Single Sign-on Virtual Appliance

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March 2016

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So First… What Are Containers?

http://partnervideo.slashdot.org/story/15/08/19/141212/container-explainer

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Executive Summary

- A cross-product initiative to deliver on-premise CA products
- Provide a highly-available virtual machine cluster for containerized CA products to deploy within minutes
- Short term: reduce the costs of product installation, deployment, and upgrade
- Medium term: increase the supportability and maintainability of CA products
- Long term: align on-premise products to the strategic goals of the CA Platform and other IaaS or PaaS deployments

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Business Requirement: Reduce Time to Value and Cost

- Develop product, not platform
  - Streamline OS and system support
  - Use industry accepted orchestration tools for clustering and scaling
  - Promote Continuous Integration approach and DevOps mentality
  - What we develop and test, customers operate
- Configure, not install
  - Reduce or eliminate installation
  - Provide systems that are ready to run
- Lower support cost
  - No platform variations
  - Pluggable configuration, data, binary versions

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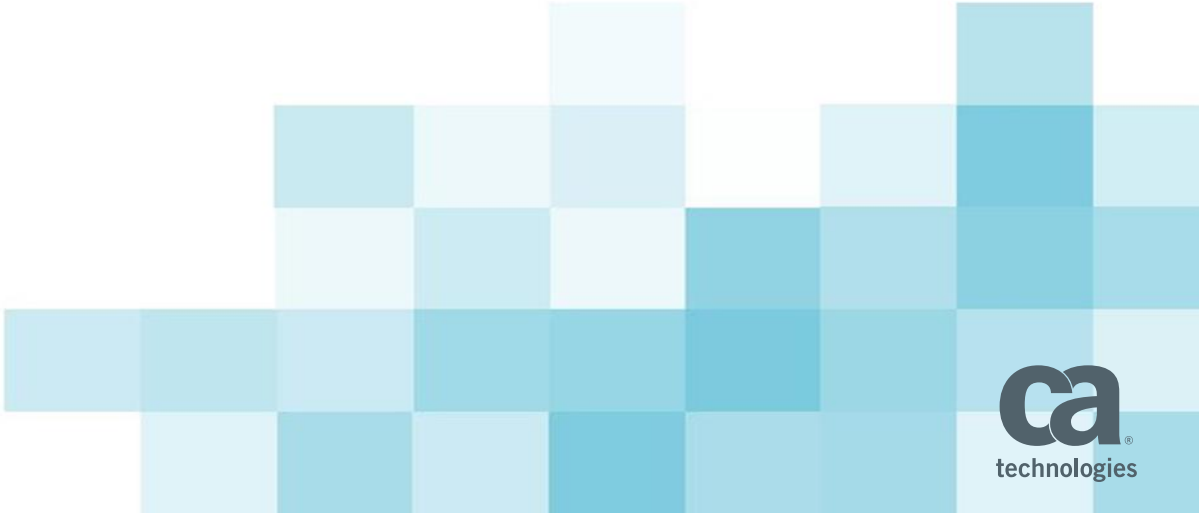
CA Single Sign-On Container Deployment



Container Deployment Steps

- Go To http://get.vapp-security.solutions/
- Download base images
- Deploy solutions

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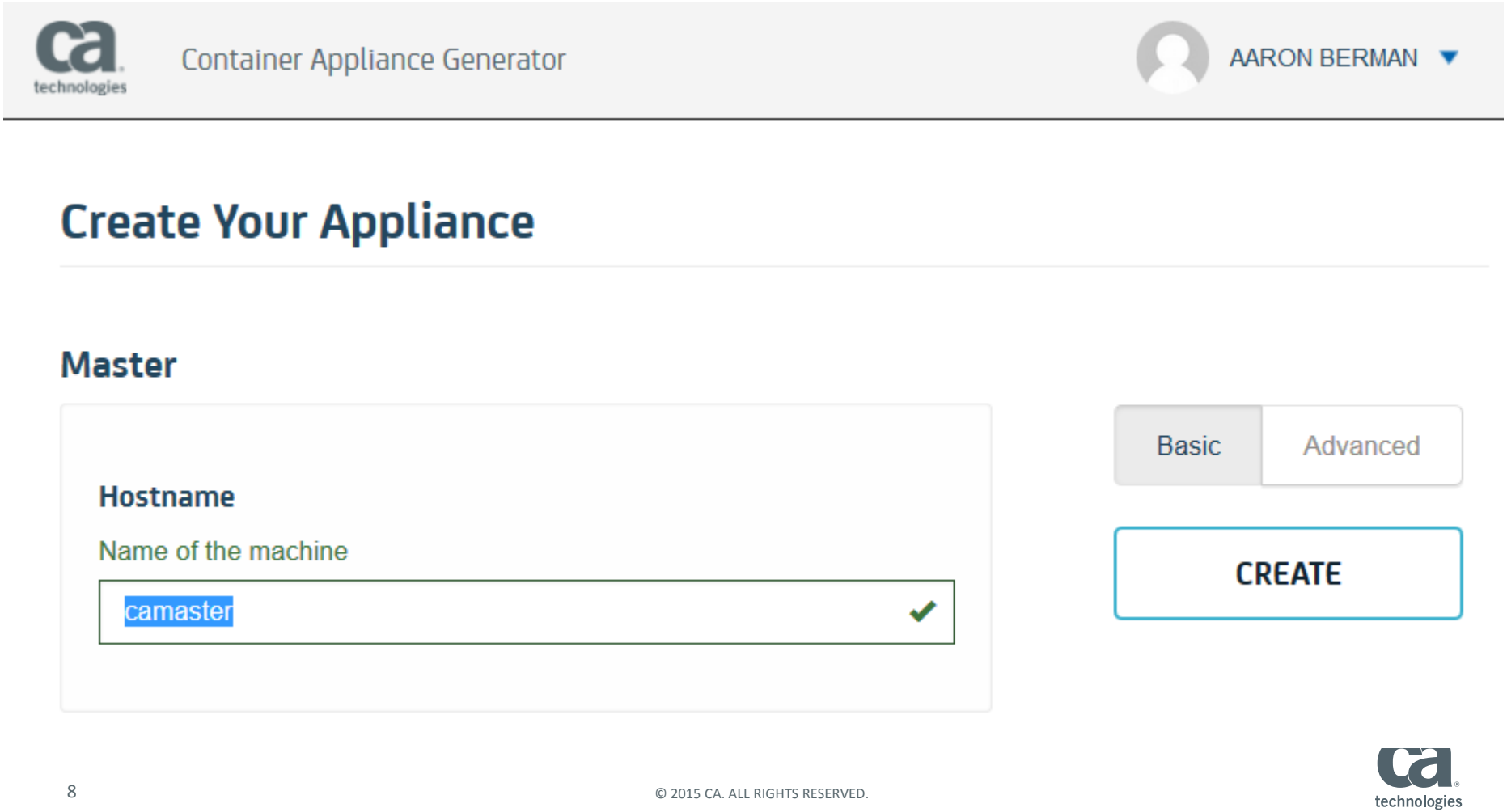

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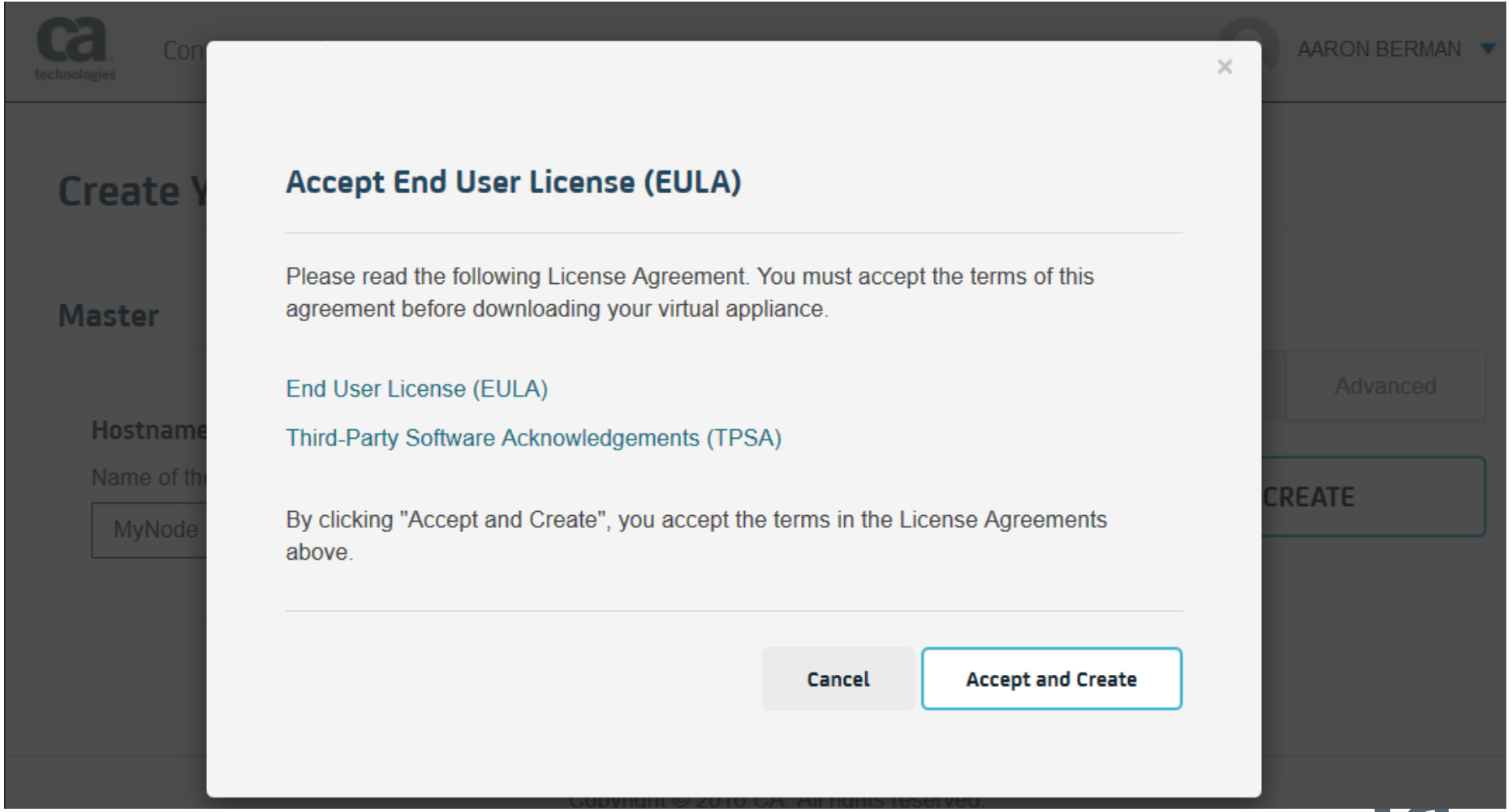

