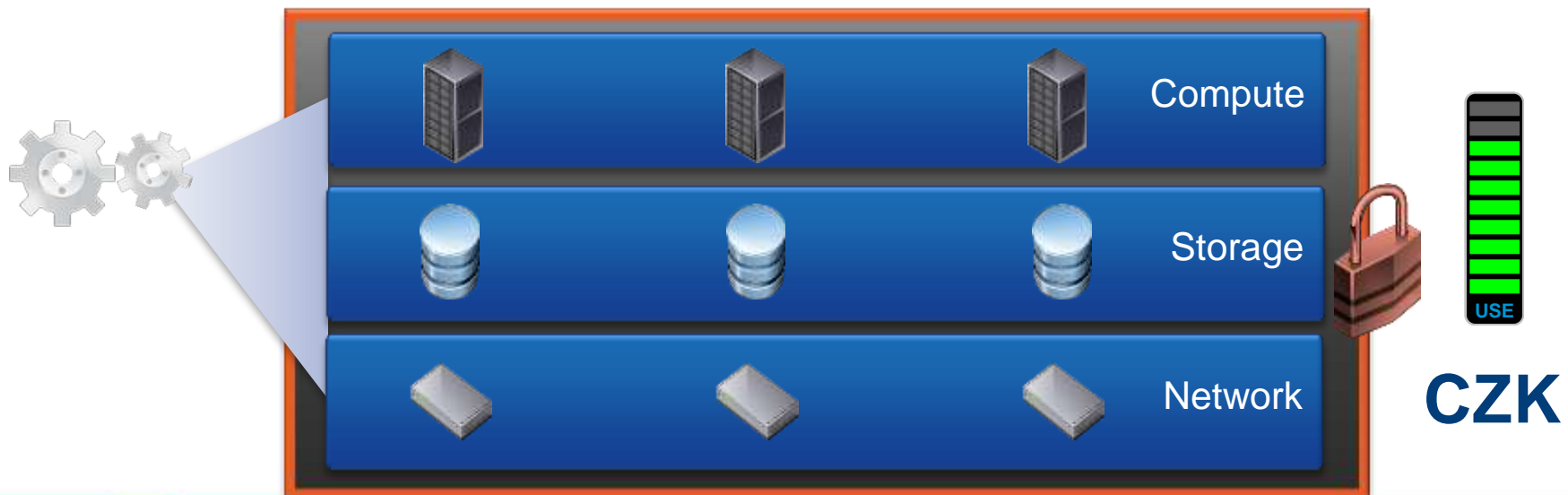
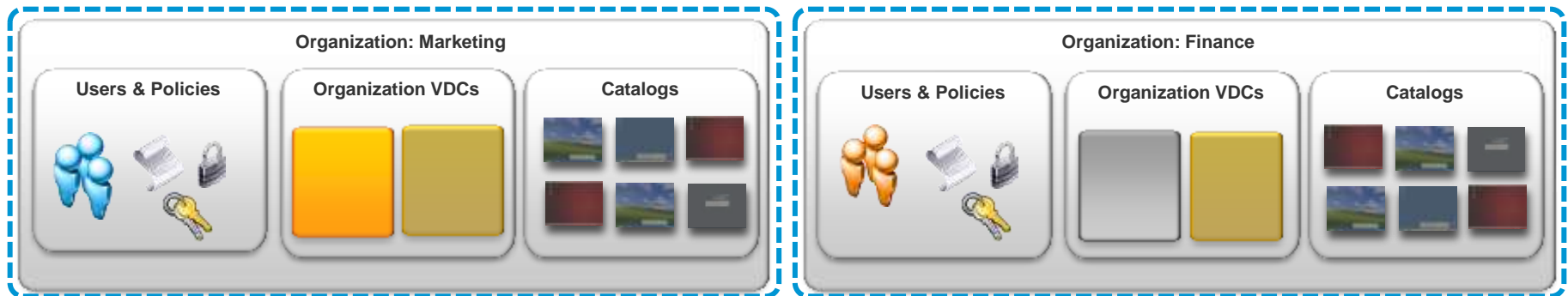
Evoluce existujících DC na privátní cloud

- ✓ Využití virtualizace k transformaci fyzických sil na elastickou, virtuální kapacitu
- ✓ Zvýšení automatizace pomocí policy-driven managementu
- ✓ Přesun od statické, fyzické bezpečnosti k dynamické a zabudované



Evoluce existujících DC na privátní cloud

- ✓ Využití virtualizace k transformaci fyzických sil na elastickou, virtuální kapacitu
- ✓ Zvýšení automatizace pomocí policy-driven managementu
- ✓ Přesun od statické, fyzické bezpečnosti k dynamické a zabudované
 - ✓ Zavedení samoobslužného portálu pro IT služby



