

PUPPET CLASSES

What are puppet classes?

- “Puppet is a tool for applying and managing system configurations. Puppet collects system information, or facts, and uses this information to create a customized system configuration using a set of modules. These modules contain parameters, conditional arguments, actions, and templates. Puppet is used as either a local system command line tool or in a client-server relationship where the server acts as the Puppet master and applies configuration to multiple client systems using a Puppet agent. This provides a way to automatically configure newly provisioned systems, either individually or simultaneously to create a specific infrastructure.”
 - https://access.redhat.com/documentation/en-us/red_hat_satellite/6.2/html-single/puppet_guide/

What are puppet classes?

- “Puppet uses the following workflow to apply configuration to a system.
 - Collect facts about each system. These facts can include hardware, operating systems, package versions, and other information. The Puppet agent on each system collects this information and sends it to the Puppet master.
 - The Puppet master generates a custom configuration for each system and sends it to the Puppet agent. This custom configuration is called a catalog.
 - The Puppet agent applies the configuration to the system.
 - The Puppet agent sends a report back to the Puppet master that indicates the changes applied and if any changes were unsuccessful.
 - Third-party applications can collect these reports using Puppet's API. ”
- https://access.redhat.com/documentation/en-us/red_hat_satellite/6.2/html-single/puppet_guide/

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Content Views

Content Views

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Content Views

Filter...SearchShowing 3 of 3 (3 Total)

Name	Composite View?	Last Published	Environments	Repositories
drupal7 server CCV	Yes	2017-04-11 15:00	Library, Development, Quality Assurance, Production	20
RHEL 7 Server Base	No	2017-04-11 15:00	Library, Development, Quality Assurance, Production	2
Web Server	No	2017-04-11 15:00	Library, Development, Quality Assurance, Production	2

Host groups

Discovery rules

Global parameters

PUPPET

Environments

Classes

Config groups

Smart variables

Smart class parameters

Create New View

https://satellite.tc.redhat.com/puppetclasses

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Puppet classes

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Puppet classes

Filter ...

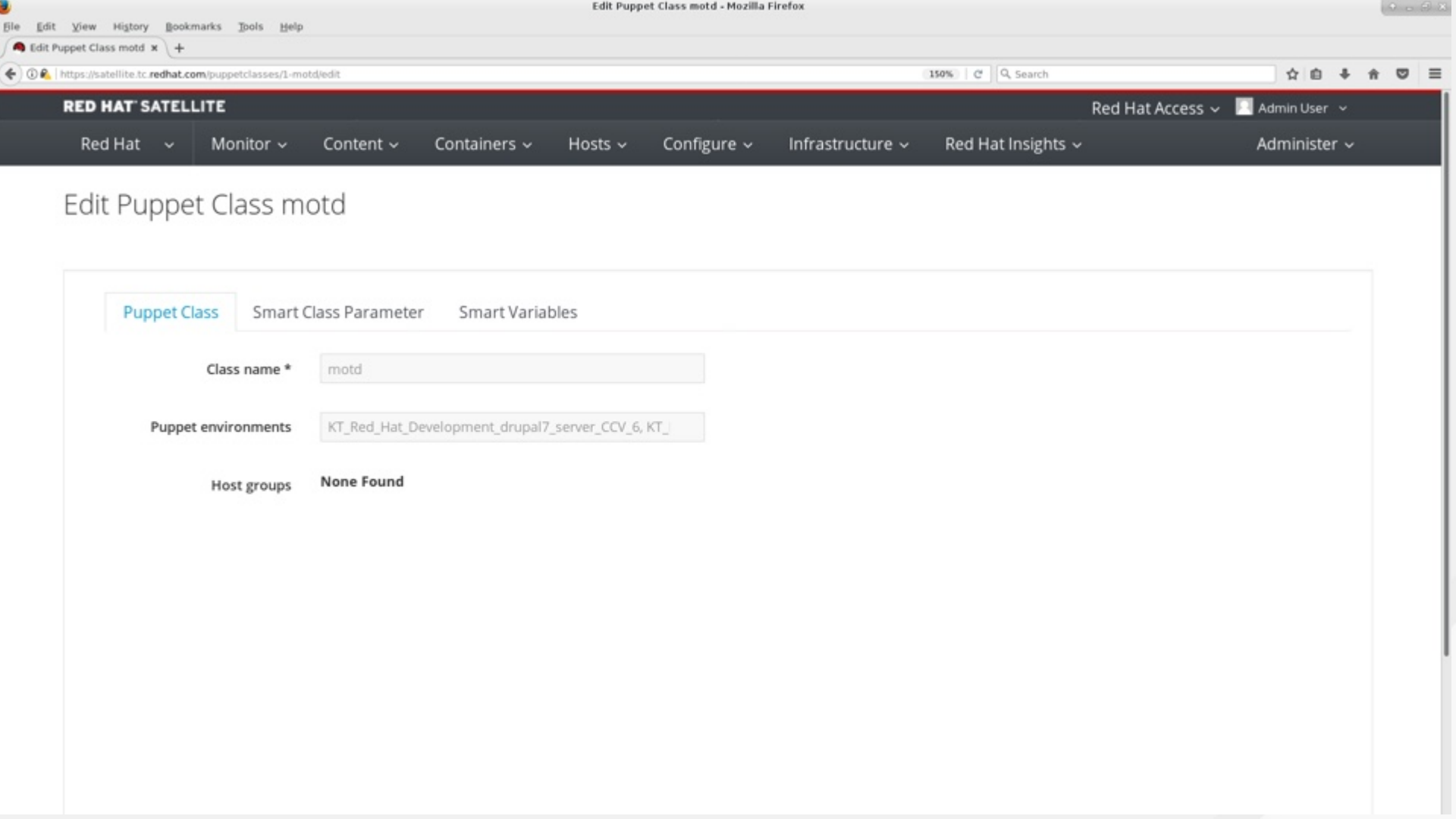
Search

Import from satellite.tc.redhat.com

Documentation

Class name	Environments	Host groups	Hosts	Parameters	Variables	Actions
access_insights_client	KT_Red_Hat_Development_drupal7_server_CC...		0	13	0	Delete
motd	KT_Red_Hat_Development_drupal7_server_CC...		0	3	0	Delete
stdlib	KT_Red_Hat_Development_drupal7_server_CC...		0	0	0	Delete
stdlib::stages	KT_Red_Hat_Development_drupal7_server_CC...		0	0	0	Delete