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Generating Your Appliance

Please wait. Your appliance is being generated

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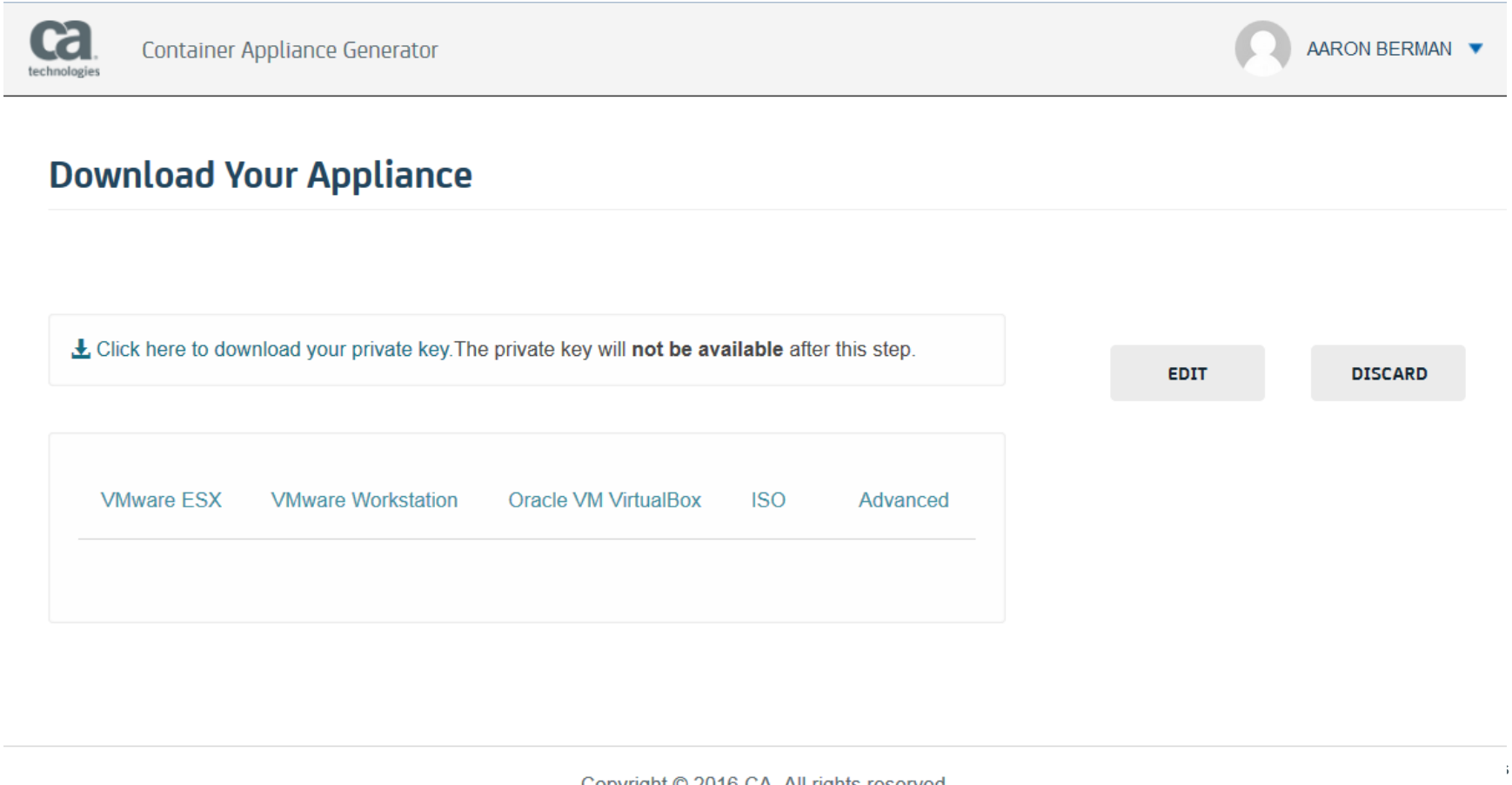
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Container Appliance Generator
AARON BERMAN
Download Your Appliance
Click here to download your private key.The private key will not be available after this step.
EDIT
DISCARD
VMware ESX
VMware Workstation
Oracle VM VirtualBox
ISO
Advanced
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Click here to download your private key.The private key will **not be available** after this step.

VMware ESX | VMware Workstation | Oracle VM VirtualBox | ISO | Advanced

EDIT DISCARD

Download MyNode

https://get.vapp-security.solutions/machines/ea9c737edc4c6c2431a550ec570491ce3360a810

Download node

https://get.vapp-security.solutions/machines/ea92b033520d68d225b00e155a43fd71aa8ecdb3

How to deploy your appliance on VMware Workstation

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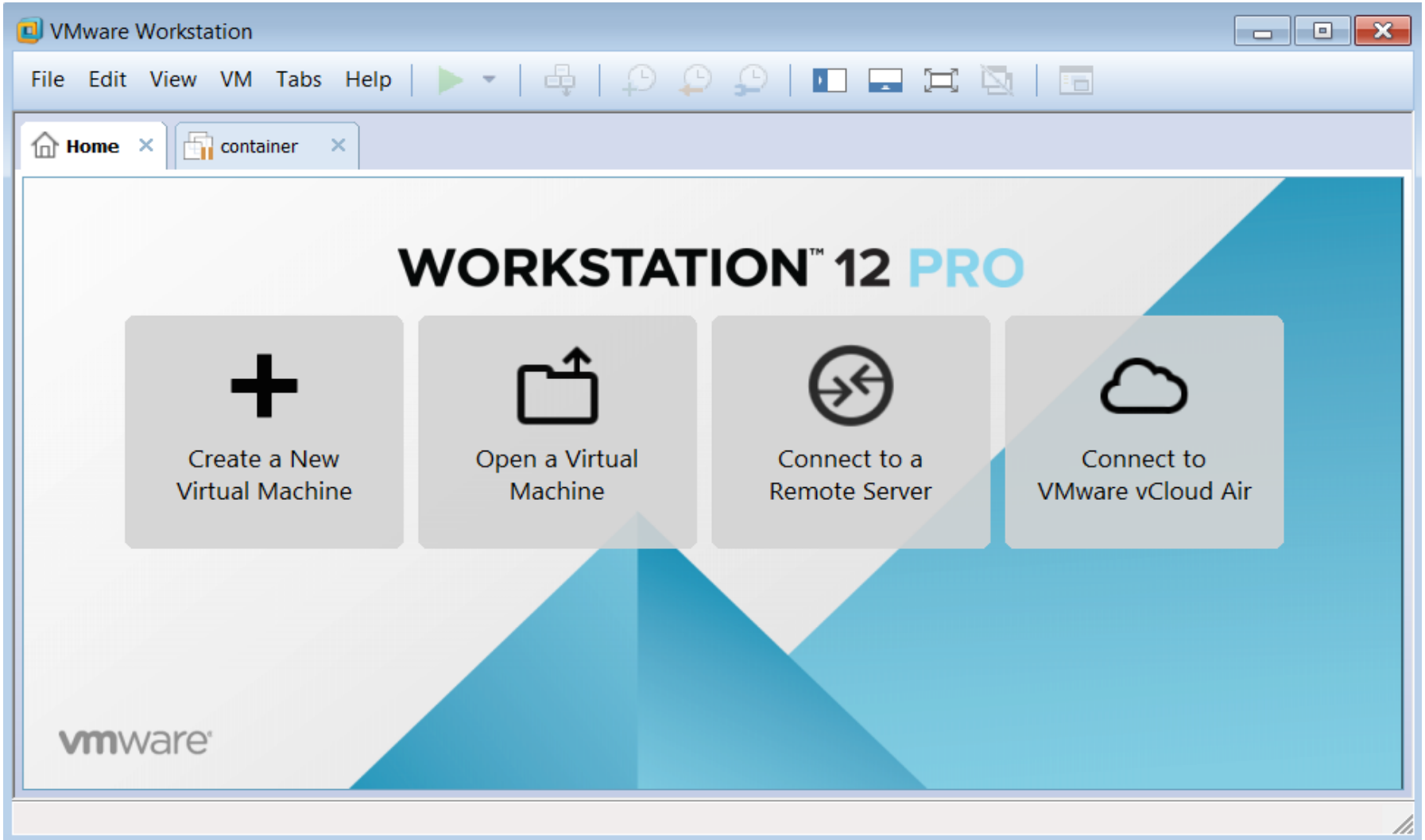
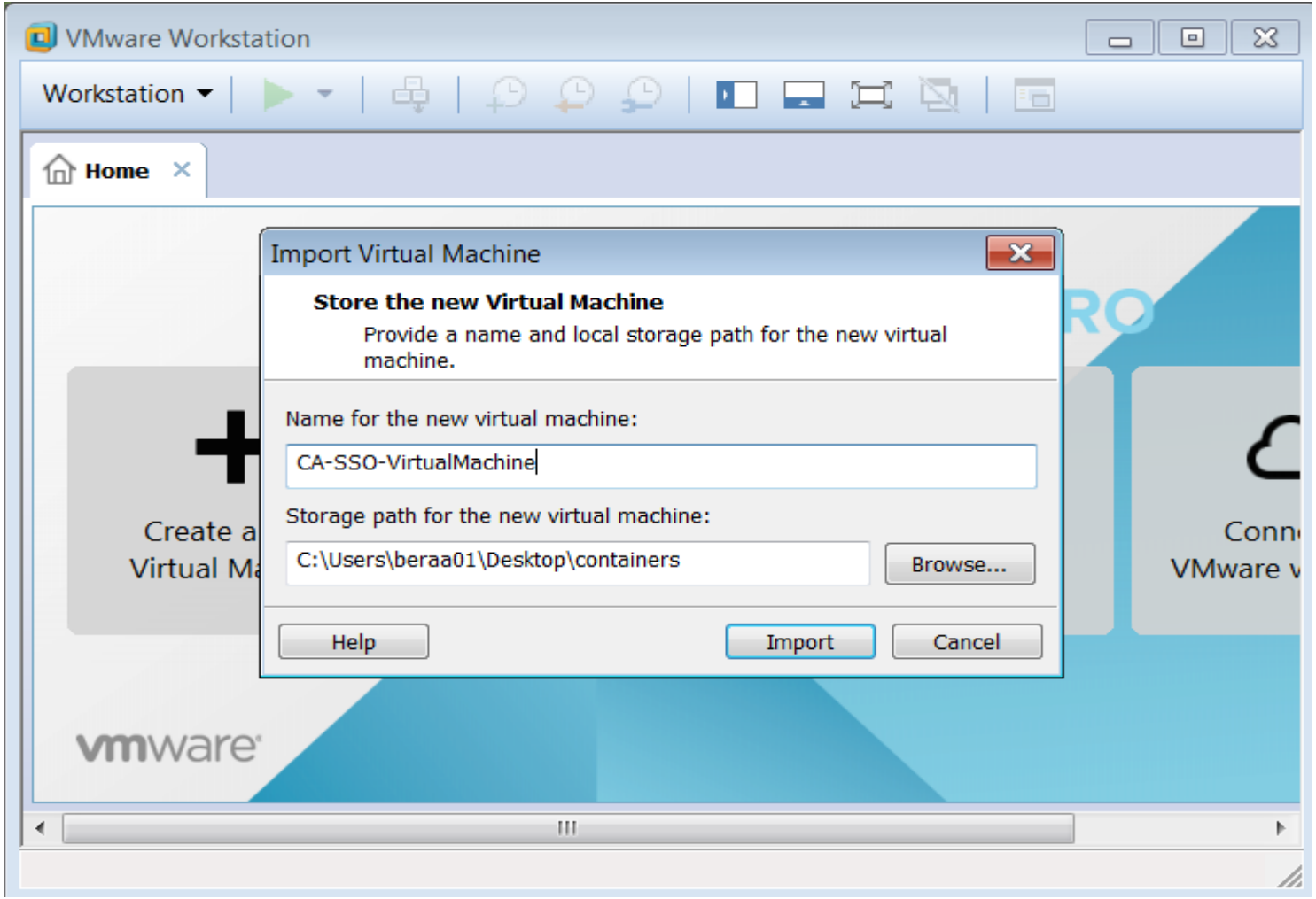