IT musí vyřizovat požadavky správců

Správci aplikací



- Schalovací procesy
- Komplexní požadavky
- Nákup hardwaru
- Kapacitní management

Potřebuji prostředí pro běh aplikace ABC



Infrastrukturní správci



VMware nabízí samoobslužný portál



Správci aplikací



- Samoobslužný portál
- Pod kontrolou IT
- Zabezpečení



VMware vCloud Director

VMware vSphere

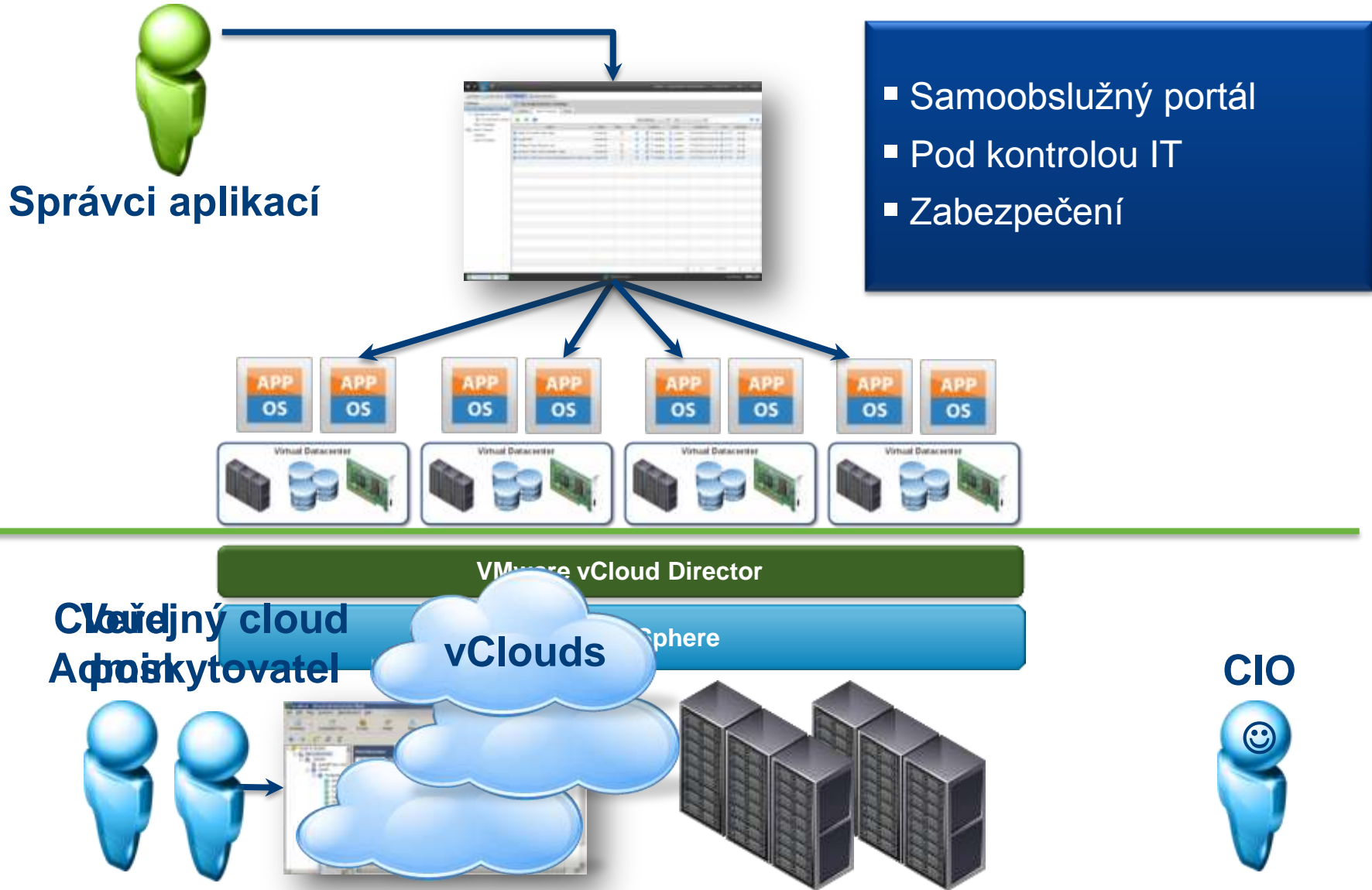
Správci
Infrastruktury

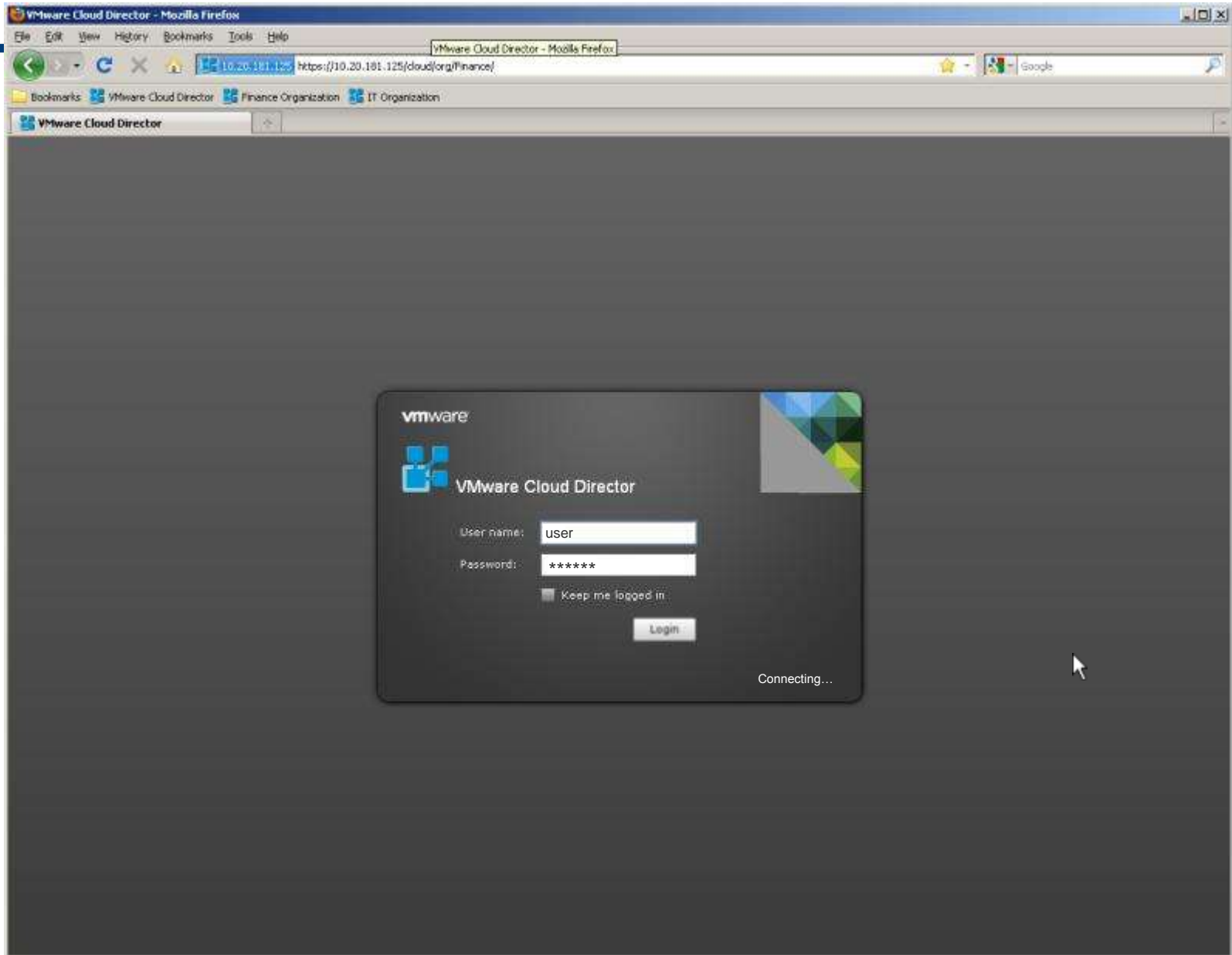


CIO



vCloud Suite umožňuje i využívání public cloudů





VMware Cloud Director - Mozilla Firefox

File Edit View History Bookmarks Tools Help VMware Cloud Director - Mozilla Firefox

https://10.20.181.125/cloud/org/Finance/#/orgUserHome? ☆ Google

Bookmarks VMware Cloud Director Finance Organization IT Organization

VMware Cloud Director

Finance user (Finance user) | Preferences | Help | Logout

Home My Cloud

Welcome, user, to your organization's cloud: Finance

Tasks

- + Add Cloud Computer System
- Need access to a different cloud computer? Contact your administrator to get access to more cloud computers.