Displaying all 4 entries



Edit Puppet Class motd

Puppet Class

Smart Class Parameter

Smart Variables

Class name *

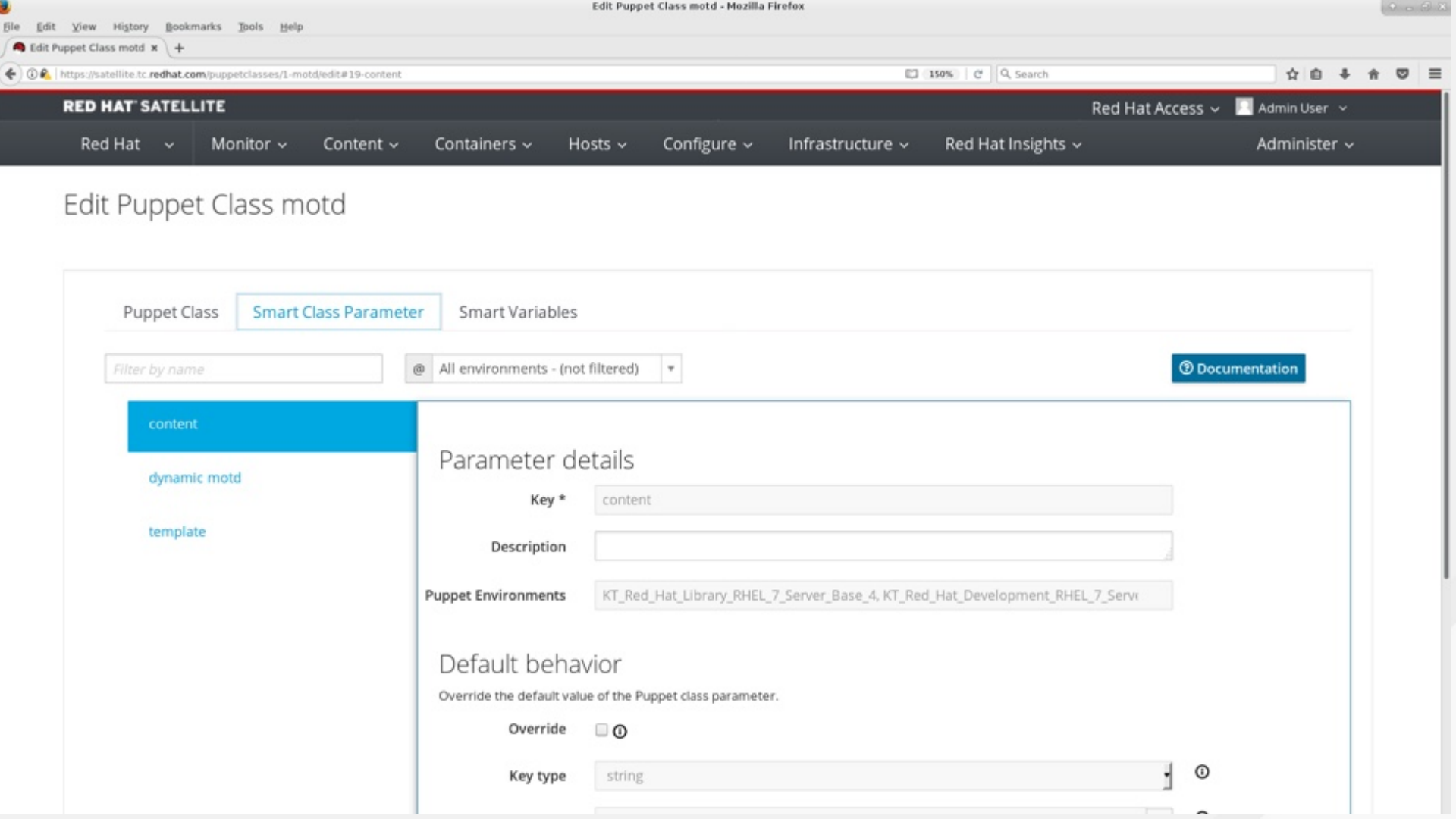
motd

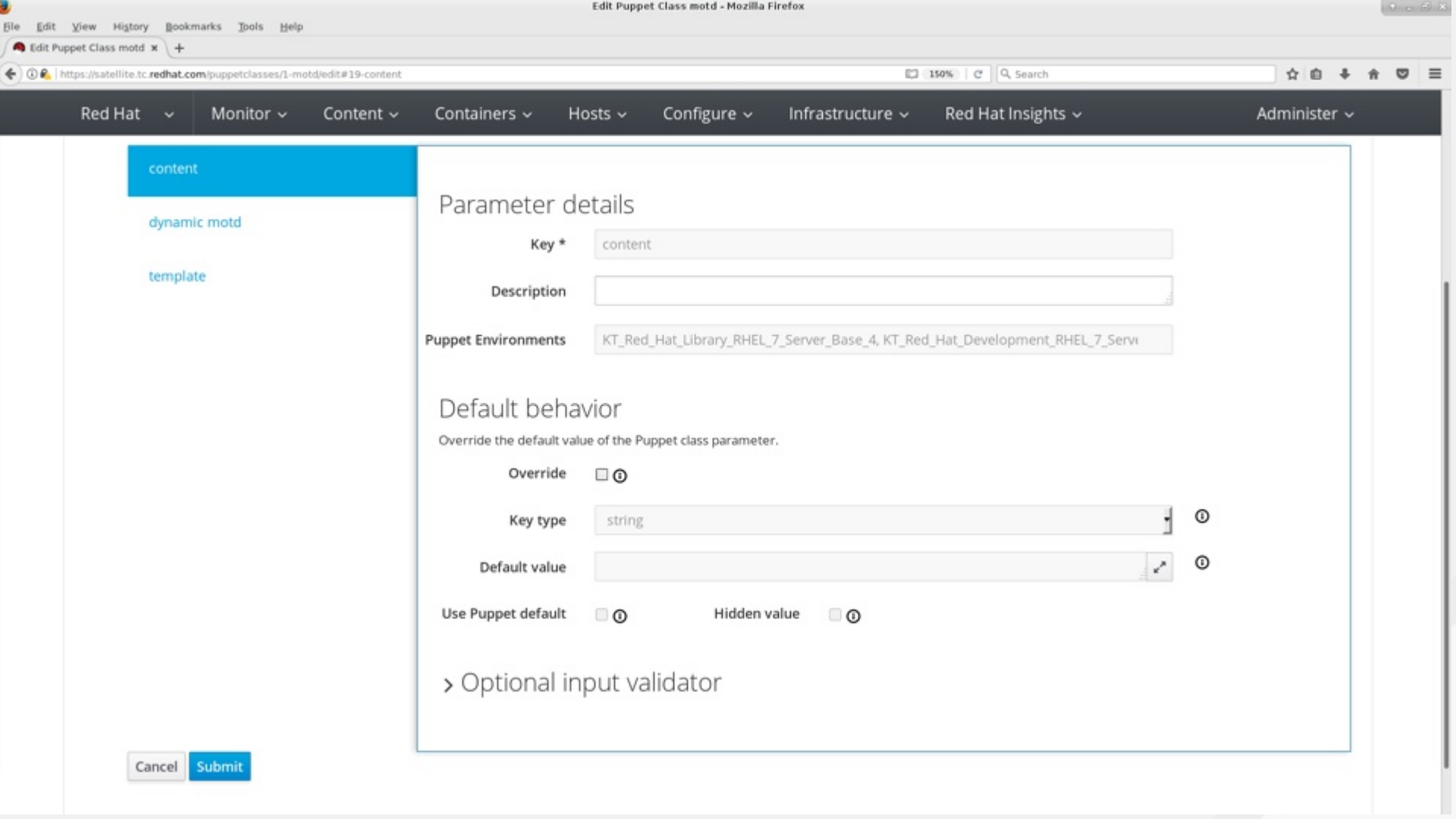
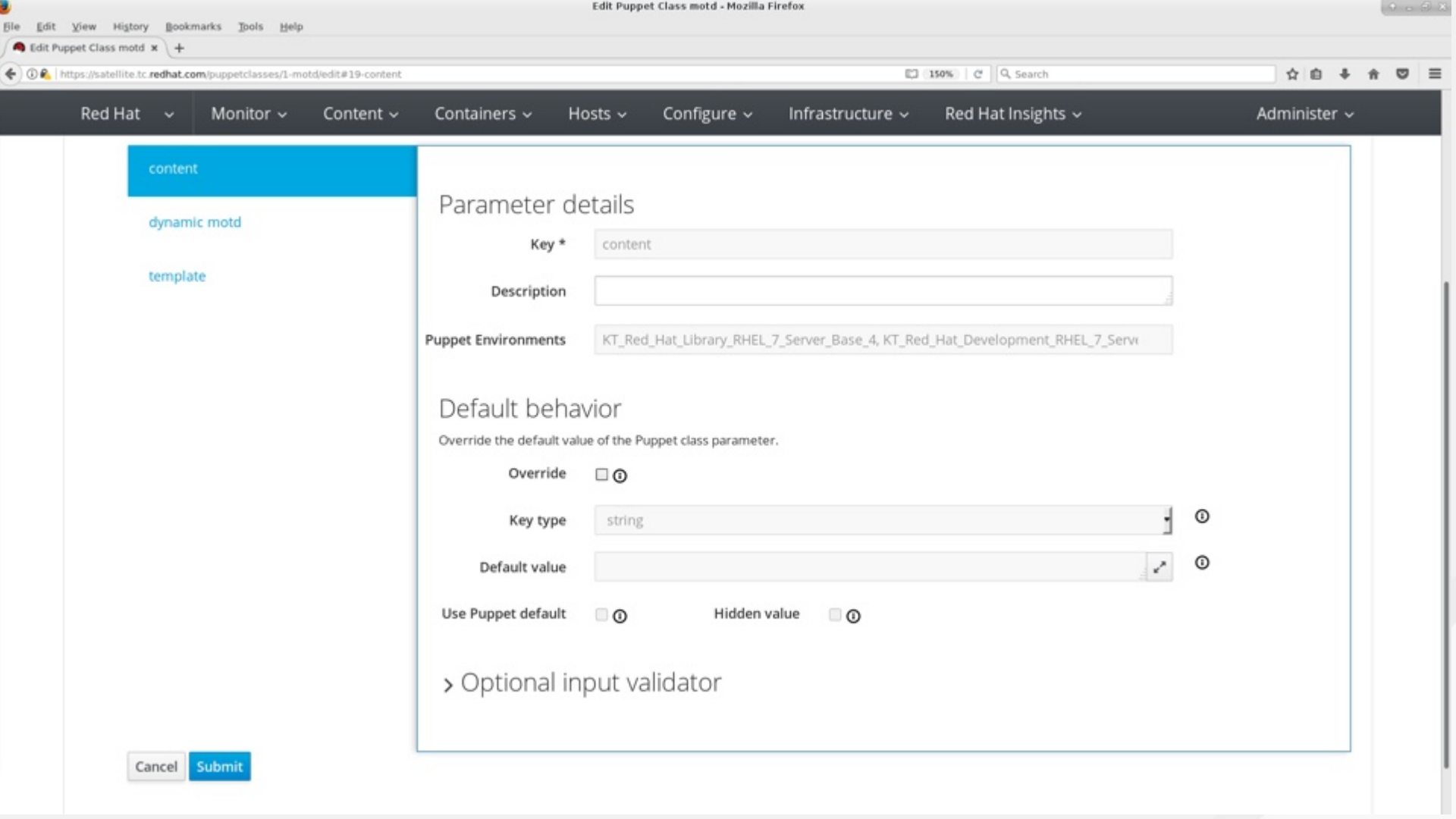
Puppet environments

KT_Red_Hat_Development_drupal7_server_CCV_6, KT_

Host groups

None Found





Edit Puppet Class motd - Mozilla Firefox

Edit Puppet Class motd x +

https://satellite.tc.redhat.com/puppetclasses/1-motd/edit#19-content

150% Search

Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administrator

content

dynamic motd

template

Parameter details

Key *

content

Description

Puppet Environments

KT_Red_Hat_Library_RHEL_7_Server_Base_4, KT_Red_Hat_Development_RHEL_7_Servi

Default behavior

Override the default value of the Puppet class parameter.

Override

☒ ⓘ

Key type

string ⓘ

Default value

This is a private system. Trespassers will be violated. ⓘ

Use Puppet default

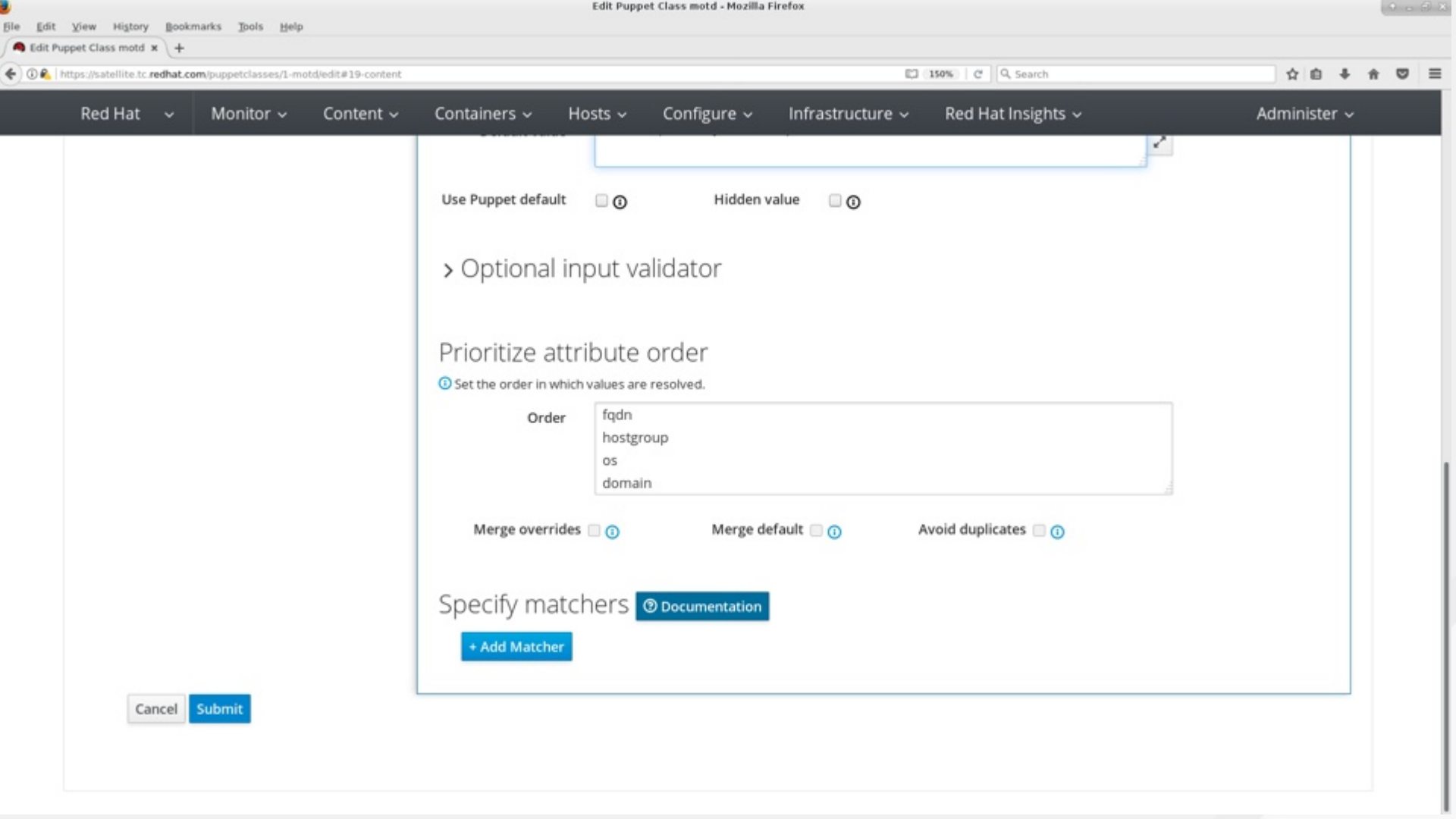
☐ ⓘ

Hidden value

☐ ⓘ

> Optional input validator

Prioritize attribute order



DOMAINS

What are domains?

- The Satellite server as configured in this example manages DNS. You need to define the DNS zones (domains) and configure them so that the Satellite server can dynamically update the zone files.
- DNS domains are not initially associated with any one organization.