VMware Workstation
File Edit View VM Tabs Help
Home
container
WORKSTATION™ 12 PRO
Create a New Virtual Machine
Open a Virtual Machine
Connect to a Remote Server
Connect to VMware vCloud Air
vmware



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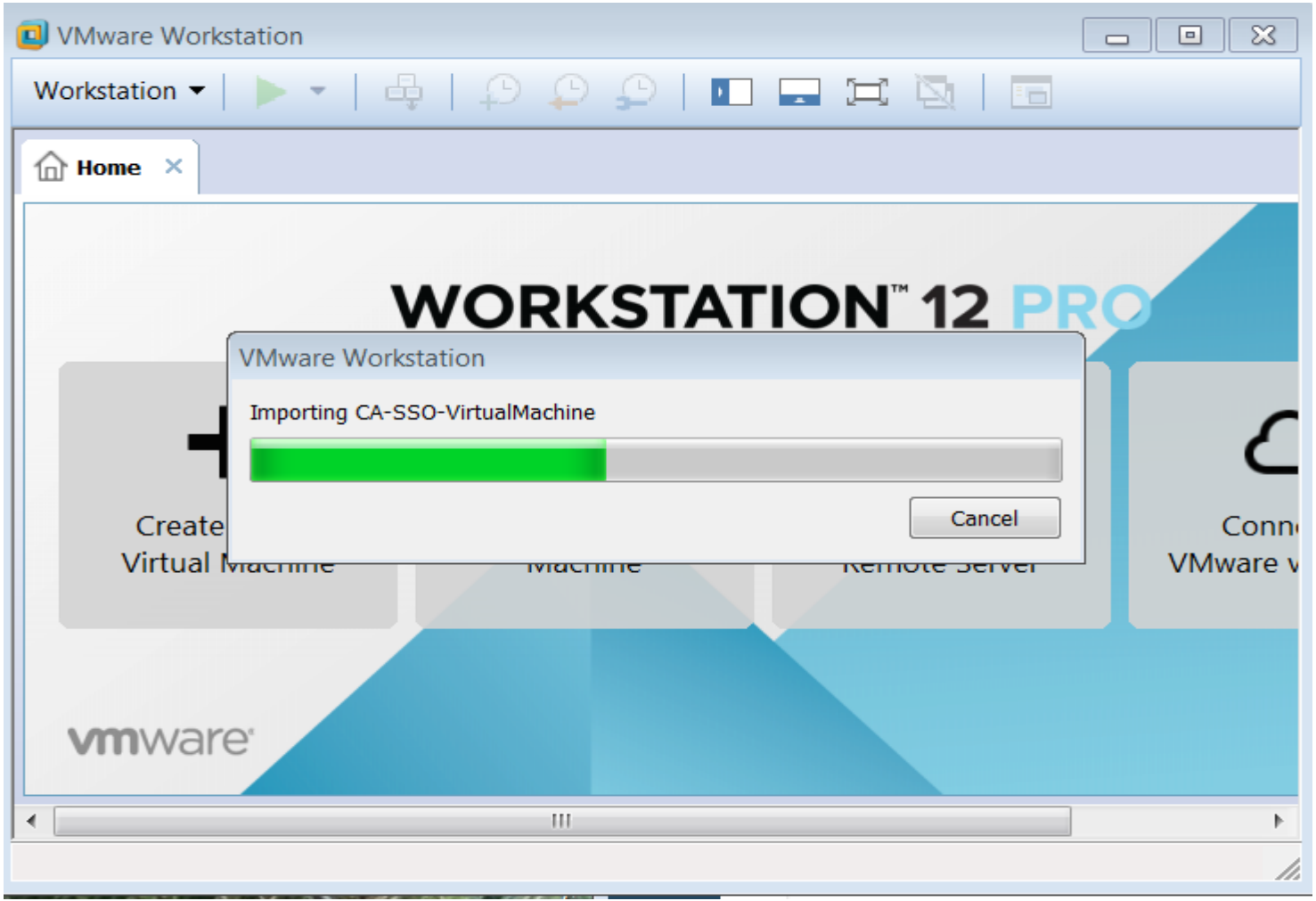

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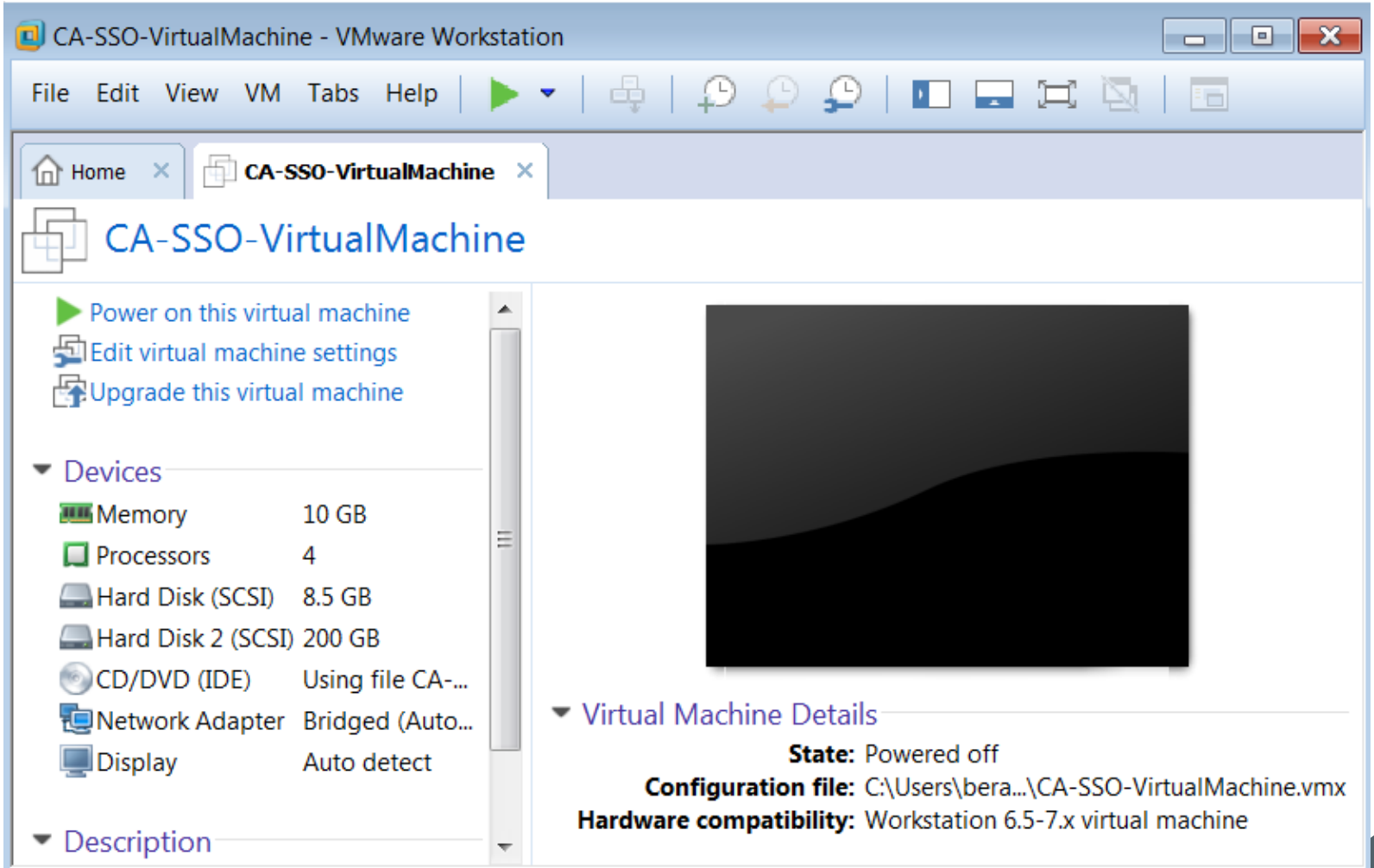
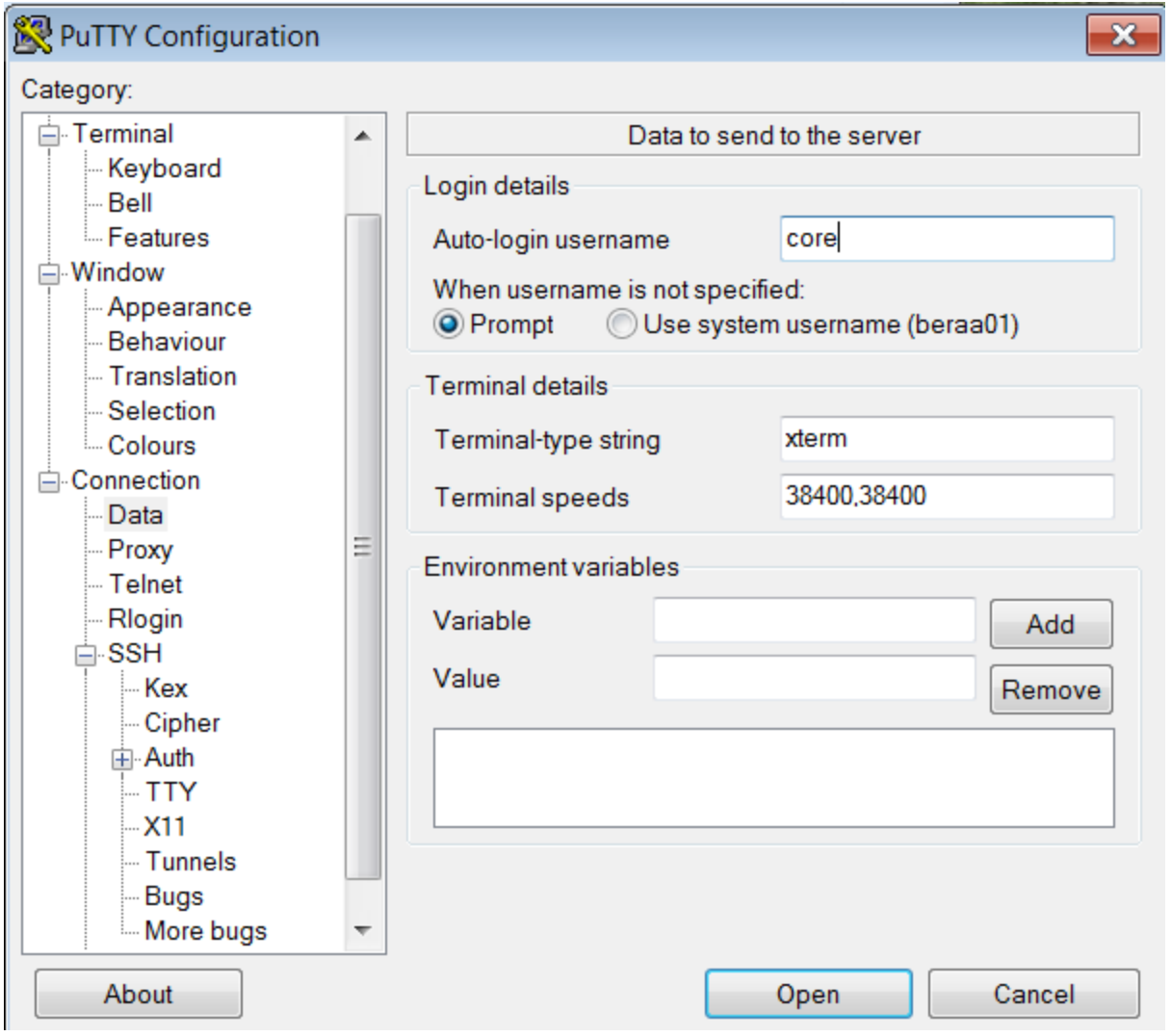