Quick Access

To power on or use a cloud computer

+ vApp_user_1 Running

Support

- Help
- Feature Request
- About

Add vApp from Catalog

Select vApp Template

A vApp is a cloud computer system that contains one or more virtual machines (VMs). Select a pre-built vApp template from the catalog for your new vApp.

Look in: My organization's catalogs All

Name	Go...	Catalog	Owner	Created On	Stora...	...
Secure Medium Redhat Enterprise 5.5 vApp	Go...	Finance C	finadmir	07/26/2010 1:18	10 GB	
Secure Monte_Carlo Simulation machine	Go...	Finance C	finadmir	07/26/2010 1:12	10 GB	
Secure Windows 2k3 Medium vApp	Go...	Finance C	system	07/26/2010 1:23	20 GB	

1-3 of 3

Back Next Finish Cancel

0 Running 0 Failed

VMware Cloud Director

Powered by VMware

VMware Cloud Director - Mozilla Firefox

File Edit View History Bookmarks Tools Help

10.20.181.125 https://10.20.181.125/cloud/org/Finance/#/orgUserHome? Google

Bookmarks VMware Cloud Director Finance Organization IT Organization

VMware Cloud Director

Finance user (Finance user) | Preferences | Help | Logout

Home My Cloud

Welcome, user, to your organization's cloud: Finance

Tasks

- + Add Cloud Computer System
- Need access to a different cloud computer?
Contact your administrator to get access to more cloud computers.

Quick Access

To power on or use a cl

- + vApp_user_1
Running

Support

- Help
- Feature Request
- About

Add vApp from Catalog

Select vApp Template

Name this vApp

Configure Virtual Machines

Configure Networking

Ready to Complete

Ready to Complete

You are about to create a vApp with these specifications. Review the settings and click Finish.

Name:	Monte Carlo vApp
Description:	
Owner:	user
Runtime lease:	7 Days
Runtime lease expiration:	Mon Aug 2 22:32:58 GMT-0700 2010
Storage lease:	14 Days
Storage lease expiration:	Mon Aug 9 22:33:28 GMT-0700 2010
VMs - 1:	Monte Carlo vApp -
Networks - 1:	finance-internal

Back Next Finish Cancel

1-2 of 2

0 Running 0 Failed

VMware Cloud Director

Powered by VMware

VMware Cloud Director - Mozilla Firefox

File Edit View History Bookmarks Tools Help

10.20.181.125 https://10.20.181.125/cloud/org/Finance/#/orgUserHome? ☆ Google

Bookmarks VMware Cloud Director Finance Organization IT Organization

VMware Cloud Director

Finance user: (Finance user) | Preferences | Help | Logout

Home My Cloud






Welcome, user, to your organization's cloud: Finance

Tasks

- + Add Cloud Computer System
- ! Need access to a different cloud computer?
Contact your administrator to get access to more cloud computers.

Quick Access

To power on or use a cloud computer, click on its thumbnail.

- +  **vApp_user_1**
Running [Open](#)
-    **vApp_user_5**
Running [Open](#)
-  **Monte Carlo vApp**
Stopped [Open](#)

Support

- Help
- Feature Request
- About

1-3 of 3

1 Running 0 Failed VMware Cloud Director Powered by VMware

The screenshot shows the VMware Cloud Director vApps management interface. A table lists three vApps: 'Monte Carlo vApp', 'vApp_user_1', and 'vApp_user_5'. A context menu is open over the 'vApp_user_5' row, with the 'Start' option highlighted. A text box with an orange border points to the 'Start' option.

Consoles	Name	Status	Sha...	Owner	Date Created	VDC
	Monte Carlo vApp	Running	-	user	07/26/2010 10:32 PM	Finance-FC
	vApp_user_1	Running	-	user	07/26/2010 1:36 AM	Finance-FC
	vApp_user_5	Running	-	user	07/26/2010 12:54 PM	Finance-FC

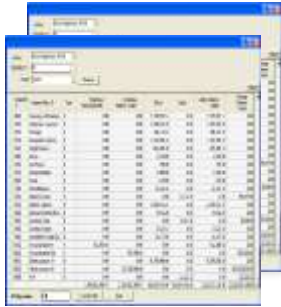
VM created in seconds with a friendly user experience

Evoluce existujících DC na privátní cloud



Pouze VMware nabízí reálný hybridní cloud

Aplikace



Aplikace



vmware[®]
vCLOUD POWERED

- Stejná platforma
- Stejný management
- Stejná bezpečnosti

Private Cloud

VMware

vCloud
Service Provider

Cloud Infrastru

Enterprise Hybrid Cloud

Cloud Infrastructure