File

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Puppet classes

x

+

https://satellite.tc.redhat.com/puppetclasses

150%

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ORGANIZATION

Red HatAny Organization

Manage Organizations

LOCATION

Any Location

Manage Locations

Red Hat

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Import from satellite.tc.redhat.com

Documentation

	Environments	Host groups	Hosts	Parameters	Variables	Actions
	KT_Red_Hat_Development_drupal7_server_CC...		0	13	0	Delete
motd	KT_Red_Hat_Development_drupal7_server_CC...		0	3	0	Delete
stdlib	KT_Red_Hat_Development_drupal7_server_CC...		0	0	0	Delete
stdlib::stages	KT_Red_Hat_Development_drupal7_server_CC...		0	0	0	Delete

Displaying all 4 entries

https://satellite.tc.redhat.com/organizations/clear

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Puppet classes

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https://satellite.tc.redhat.com/puppetclasses

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Puppet classes

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Import from satellite.tc.redhat.comDocumentation

Class name

Environments

Host groups

Parameters

Variables

Actions

access_insights_client

KT_Red_Hat_Development_drupal7_server_CC...

0

13

0

Delete

motd

KT_Red_Hat_Development_drupal7_server_CC...

0

3

0

Delete

stdlib

KT_Red_Hat_Development_drupal7_server_CC...

0

0

0

Delete

stdlib::stages

KT_Red_Hat_Development_drupal7_server_CC...

0

0

0

Delete

Displaying all 4 entries

Capsules

Compute resources

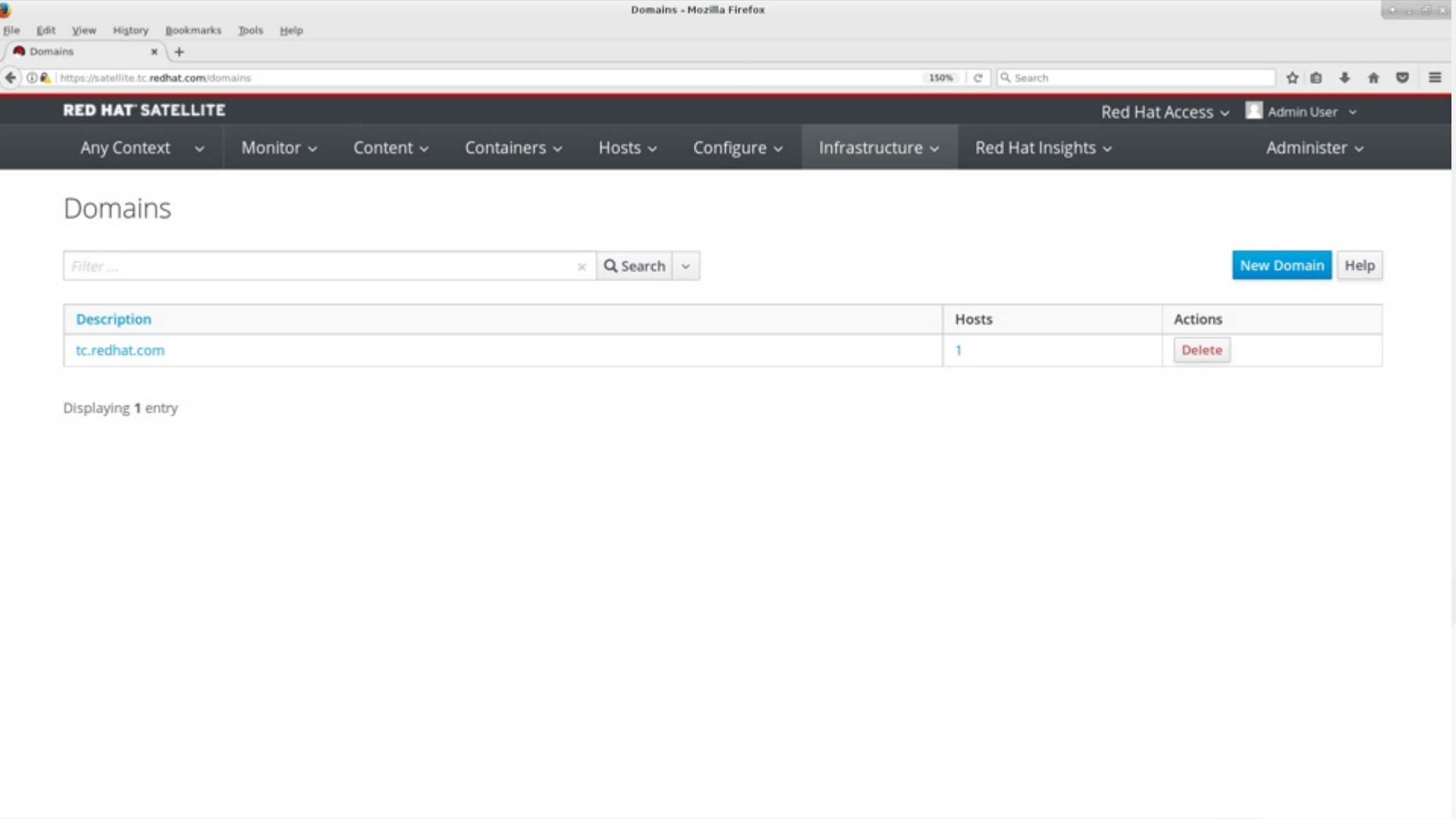
Compute profiles

Subnets

Domains

Realms

https://satellite.tc.redhat.com/domains



Domains

Filter ...