CA-SSO-VirtualMachine - VMware Workstation
File Edit View VM Tabs Help
Home
CA-SSO-VirtualMachine
CA-SSO-VirtualMachine
Power on this virtual machine
Edit virtual machine settings
Upgrade this virtual machine
Devices
Memory 10 GB
Processors 4
Hard Disk (SCSI) 8.5 GB
Hard Disk 2 (SCSI) 200 GB
CD/DVD (IDE) Using file CA-...
Network Adapter Bridged (Auto...
Display Auto detect
Description
Virtual Machine Details
State: Powered off
Configuration file: C:\Users\bera...\CA-SSO-VirtualMachine.vmx
Hardware compatibility: Workstation 6.5-7.x virtual machine



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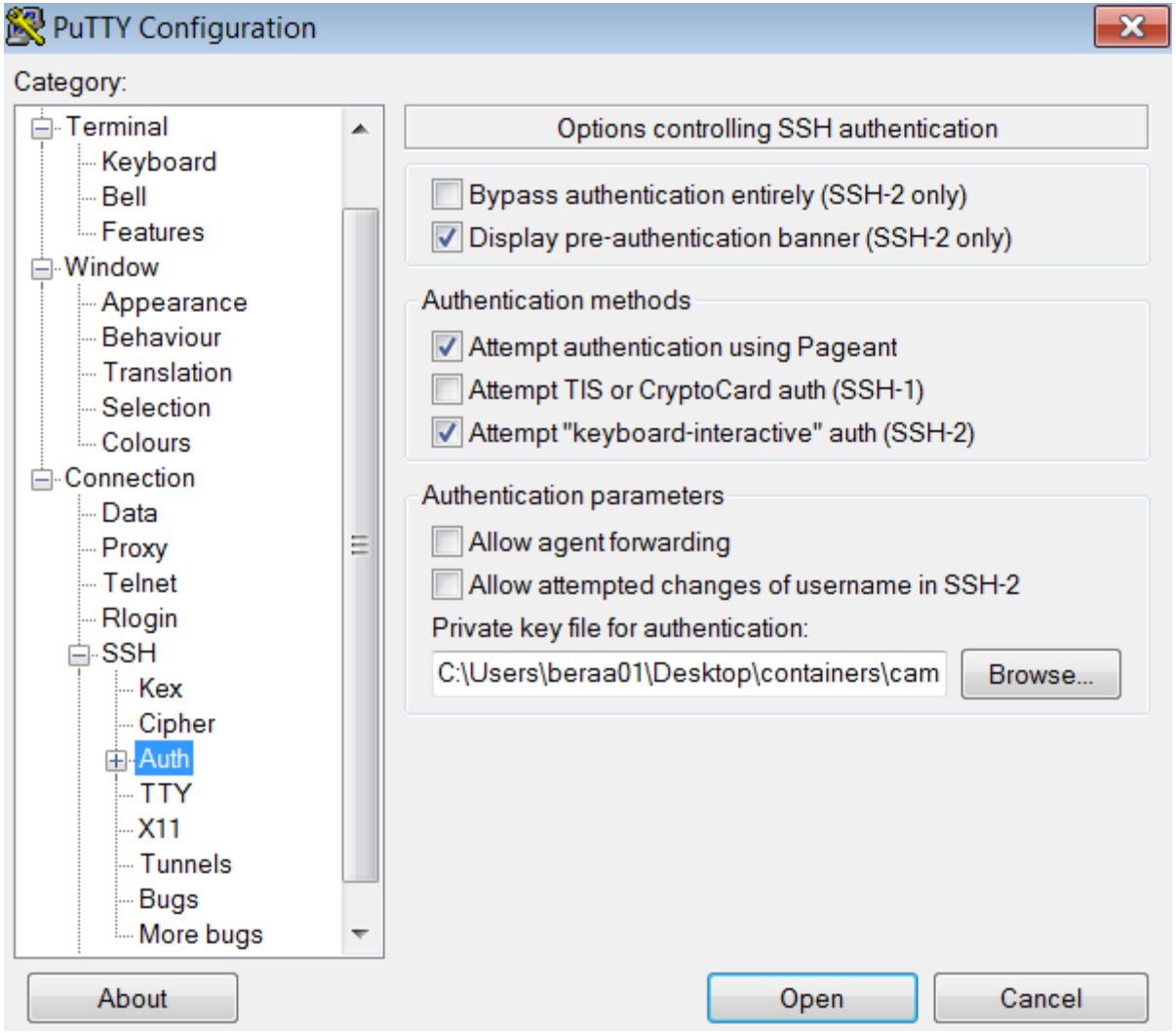

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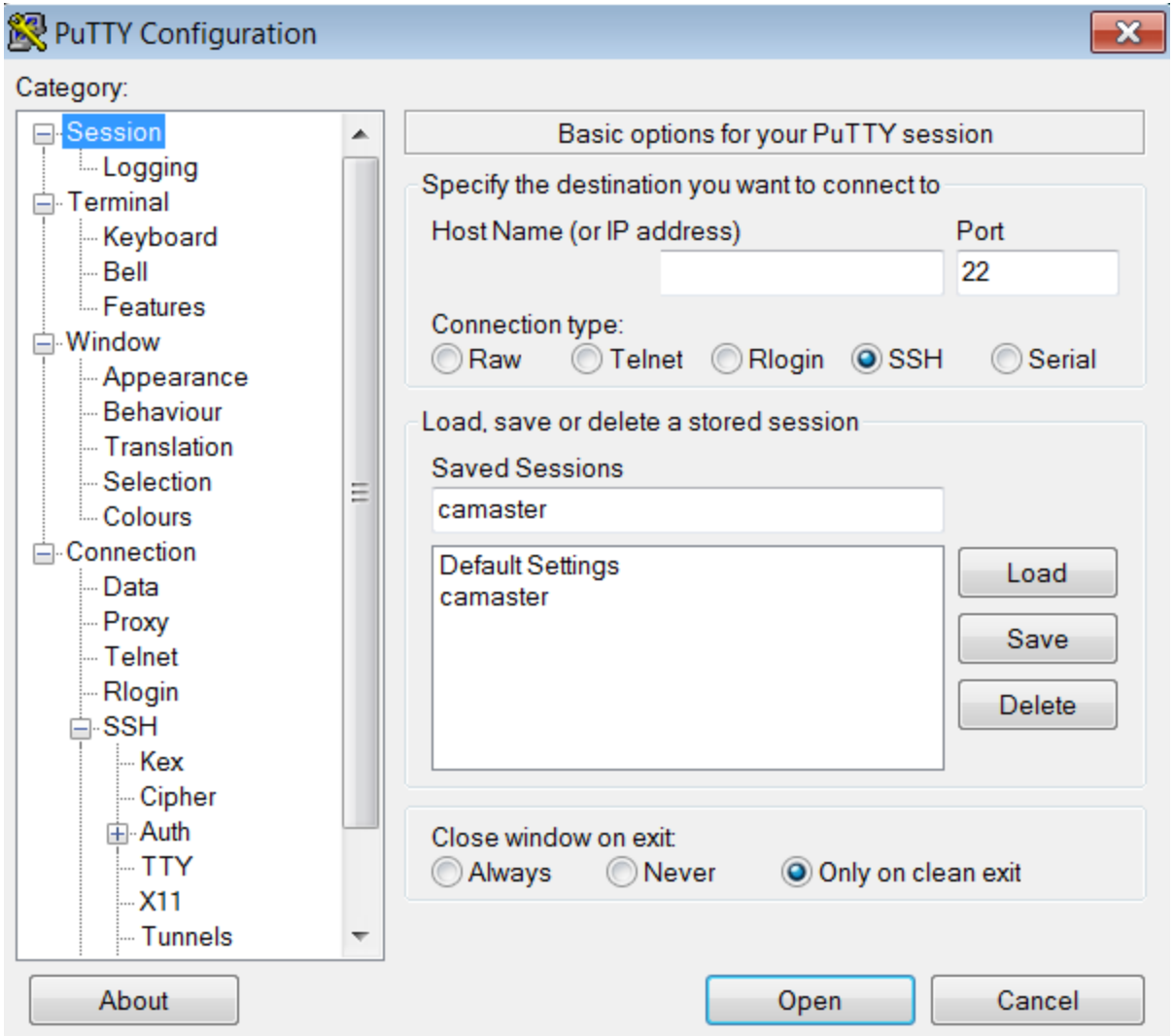

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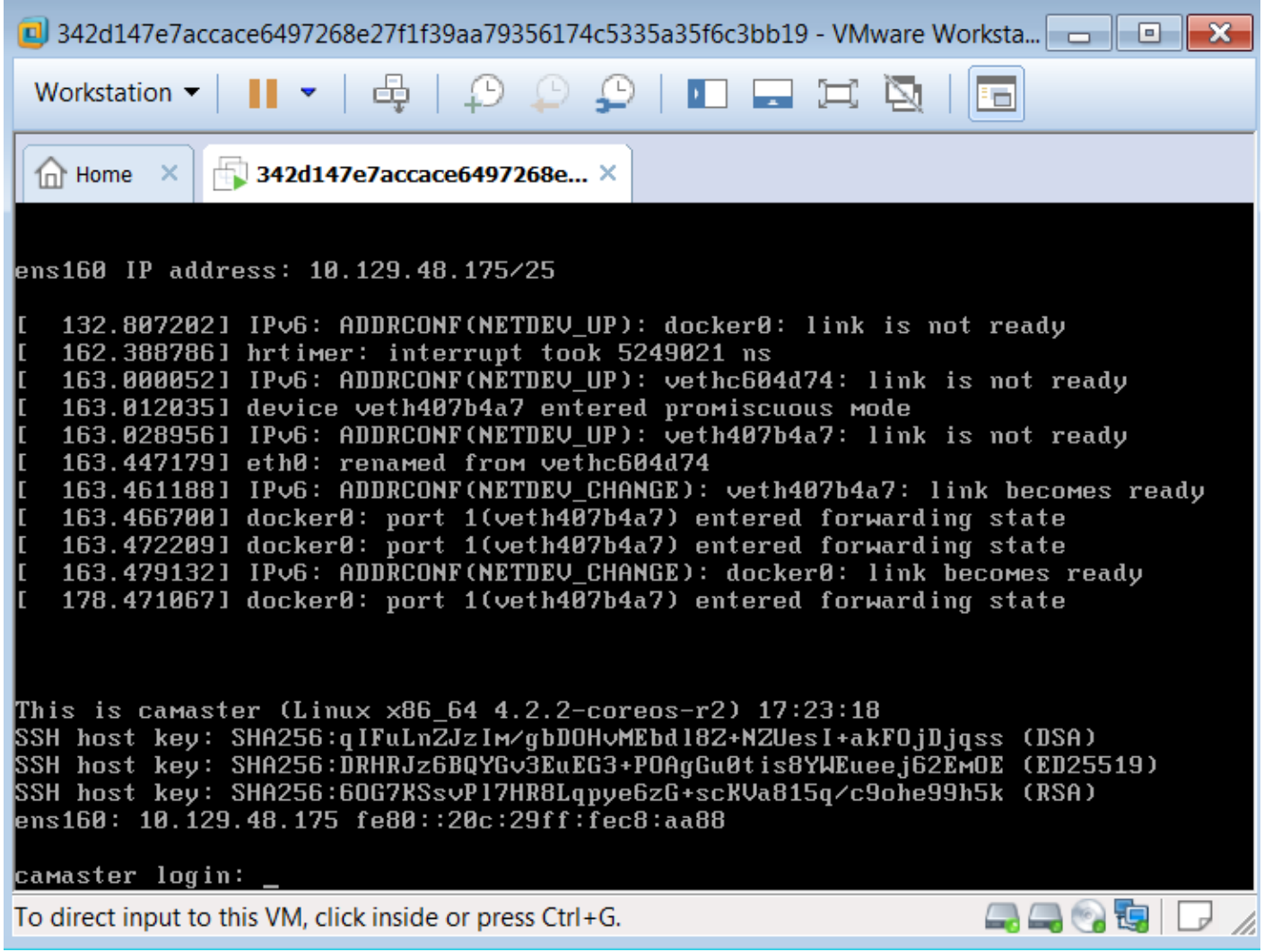

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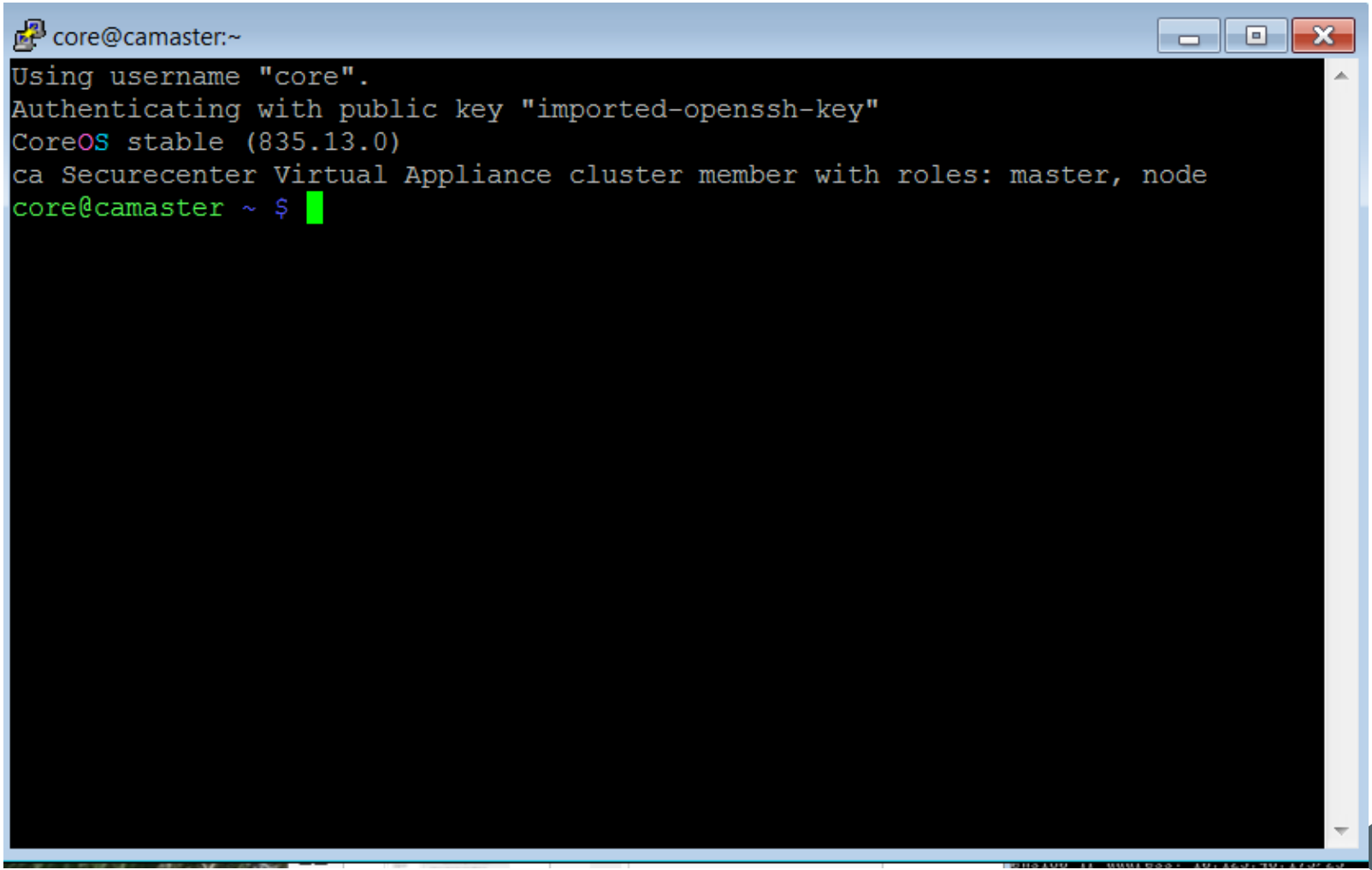

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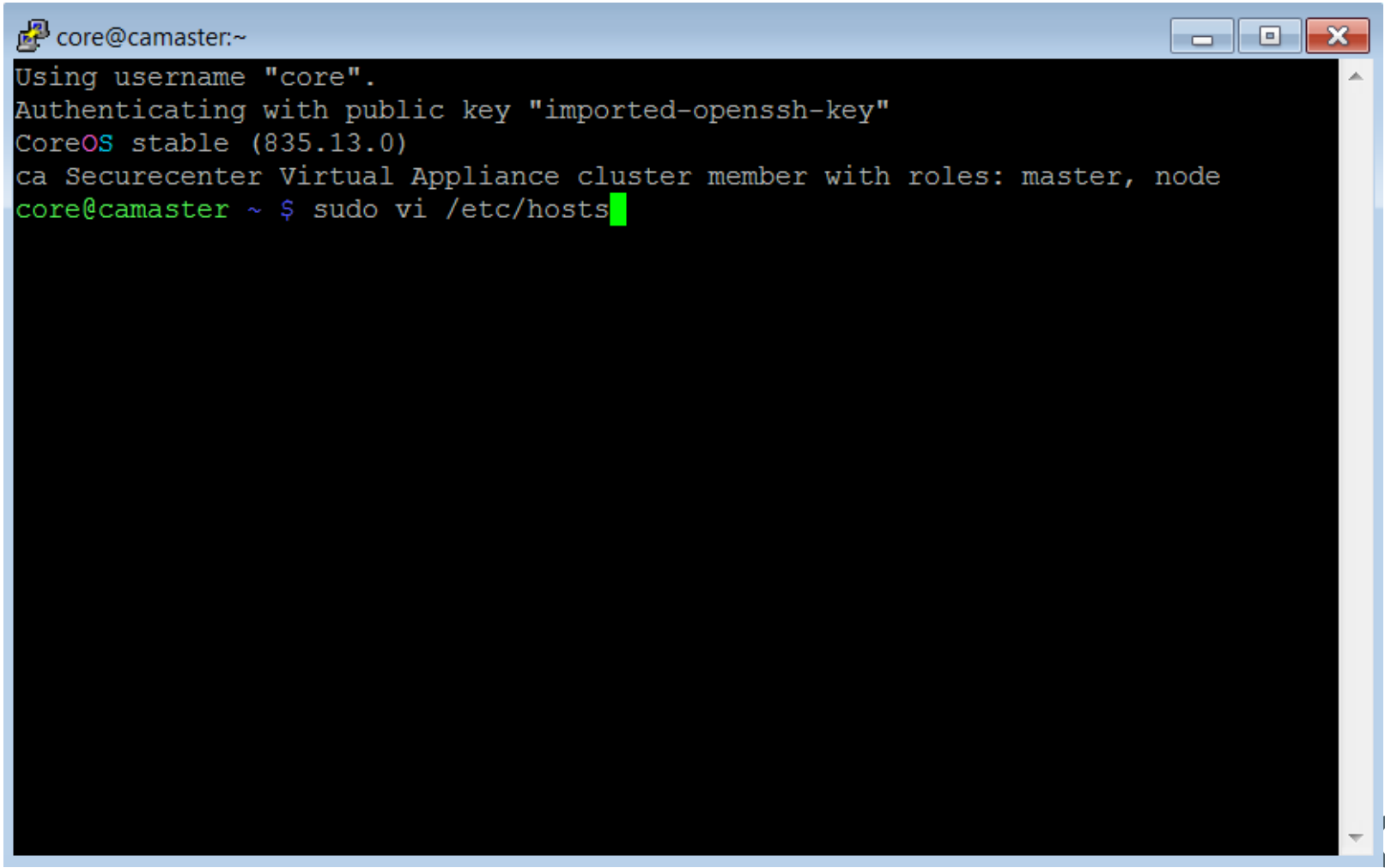

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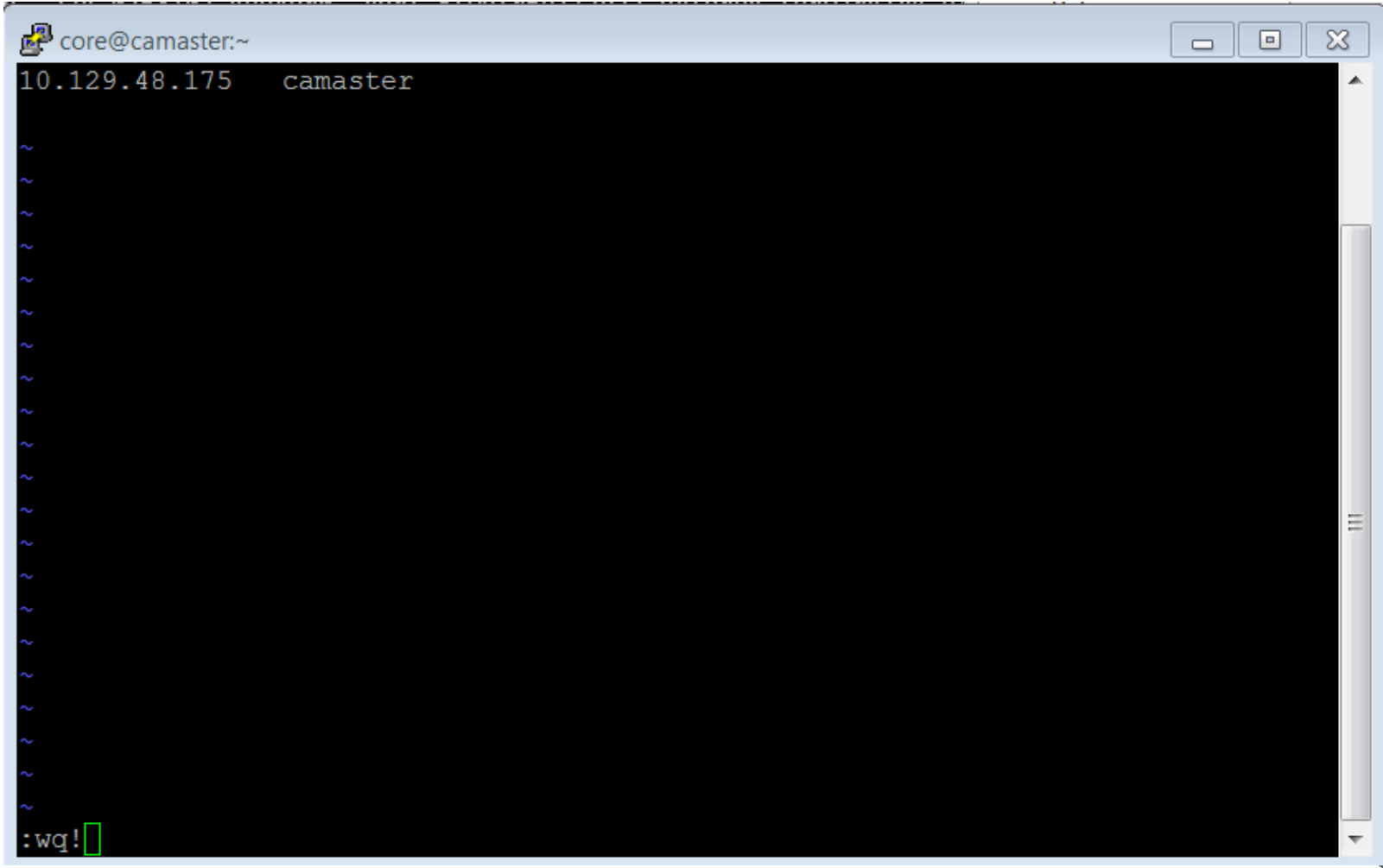