x

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Description

Hosts

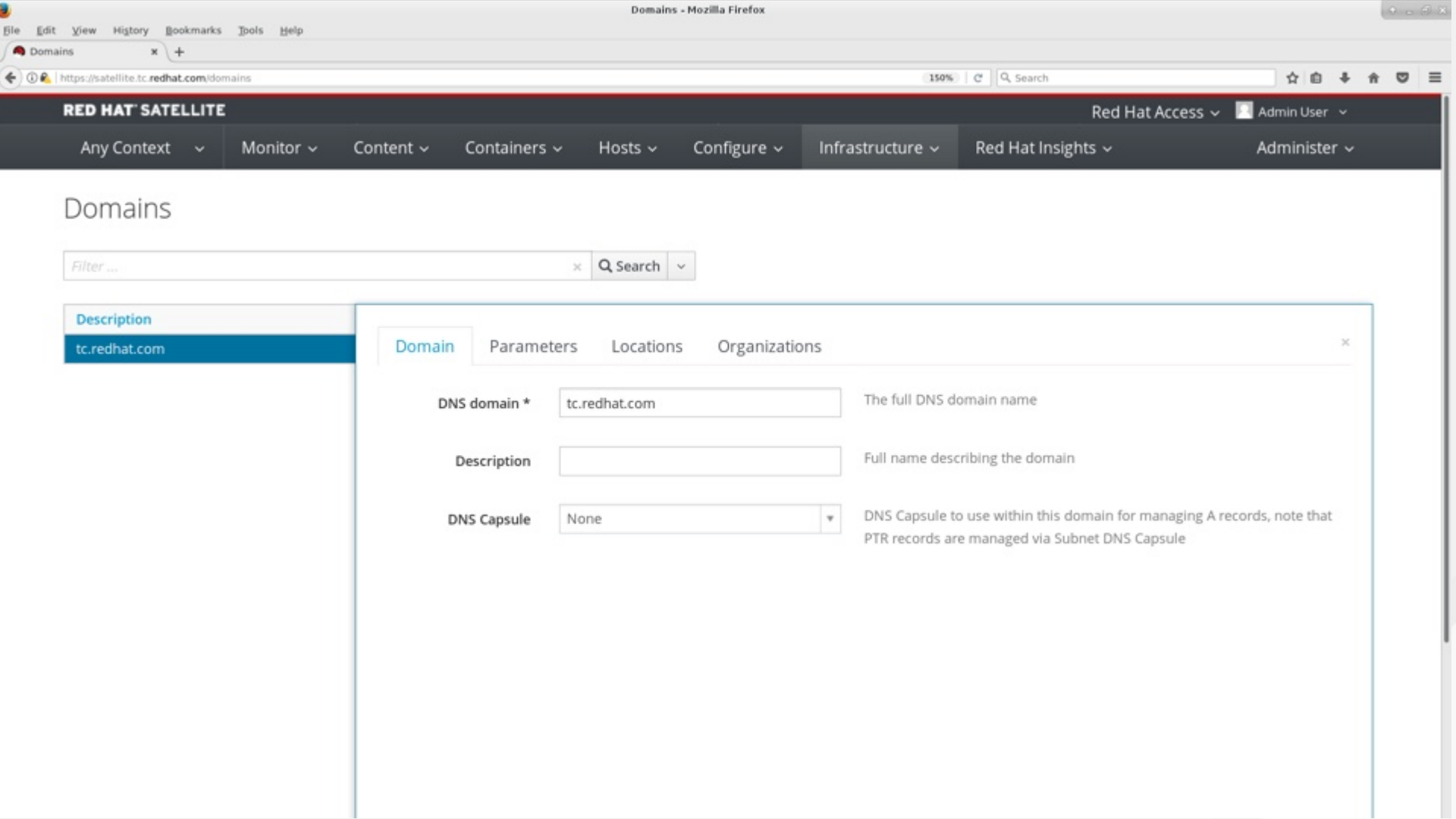
Actions

tc.redhat.com

1

Delete

Displaying 1 entry



Domains

Filter ... x Search

Description

tc.redhat.com

Domain

Parameters

Locations

Organizations x

DNS domain *

tc.redhat.com

The full DNS domain name

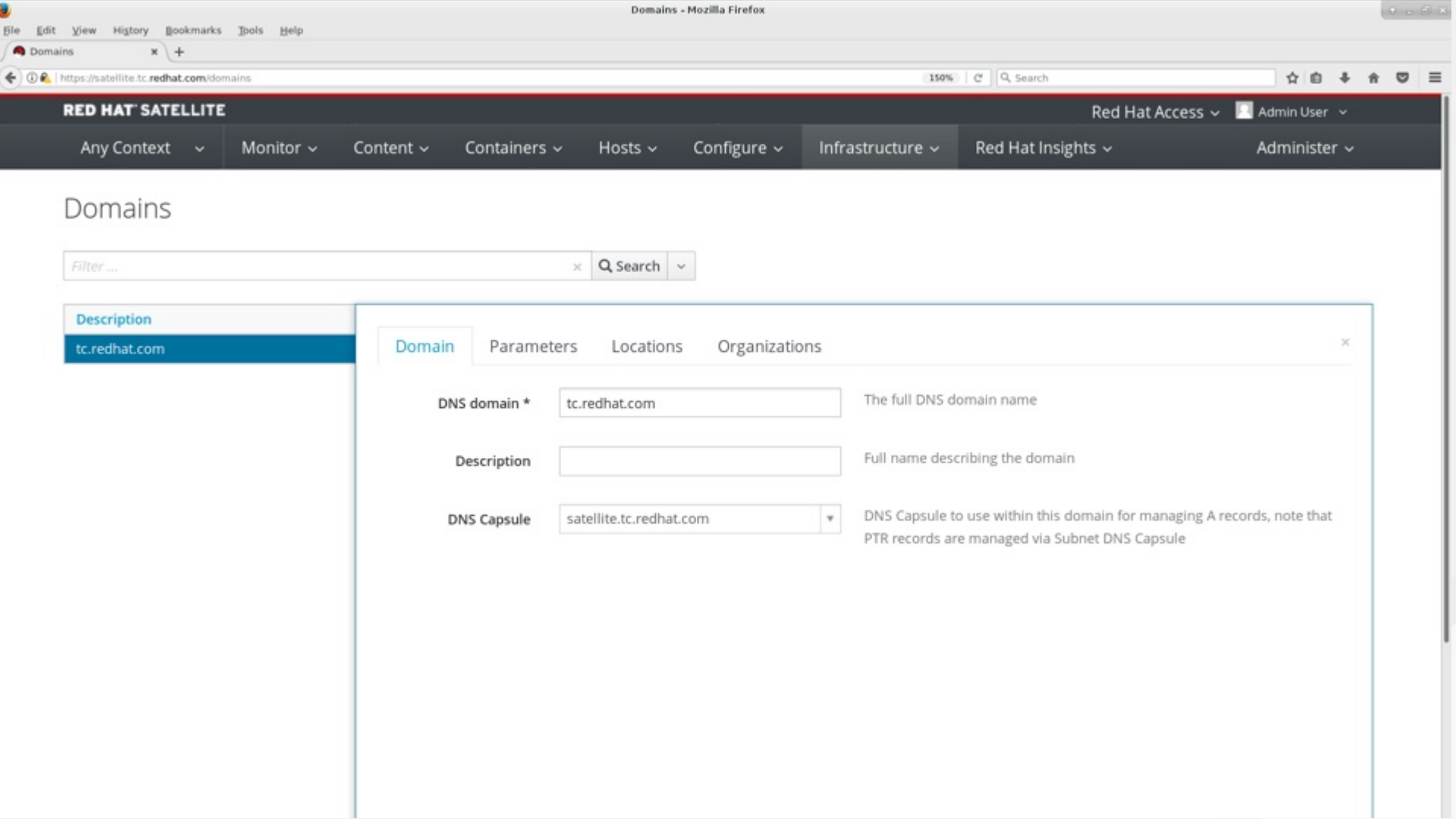
Description

Full name describing the domain

DNS Capsule

None

DNS Capsule to use within this domain for managing A records, note that PTR records are managed via Subnet DNS Capsule