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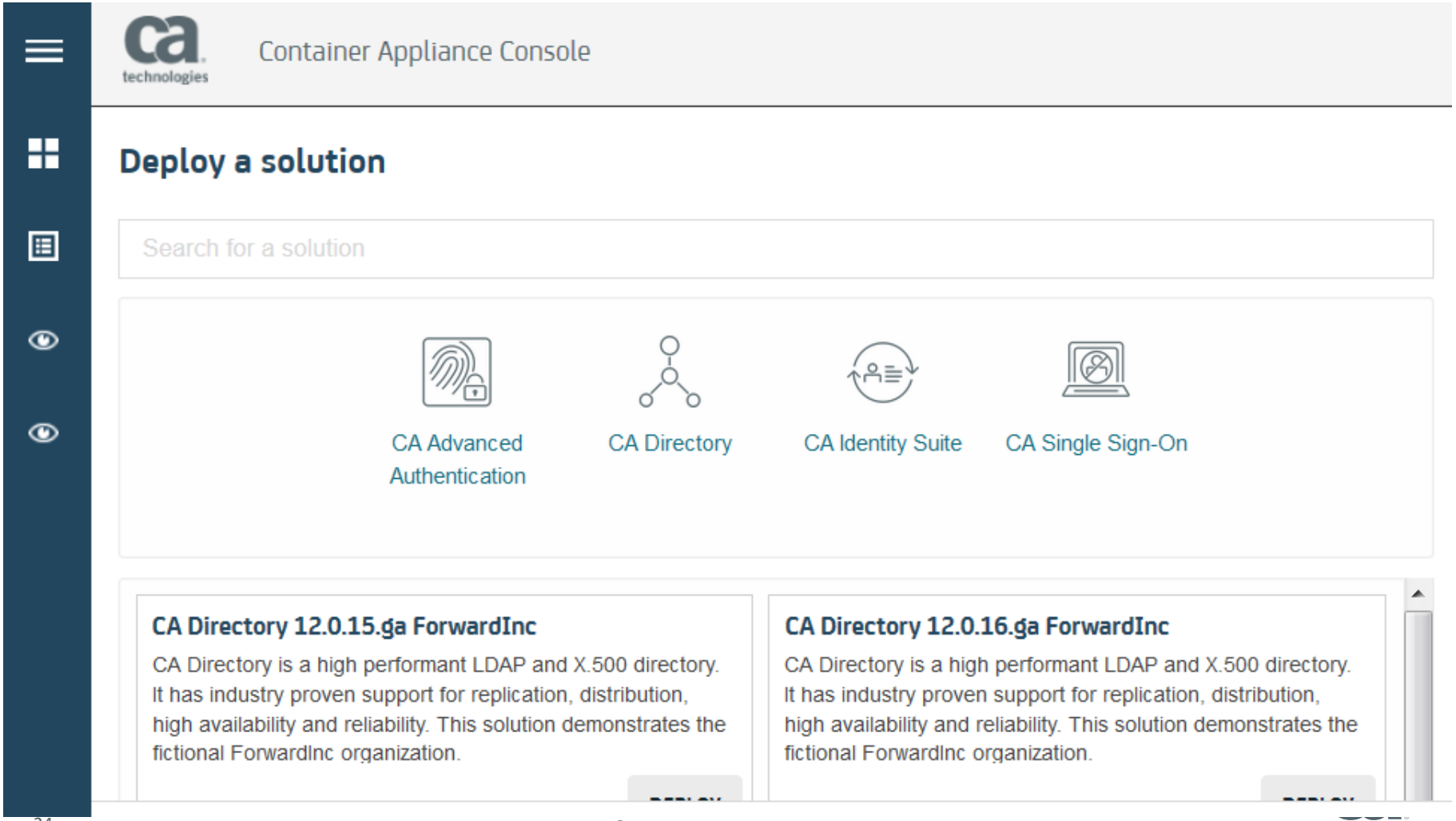

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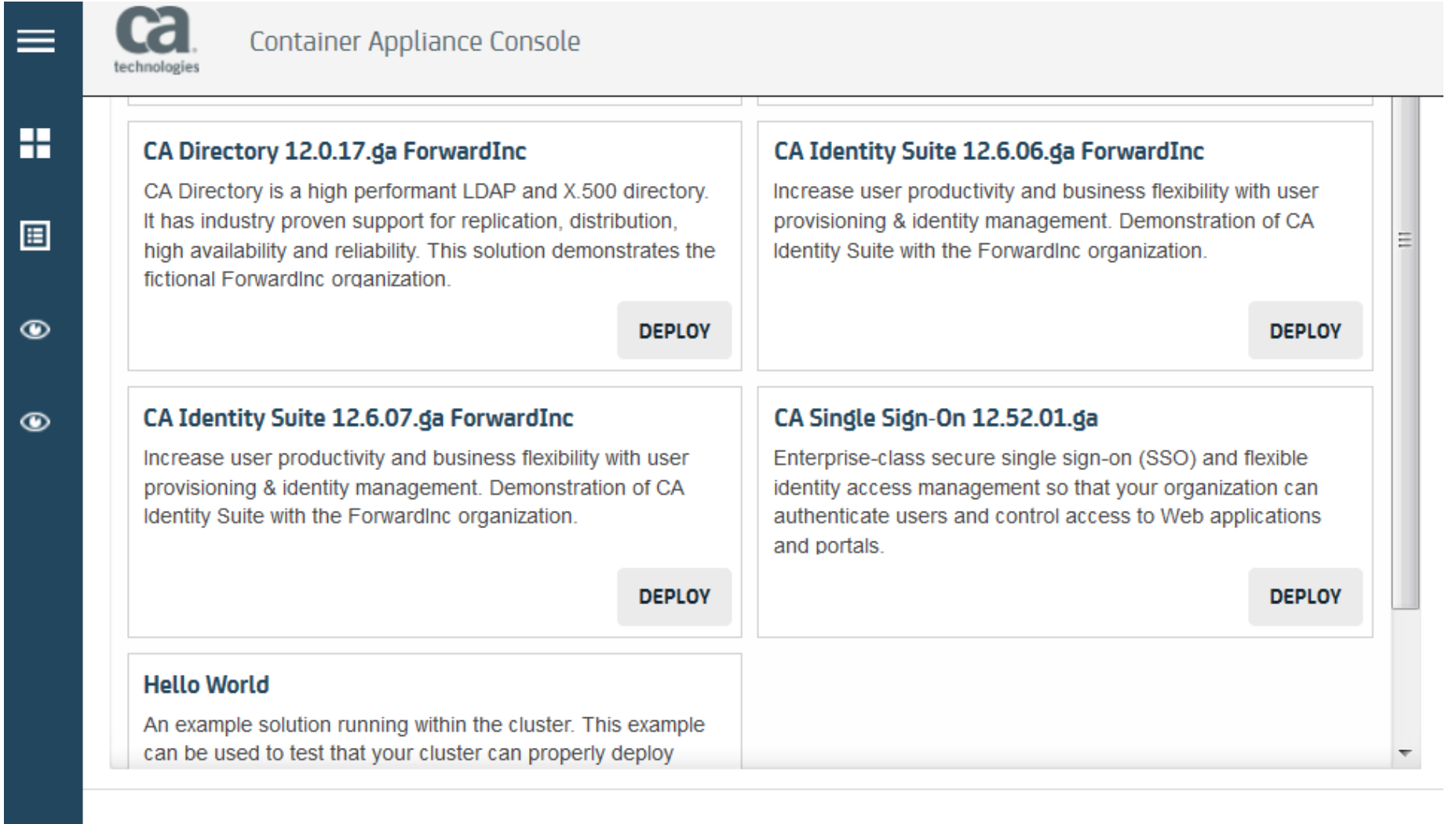
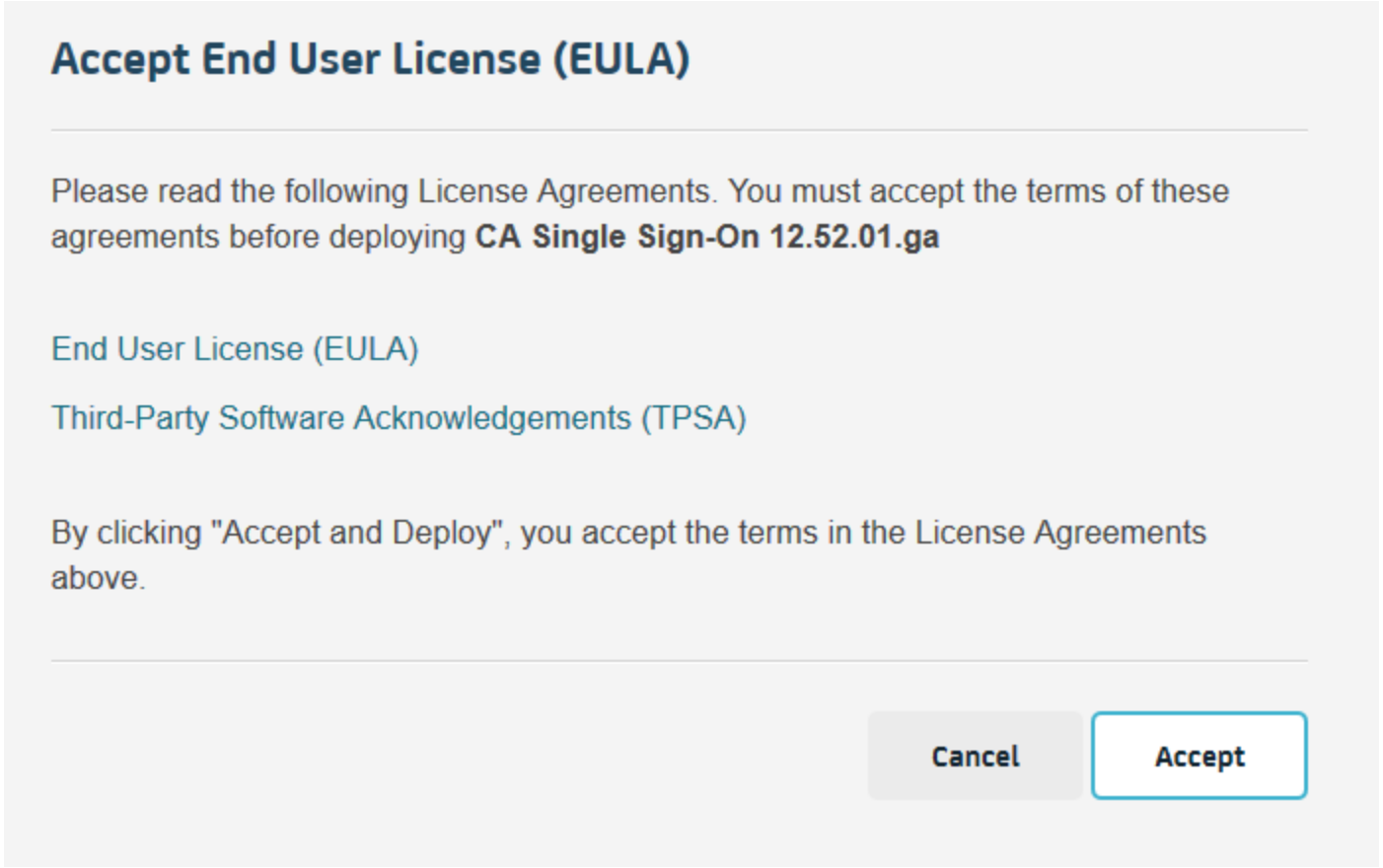