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Domains

Filter ... x Search

Description

tc.redhat.com

Domain

Parameters

Locations

Organizations x

DNS domain *

tc.redhat.com

The full DNS domain name

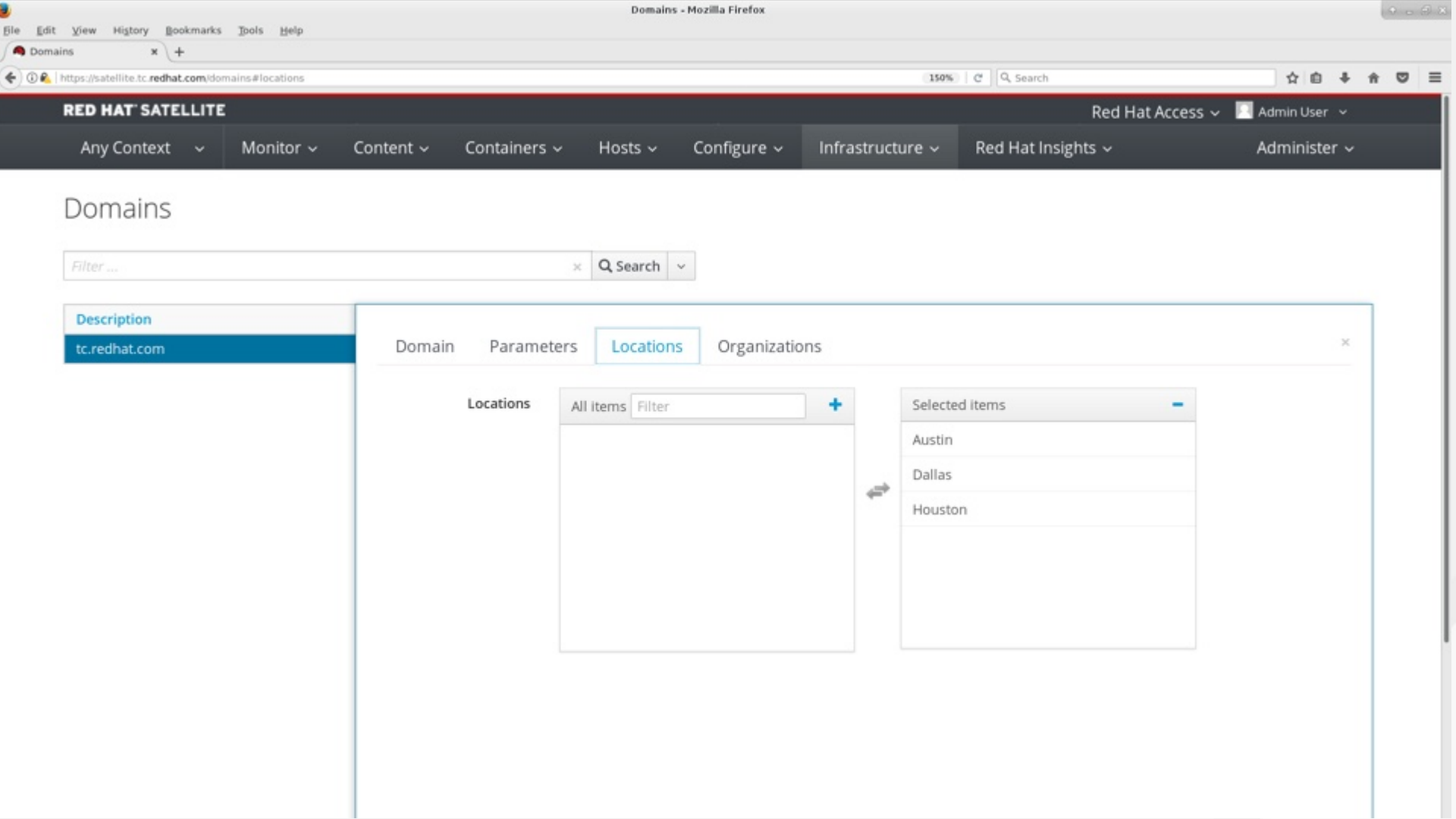
Description

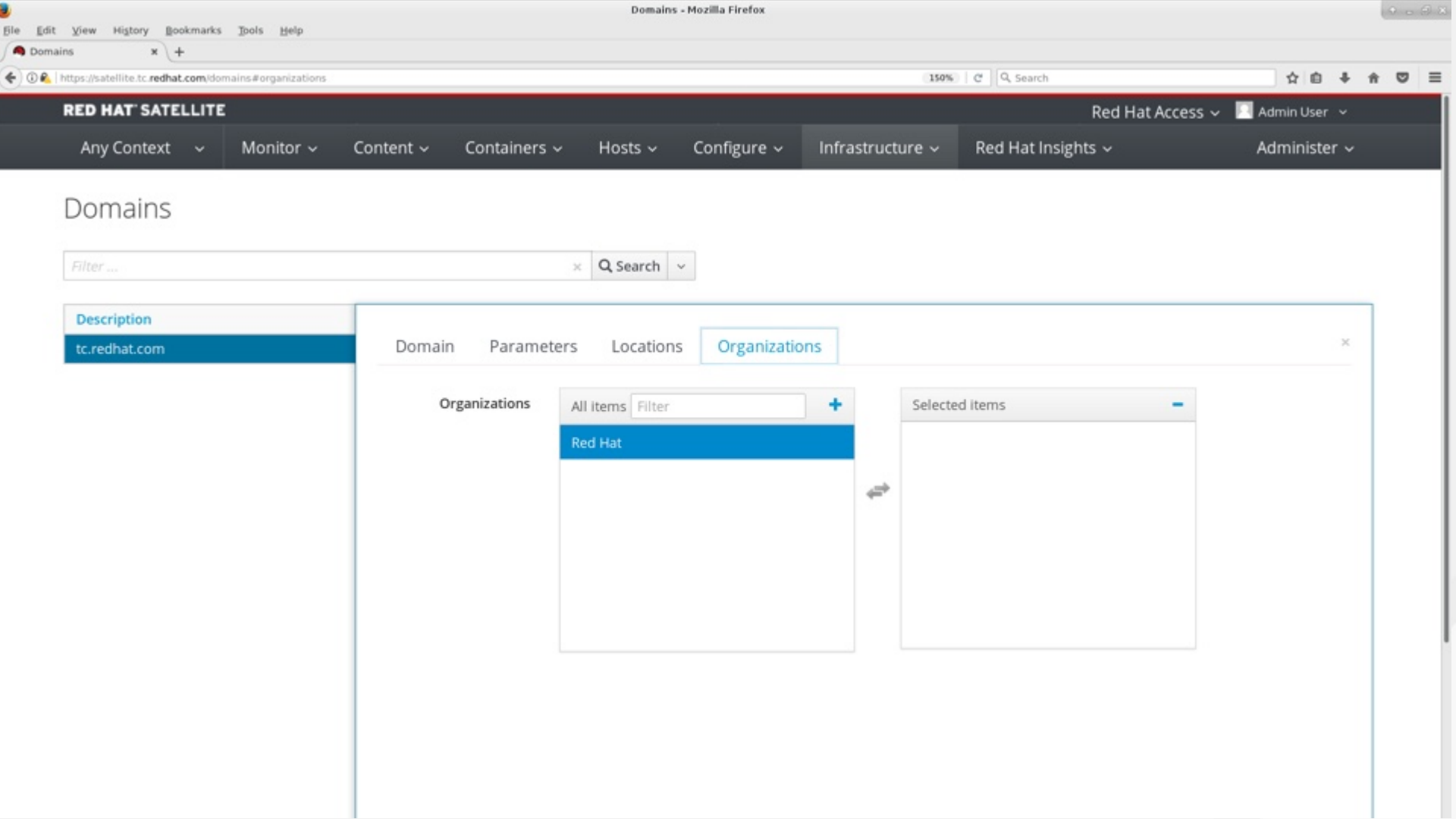
Full name describing the domain

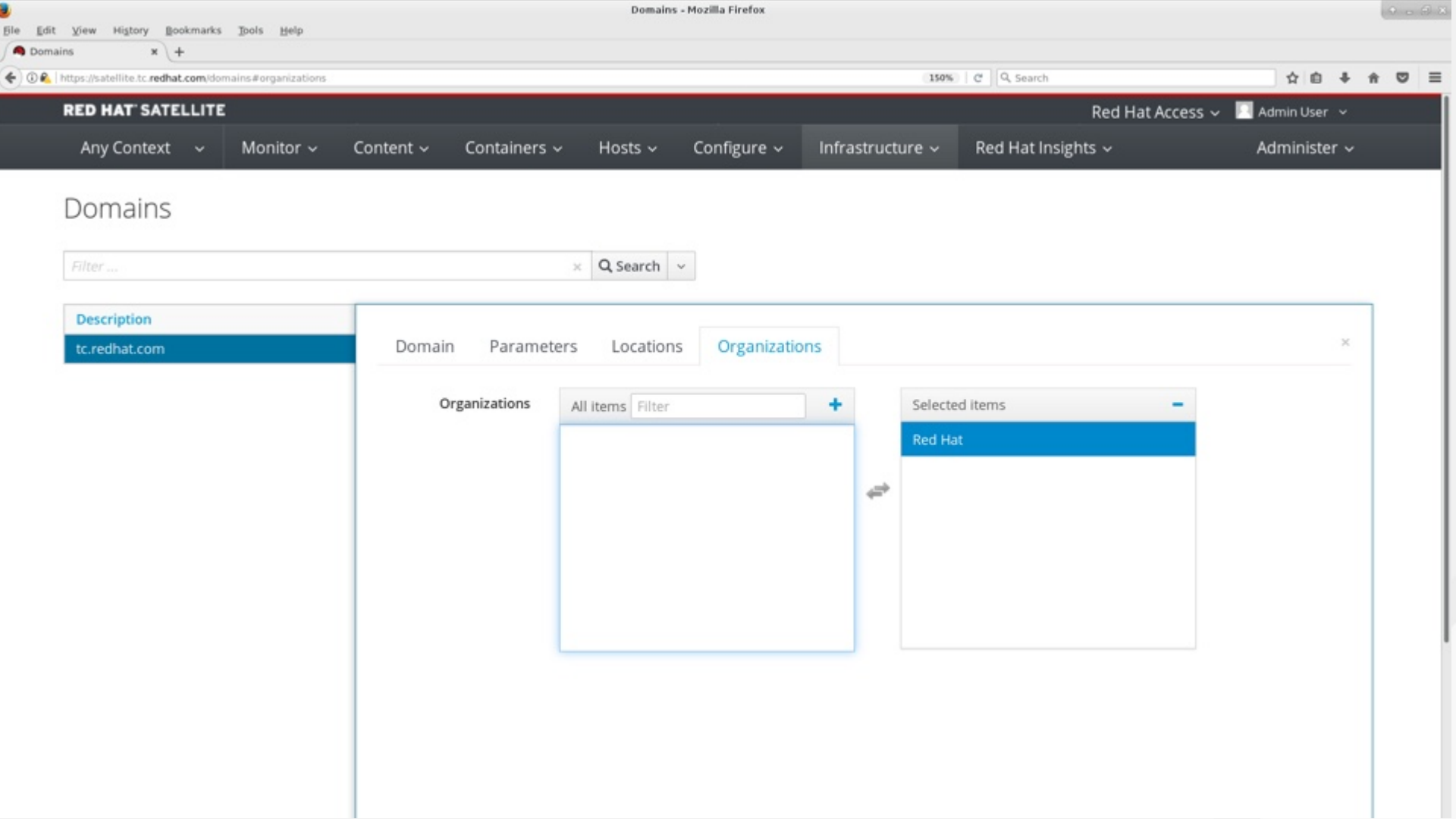
DNS Capsule

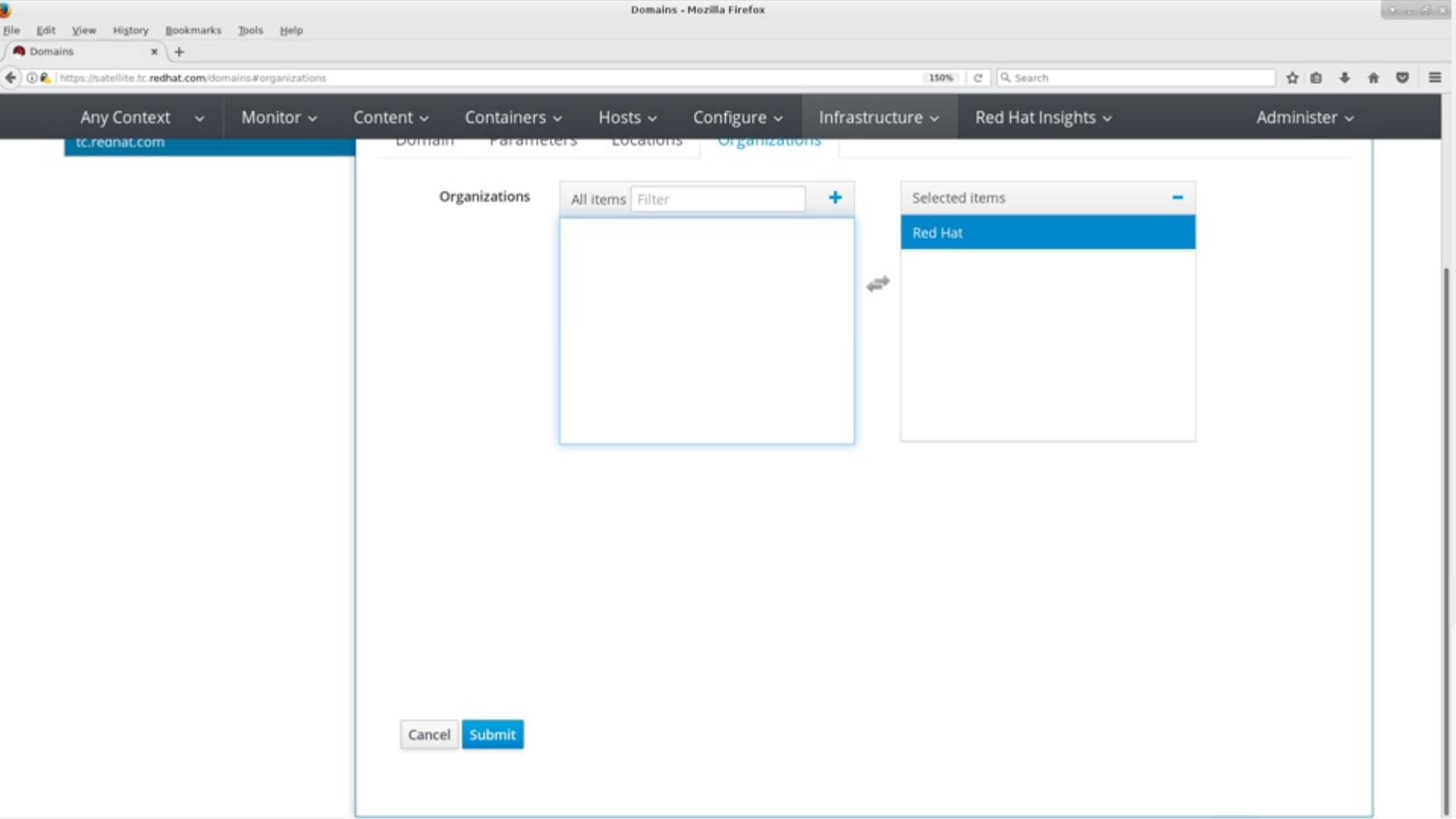
satellite.tc.redhat.com

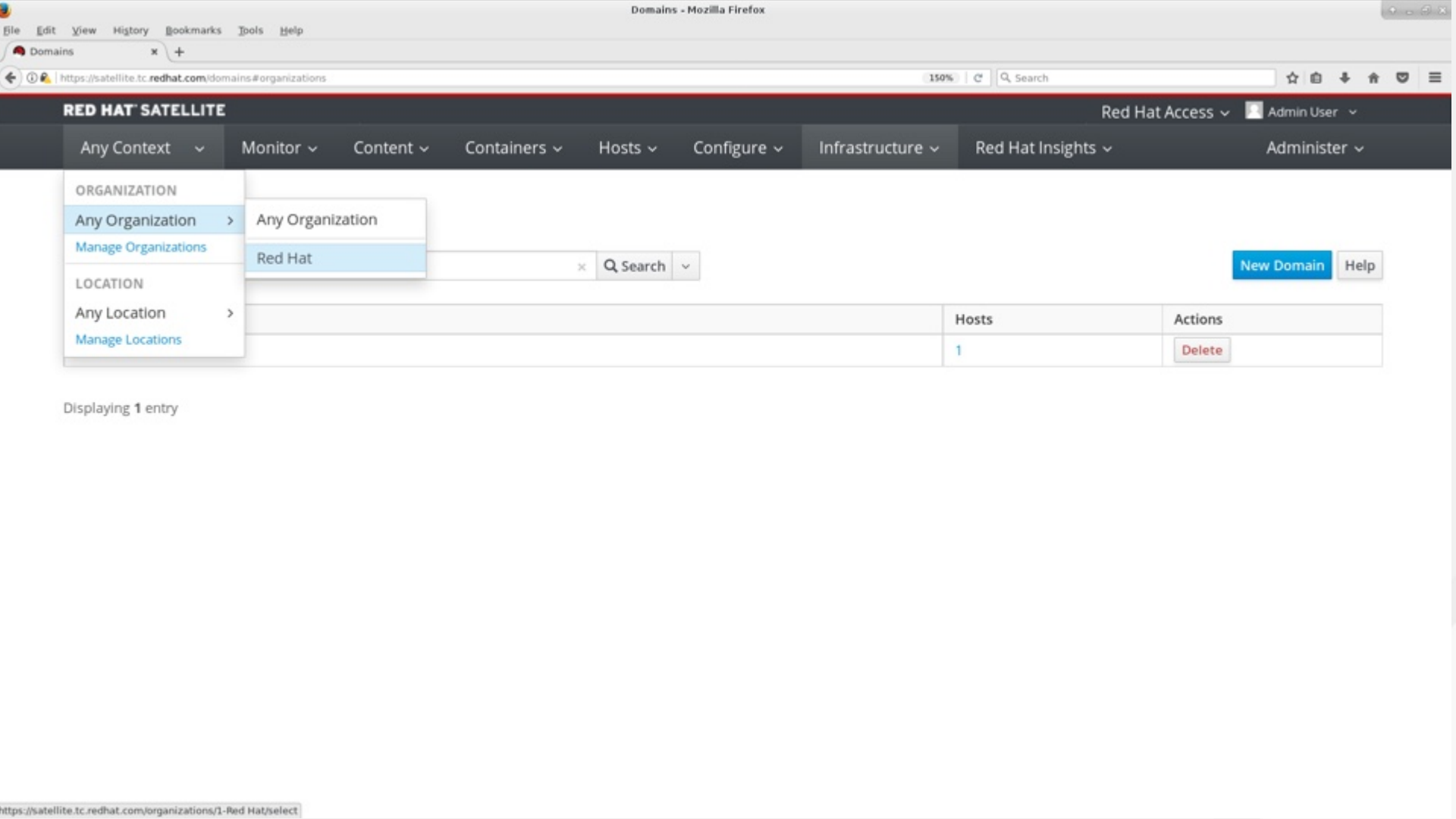
DNS Capsule to use within this domain for managing A records, note that PTR records are managed via Subnet DNS Capsule











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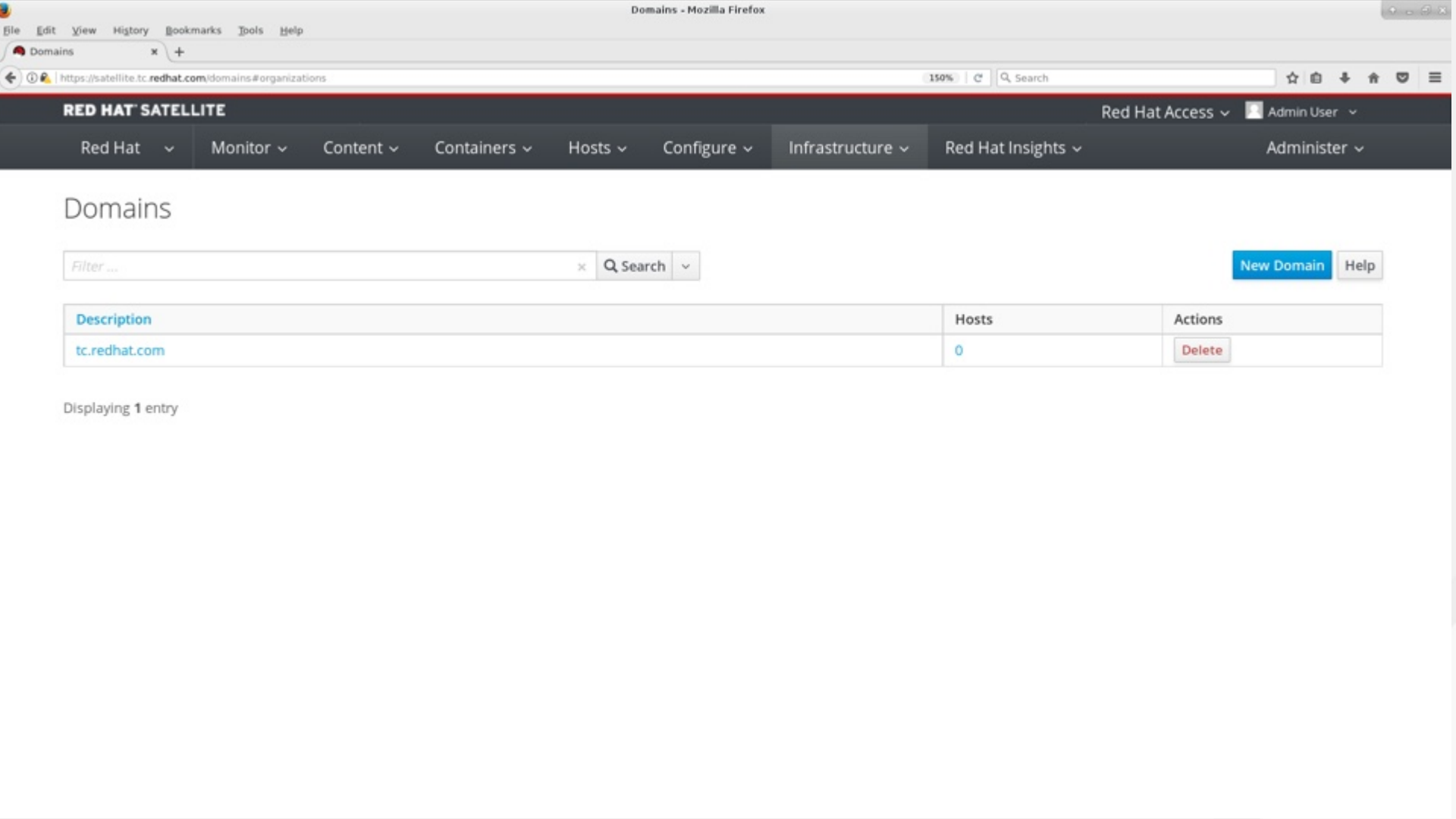
Hosts

Actions

1

Delete

Displaying 1 entry



Domains

Filter ...



Search



New Domain

Help

Description

Hosts

Actions

tc.redhat.com

0

Delete

Displaying 1 entry

SUBNETS

What are subnets?

- The Satellite server is capable of custom, per-subnet configurations for things like kickstarts. In order to customize those configurations, you have to define the subnets.

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Hosts

Actions

0

Delete

Displaying 1 entry

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Subnets

New Subnet

Name	Network address	Domains	VLAN ID	DHCP Capsule	Actions
------	-----------------	---------	---------	--------------	---------

No entries found

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ORGANIZATION

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LOCATION

Any Location

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New Subnet

No entries found

Network address

Domains

VLAN ID

DHCP Capsule

Actions

Subnets

Name

Subnet

Remote Execution

Domains

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✕

Name *

Network address *

Network mask *

Netmask for this subnet

Gateway address

Optional: Gateway for this subnet

Primary DNS server

Optional: Primary DNS for this subnet

Secondary DNS server

Optional: Secondary DNS for this subnet

IPAM

[? IP Address Management](#)

Start of IP range

Optional: Starting IP Address for IP auto suggestion

Subnets

Name

Subnet

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Name *

Austin

Network address *

172.31.100.0

Network mask *

255.255.255.0

Netmask for this subnet

Gateway address

172.31.100.29

Optional: Gateway for this subnet

Primary DNS server

172.31.100.29

Optional: Primary DNS for this subnet

Secondary DNS server

Optional: Secondary DNS for this subnet

IPAM

DHCP ▾

📘 IP Address Management

Start of IP range

172.31.100.128

Optional: Starting IP Address for IP auto suggestion

Any Context ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

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Red Hat Insights ▾

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Network mask *

255.255.255.0

Netmask for this subnet

Gateway address

172.31.100.29

Optional: Gateway for this subnet

Primary DNS server

172.31.100.29

Optional: Primary DNS for this subnet

Secondary DNS server

Optional: Secondary DNS for this subnet

IPAM

DHCP ▾

📘 [IP Address Management](#)

Start of IP range

172.31.100.128

Optional: Starting IP Address for IP auto suggestion

End of IP range

172.31.100.254

Optional: Ending IP Address for IP auto suggestion

VLAN ID

Optional: VLAN ID for this subnet

Boot mode

DHCP ▾

Default boot mode for interfaces assigned to this subnet

Cancel

Submit

Subnets

Name

Subnet

Remote Execution

Domains

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Capsules

All Items Filter



satellite.tc.redhat.com

Selected Items



Select as many remote execution Capsules as applicable for this subnet. When multiple Capsules with the same provider are added, actions will be load balanced among them.

Subnets

Name

Subnet

Remote Execution

Domains

Capsules

Locations

Organizations

Capsules

All Items

Filter



Selected Items



satellite.tc.redhat.com

Select as many remote execution Capsules as applicable for this subnet. When multiple Capsules with the same provider are added, actions will be load balanced among them.

Subnets

Name

Subnet

Remote Execution

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Capsules

Locations

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Domain

☒ Select All☐ tc.redhat.com

Domains in which this subnet is part

Subnets

Name

Subnet

Remote Execution

Domains

Capsules

Locations

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✕

Domain

☒ Select All☒ tc.redhat.com

Domains in which this subnet is part

Subnets

Name

Subnet Remote Execution Domains **Capsules** Locations Organizations ✕

DHCP Capsule

None ▾

DHCP Capsule to use within this subnet

TFTP Capsule

None ▾

TFTP Capsule to use within this subnet

Reverse DNS Capsule

None ▾

DNS Capsule to use within this subnet for managing PTR records, note that A records are managed via Domain DNS Capsule

Discovery Capsule

None ▾

Discovery Capsule to use within this subnet for managing connection to discovered hosts

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Subnet

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DHCP Capsule

satellite.tc.redhat.com ▾

DHCP Capsule to use within this subnet

TFTP Capsule

satellite.tc.redhat.com ▾

TFTP Capsule to use within this subnet

Reverse DNS Capsule

satellite.tc.redhat.com ▾

DNS Capsule to use within this subnet for managing PTR records, note that A records are managed via Domain DNS Capsule

Discovery Capsule

satellite.tc.redhat.com ▾

Discovery Capsule to use within this subnet for managing connection to discovered hosts

Subnets

Name

Subnet

Remote Execution

Domains

Capsules

Locations

Organizations

Locations

All Items Filter



Austin

Dallas

Houston



Selected Items



Subnets

Name

Subnet

Remote Execution

Domains

Capsules

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Locations

All Items Filter



Dallas

Houston



Selected Items



Austin

Subnets

Name

Subnet

Remote Execution

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Capsules

Locations

Organizations

✕

Organizations

All Items Filter



Red Hat

Selected Items



Subnets

Name

Subnet

Remote Execution

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Organizations

All Items Filter



Selected Items



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Organizations

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Filter



Selected items



Red Hat



Cancel

Submit

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Subnets

Filter ...

Search

New Subnet

Name	Network address	Domains	VLAN ID	DHCP Capsule	Actions
Dallas Subnet	172.31.101.0/24	tc.redhat.com		satellite.tc.redhat.com	Delete
Houston Subnet	172.31.102.0/24	tc.redhat.com		satellite.tc.redhat.com	Delete
Austin Subnet	172.31.100.0/24	tc.redhat.com		satellite.tc.redhat.com	Delete

Displaying all 3 entries

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ORGANIZATION

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Any Organization

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Red Hat

Q Search ▾

New Subnet

LOCATION

Any Location >

Manage Locations

Dallas Subnet

Houston Subnet

Network address

Domains

VLAN ID

DHCP Capsule

Actions

172.31.100.0/24

tc.redhat.com

satellite.tc.redhat.com

Delete

172.31.101.0/24

tc.redhat.com

satellite.tc.redhat.com

Delete

172.31.102.0/24

tc.redhat.com

satellite.tc.redhat.com

Delete

Displaying all 3 entries

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Configure ▾

Infrastructure ▾

Red Hat Insights ▾

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Subnets

Filter ... x 🔍 Search ▾

New Subnet

▲ Name	Network address	Domains	VLAN ID	DHCP Capsule	Actions
Austin Subnet	172.31.100.0/24	tc.redhat.com		satellite.tc.redhat.com	Delete
Dallas Subnet	172.31.101.0/24	tc.redhat.com		satellite.tc.redhat.com	Delete
Houston Subnet	172.31.102.0/24	tc.redhat.com		satellite.tc.redhat.com	Delete

Displaying **all 3** entries

HOST COLLECTIONS

What are host collections?

- Logical groupings of systems for use for patching and remote commands. Can be based on anything the admin wants – location (Austin, Dallas, Houston), role (dev, QA, production), category (app, web, database), or anything else.

Subnets - Mozilla Firefox

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Subnets

https://satellite.tc.redhat.com/subnets?order=name+ASC150%Search

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Subnets

Filter ...

Name	Network address
Austin Subnet	172.31.100.0/24
Dallas Subnet	172.31.101.0/24
Houston Subnet	172.31.102.0/24