Container Appliance Console
CA Directory 12.0.17.ga ForwardInc
CA Directory is a high performant LDAP and X.500 directory. It has industry proven support for replication, distribution, high availability and reliability. This solution demonstrates the fictional ForwardInc organization.
DEPLOY
CA Identity Suite 12.6.06.ga ForwardInc
Increase user productivity and business flexibility with user provisioning & identity management. Demonstration of CA Identity Suite with the ForwardInc organization.
DEPLOY
CA Identity Suite 12.6.07.ga ForwardInc
Increase user productivity and business flexibility with user provisioning & identity management. Demonstration of CA Identity Suite with the ForwardInc organization.
DEPLOY
CA Single Sign-On 12.52.01.ga
Enterprise-class secure single sign-on (SSO) and flexible identity access management so that your organization can authenticate users and control access to Web applications and portals.
DEPLOY
Hello World
An example solution running within the cluster. This example can be used to test that your cluster can properly deploy



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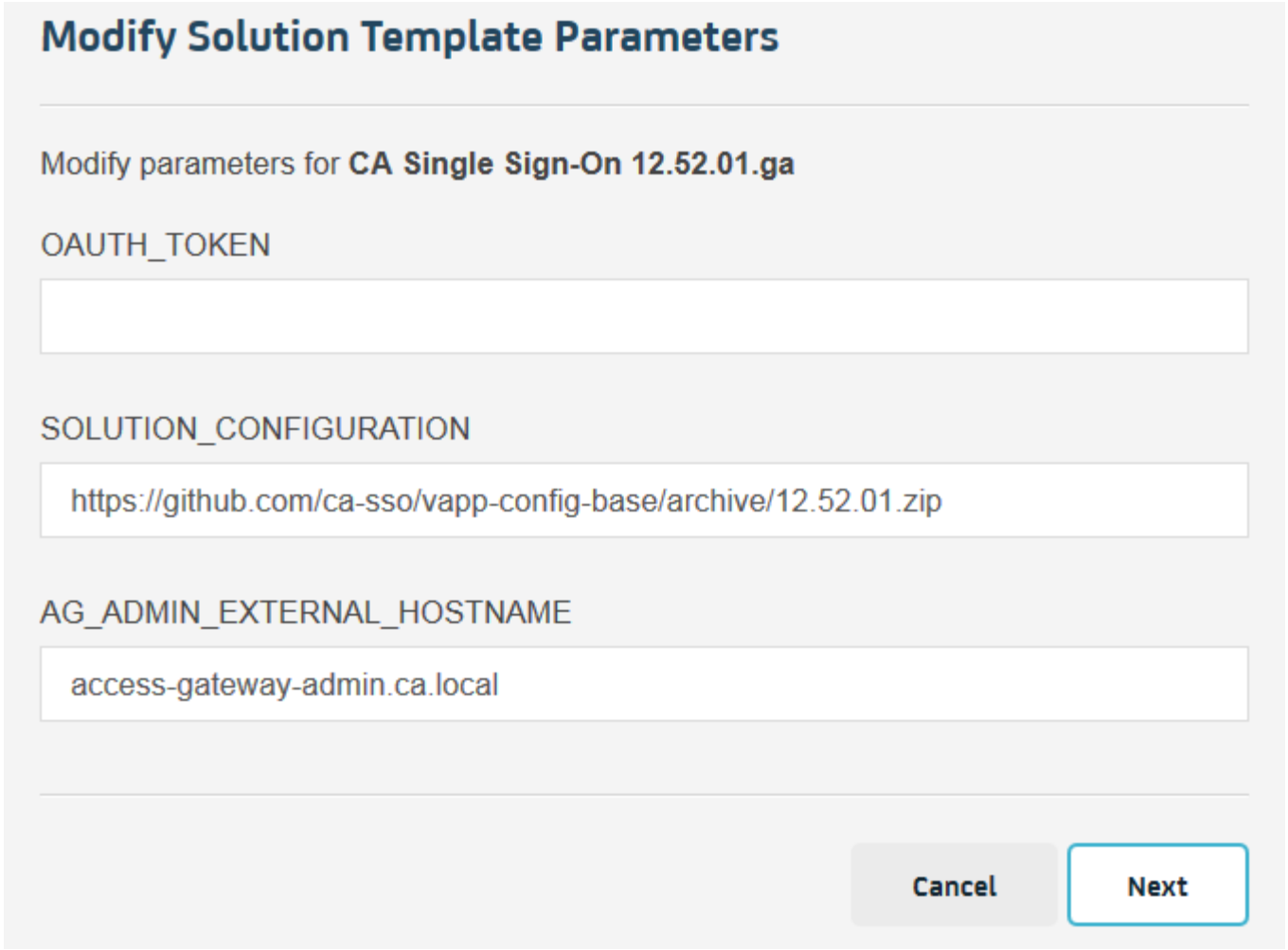

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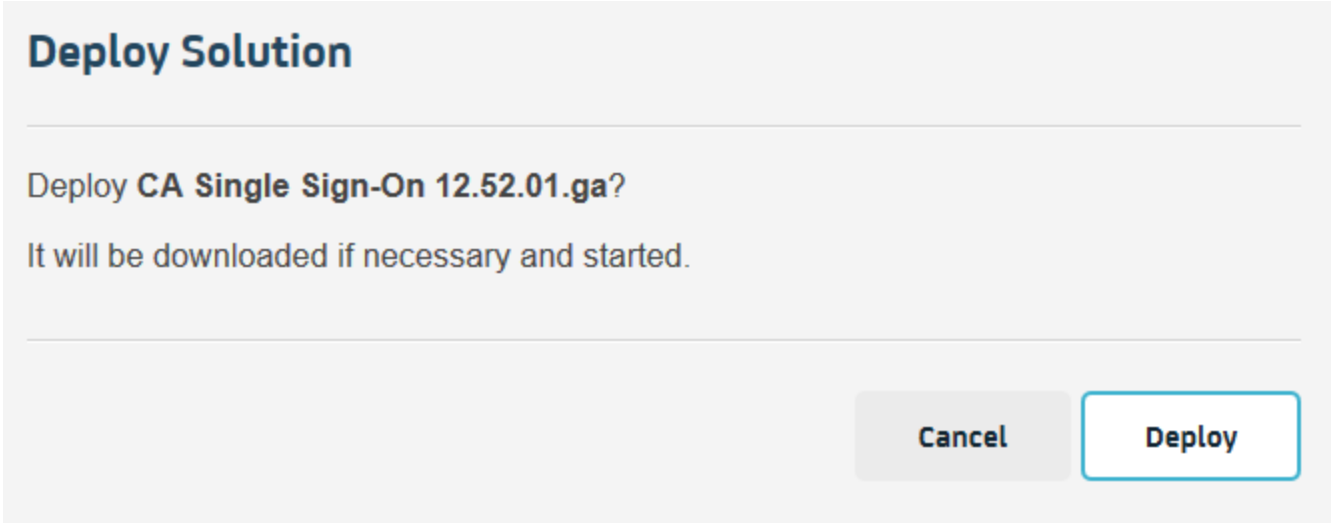

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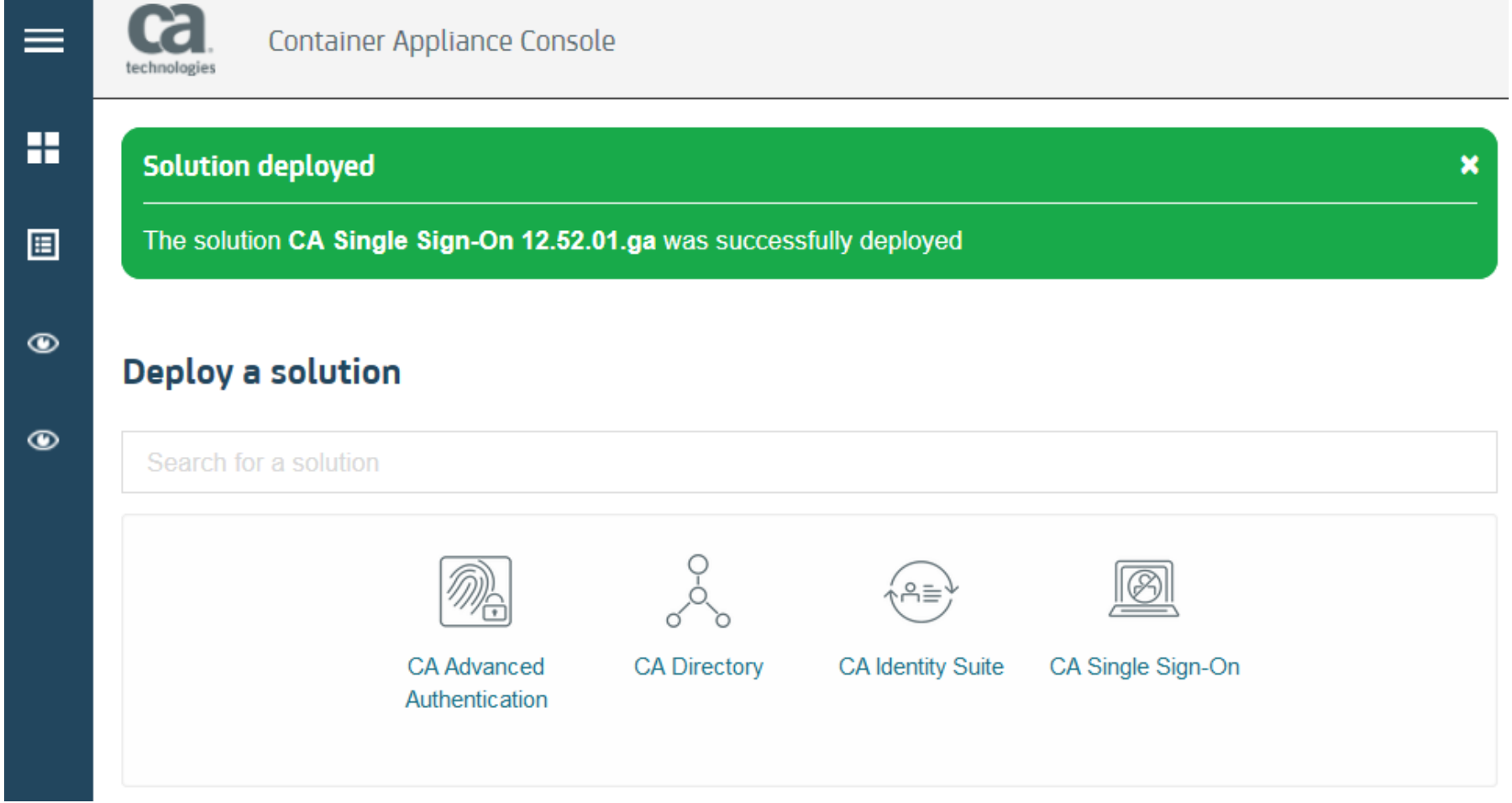