Displaying all 3 entries

All hosts

Discovered hosts

Content Hosts

Host Collections

New host

PROVISIONING SETUP

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Hardware models

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Operating systems

TEMPLATES

Partition tables

Provisioning templates

Job templates

COMPLIANCE

Policies

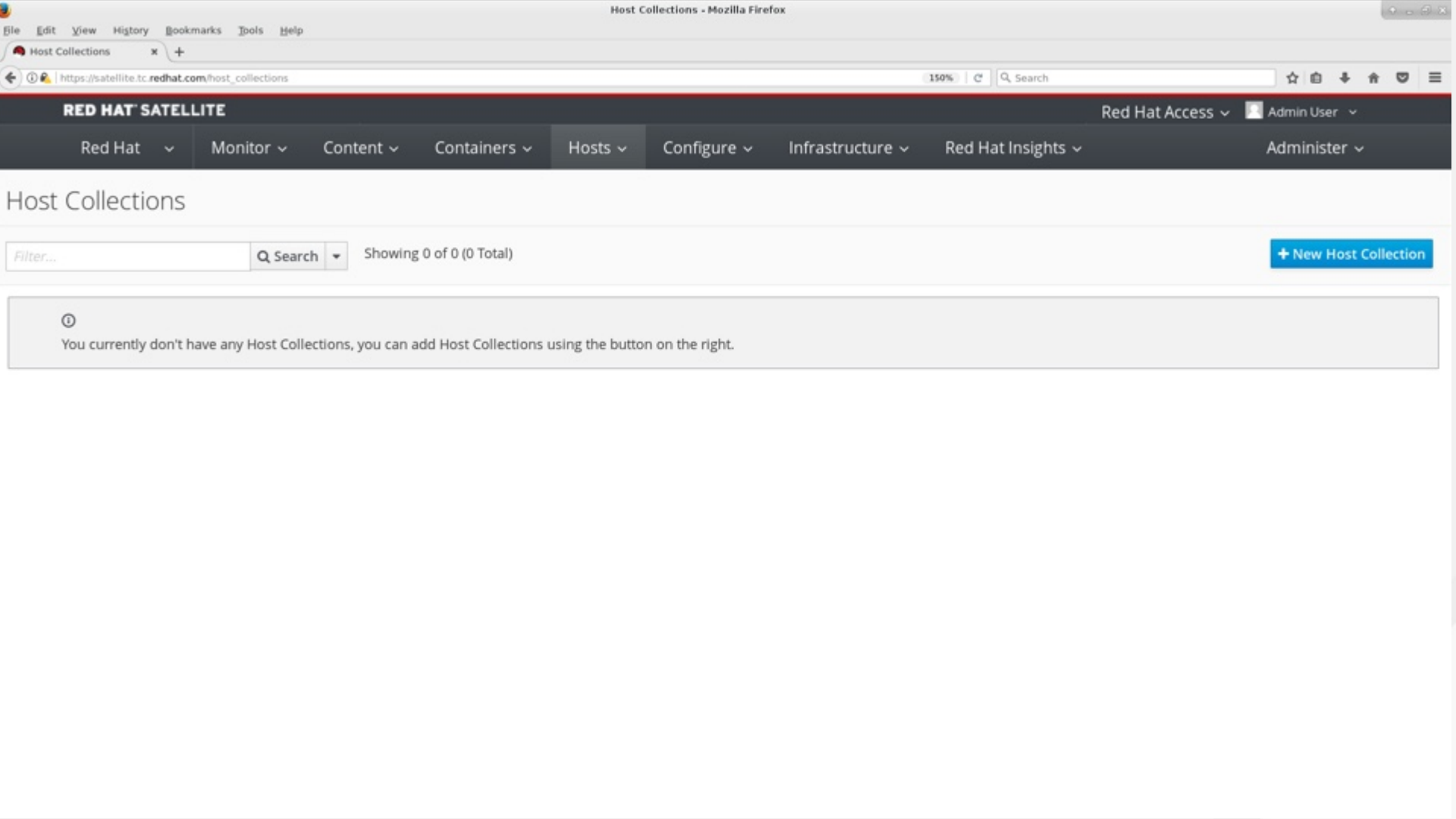
SCAP contents

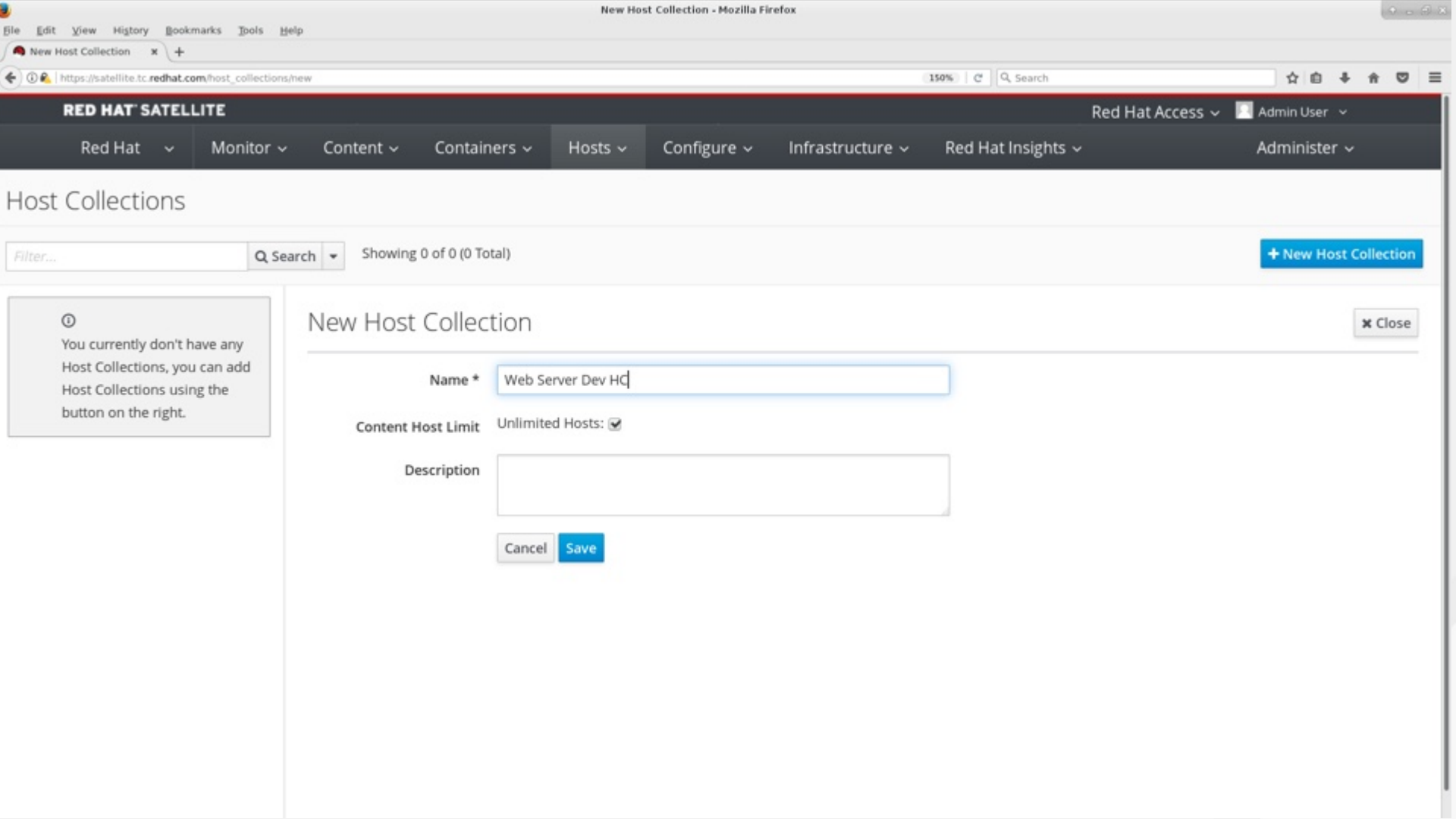
Reports

New Subnet

VLAN ID	DHCP Capsule	Actions
	satellite.tc.redhat.com	Delete
	satellite.tc.redhat.com	Delete
	satellite.tc.redhat.com	Delete

https://satellite.tc.redhat.com/host_collections





Host Collections

Filter...

Search

Showing 0 of 0 (0 Total)

+ New Host Collection



You currently don't have any Host Collections, you can add Host Collections using the button on the right.