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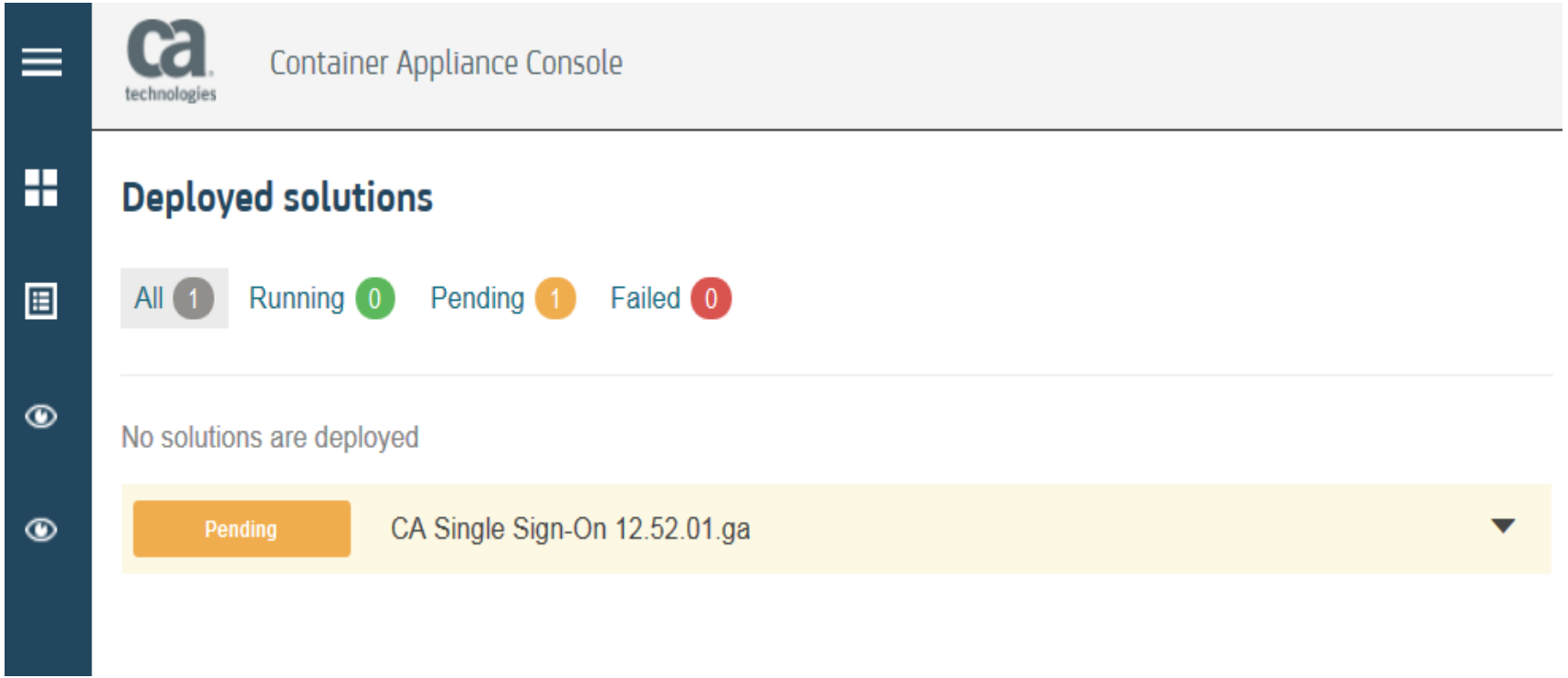

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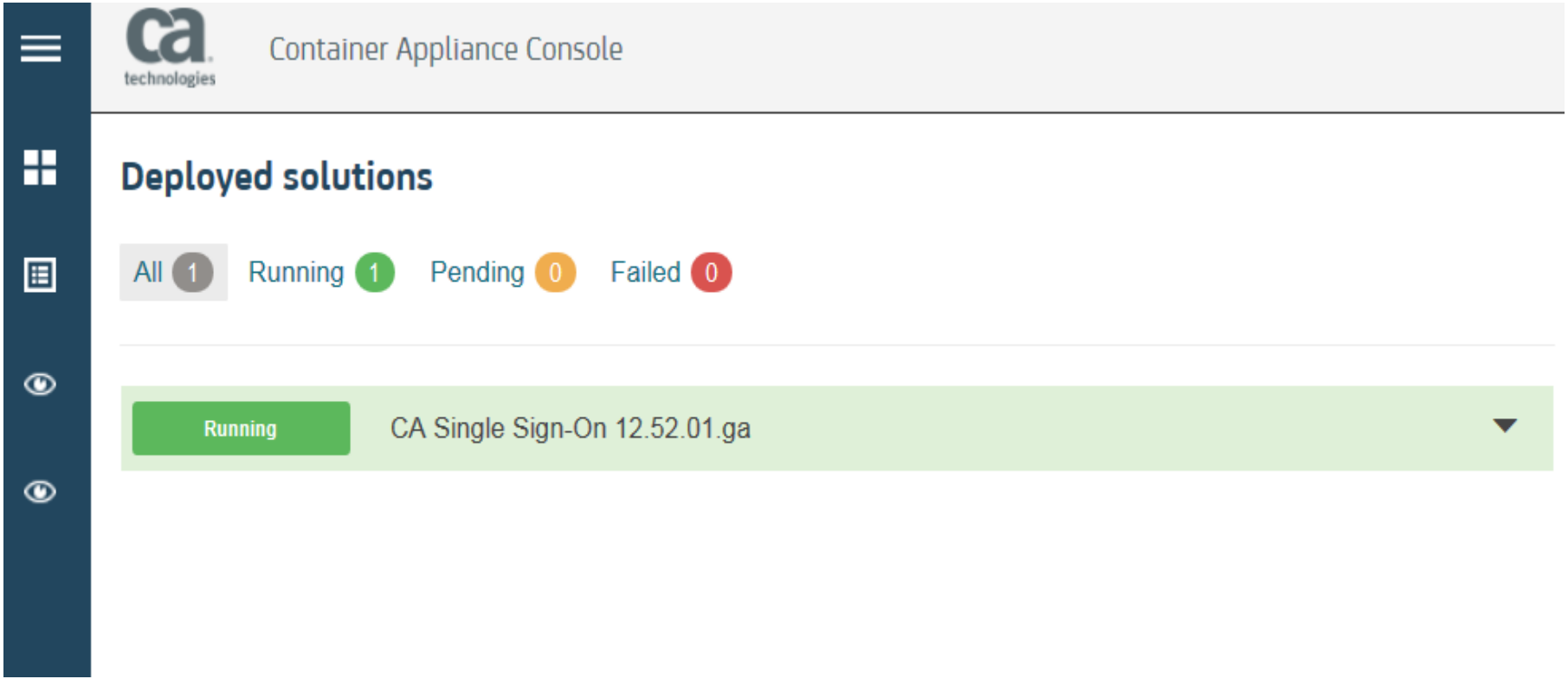

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Running CA Single Sign-On 12.52.01.ga

Access Gateway / http://access-gateway-admin.ca.local/proxyui

Service access-ga http: 30080 https: 30443

Service policy-ser accnt: 4445 authn: 20823 az: 32586

Single Sign-On A(/iam/siteminder/adminui

✔ access-gateway-ex3tr

✔ admin-ui-adncn

✔ policy-server-9v8iy

✔ policy-server-master-9fwks

✔ policy-store-bhgzl

✖ Remove this solution

Welcome to CA SiteMinder Administrative UI

Sign in

Username

Password

Server:

policy-server-master

SIGN IN

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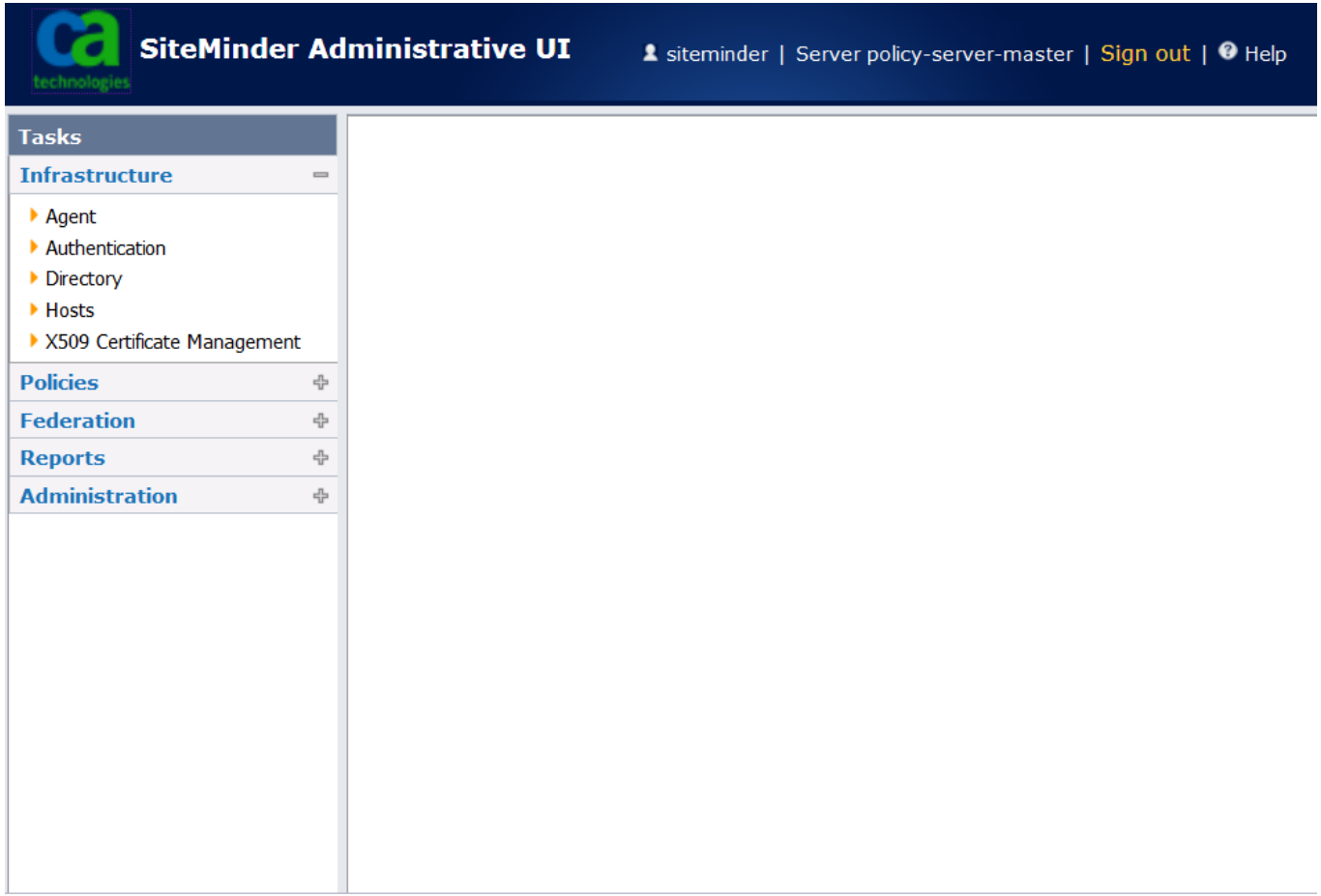

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Summary

- Containers are the future for software deployment
- Less installation time and configuration
- Standardized deployments

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Questions?

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