New Host Collection

Close

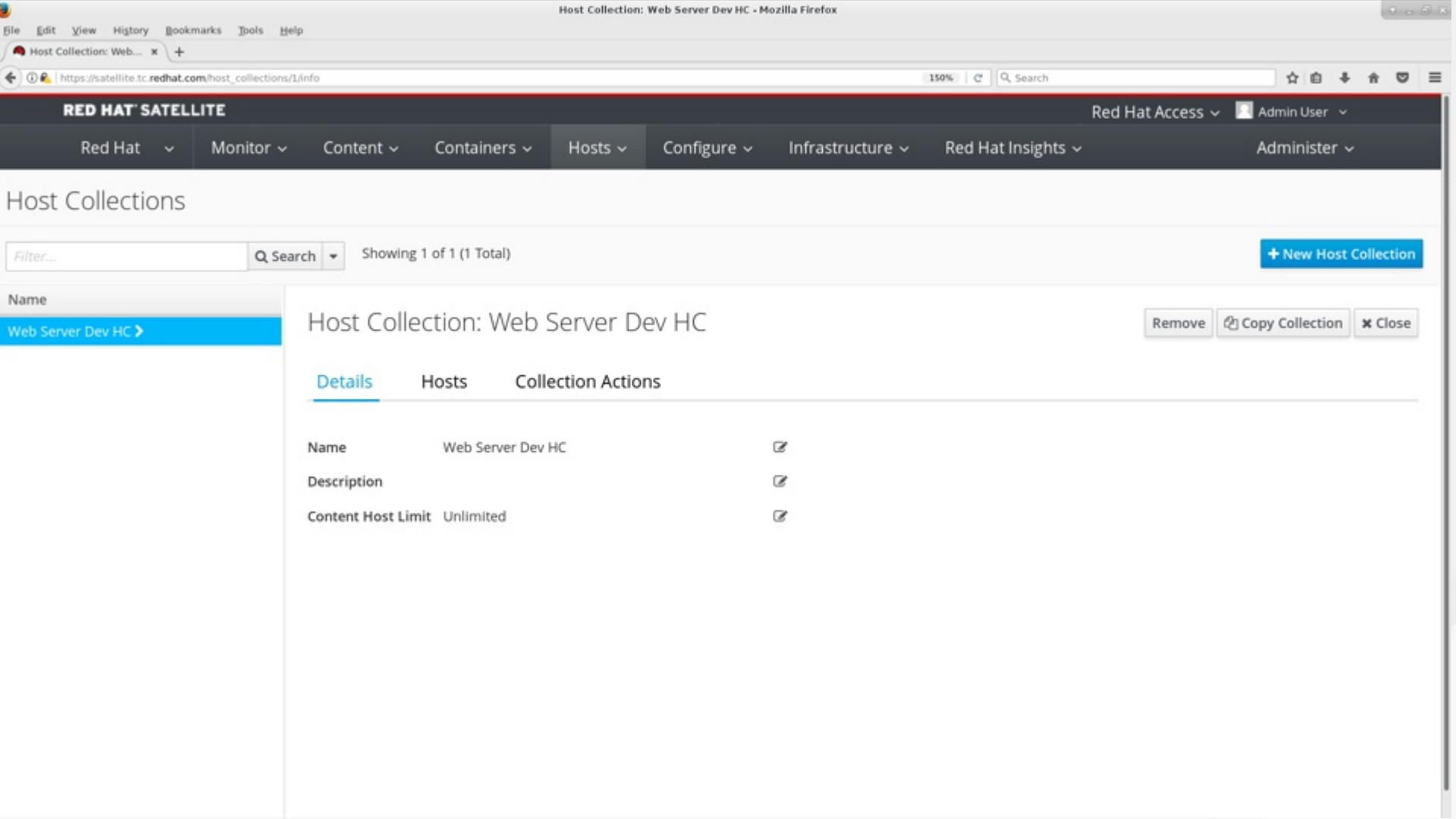
Name * Web Server Dev HC

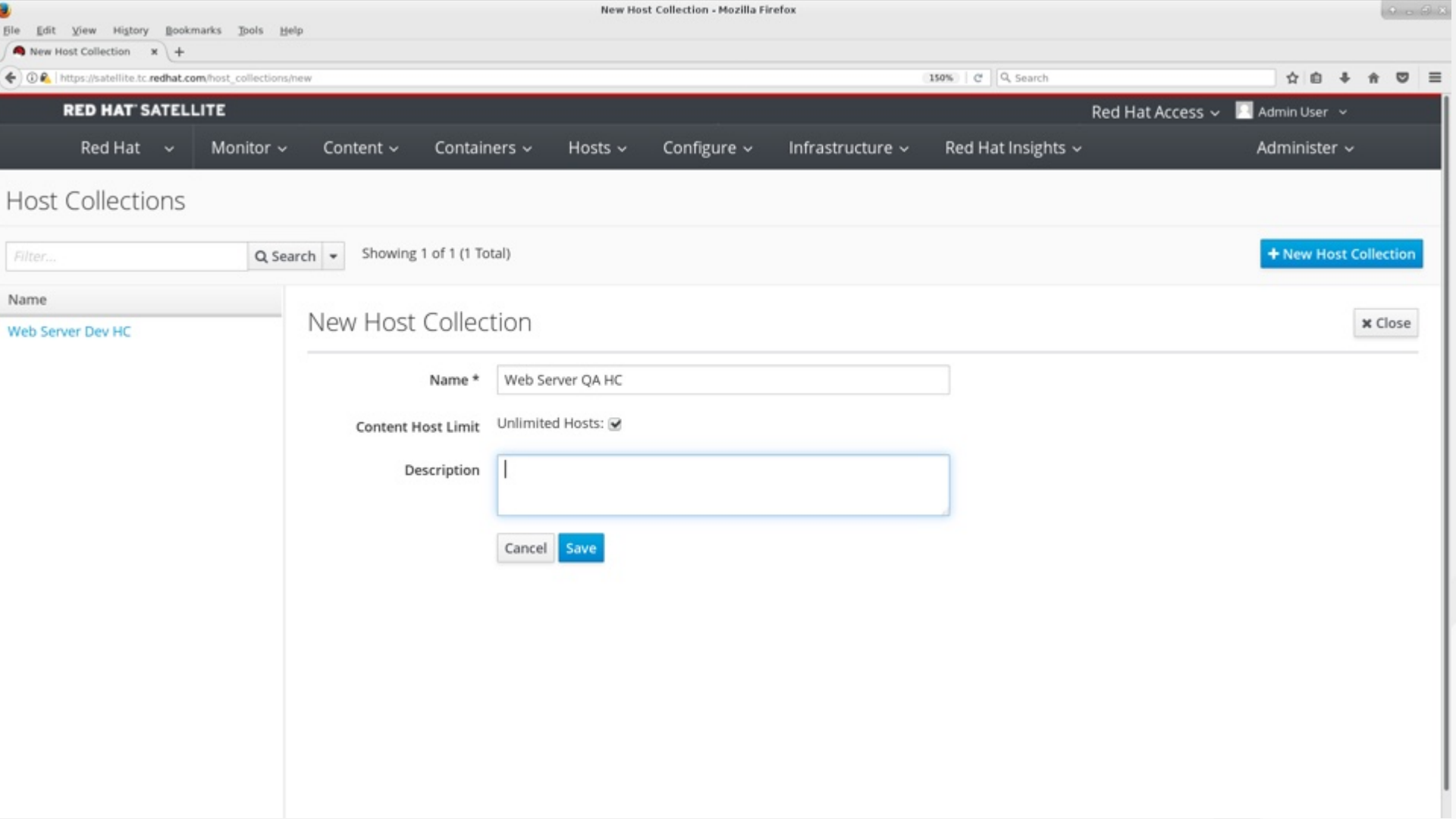
Content Host Limit Unlimited Hosts: ☒

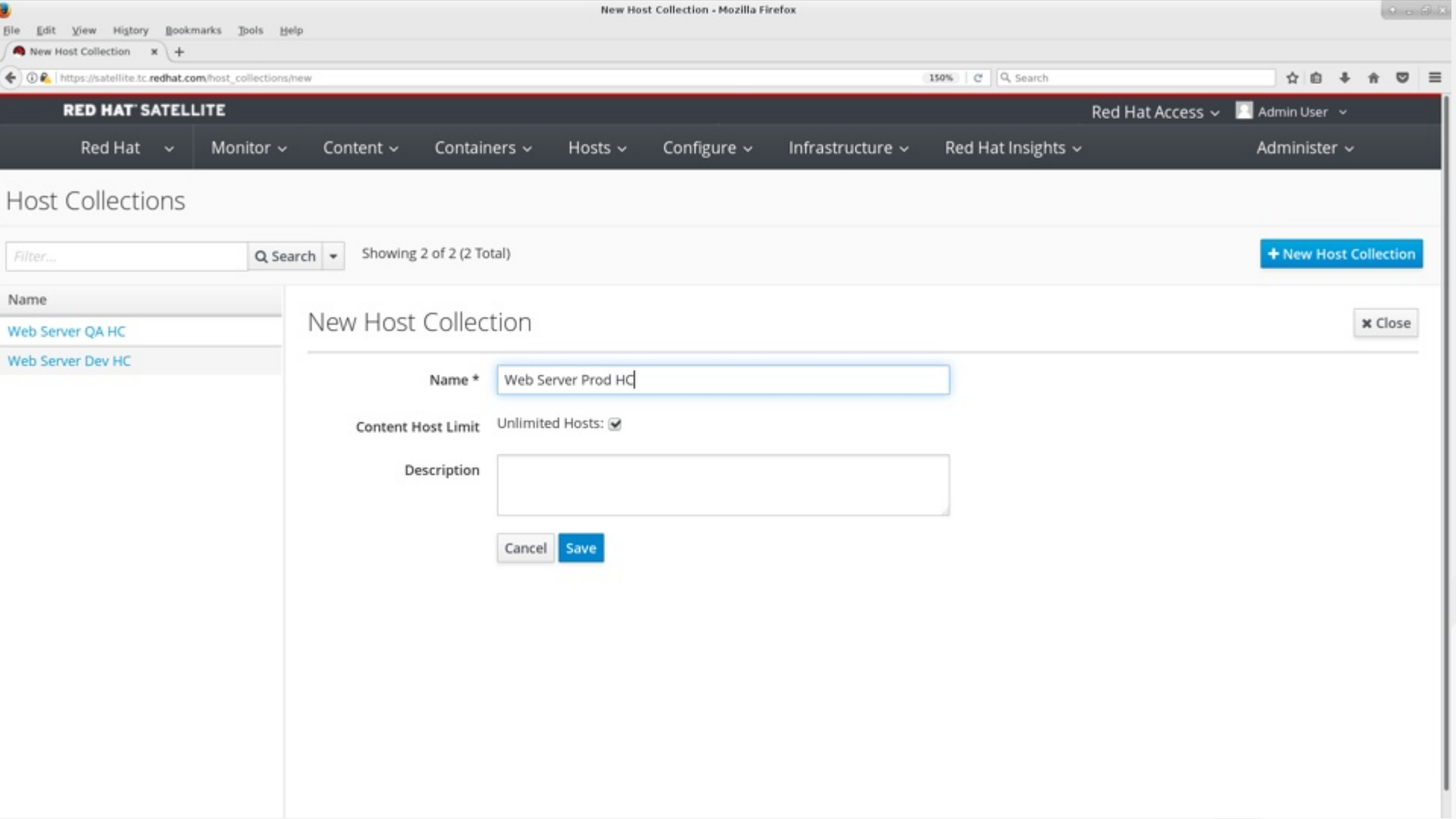
Description

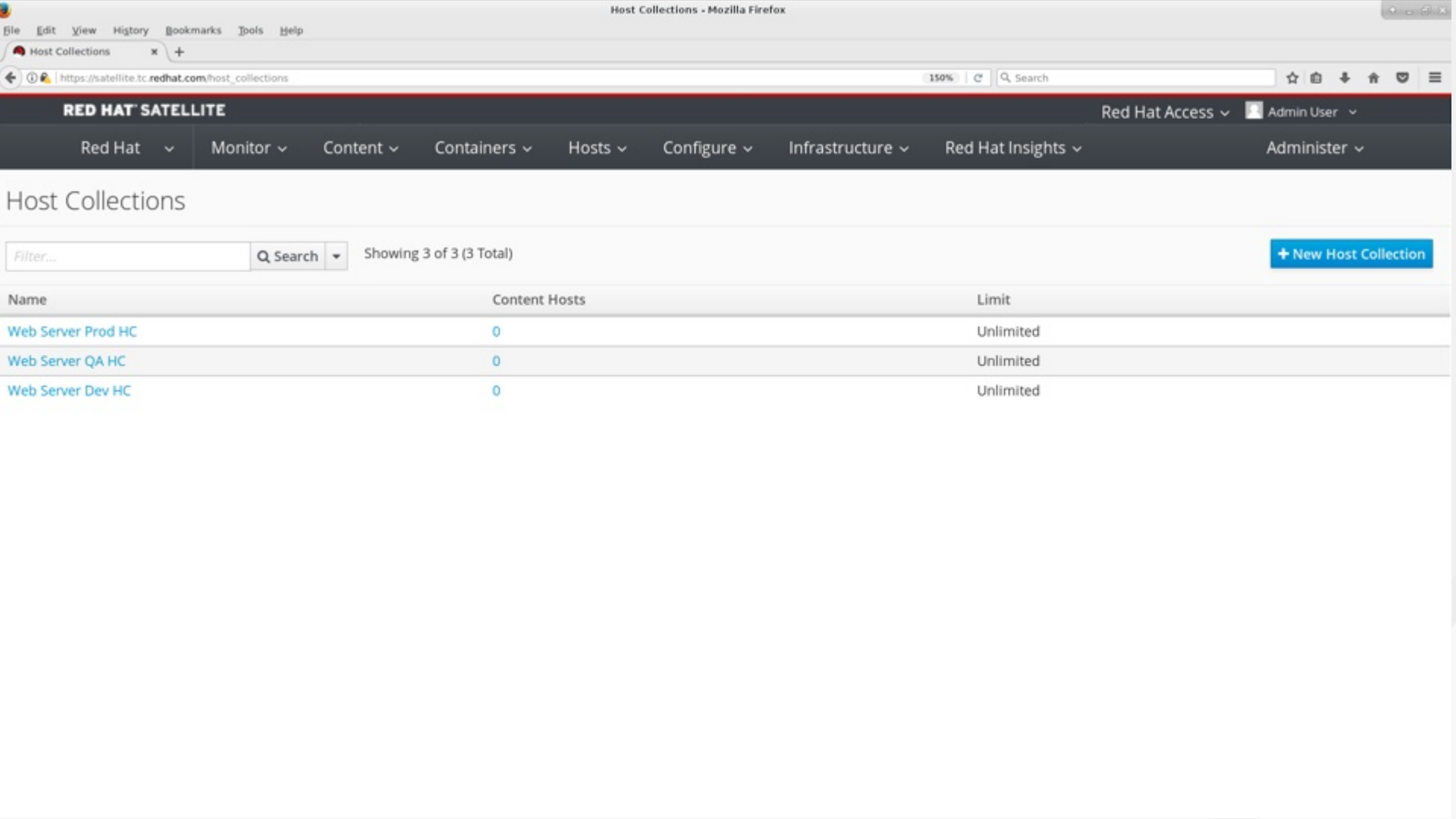
Cancel

Save









Host Collections

Filter... Q Search Showing 3 of 3 (3 Total)

+ New Host Collection

Name	Content Hosts	Limit
Web Server Prod HC	0	Unlimited
Web Server QA HC	0	Unlimited
Web Server Dev HC	0	Unlimited

INSTALLATION MEDIA

What is installation media?

- Collections of installation media to kickstart physical or virtual machines. Installation media sets are created when you sync kickstart trees to the Satellite server. We need to make them available for kickstarts on our server.

FileEditViewHistoryBookmarksToolsHelp

Host Collections

Host Collections

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Host Collections

Filter...Q SearchShowing 3 of 3 (3 Total)

Name	Content
Web Server Prod HC	0
Web Server QA HC	0
Web Server Dev HC	0

All hosts

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PROVISIONING SETUP

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Reports

+ New Host Collection

Limit
Unlimited
Unlimited
Unlimited

https://satellite.tc.redhat.com/media

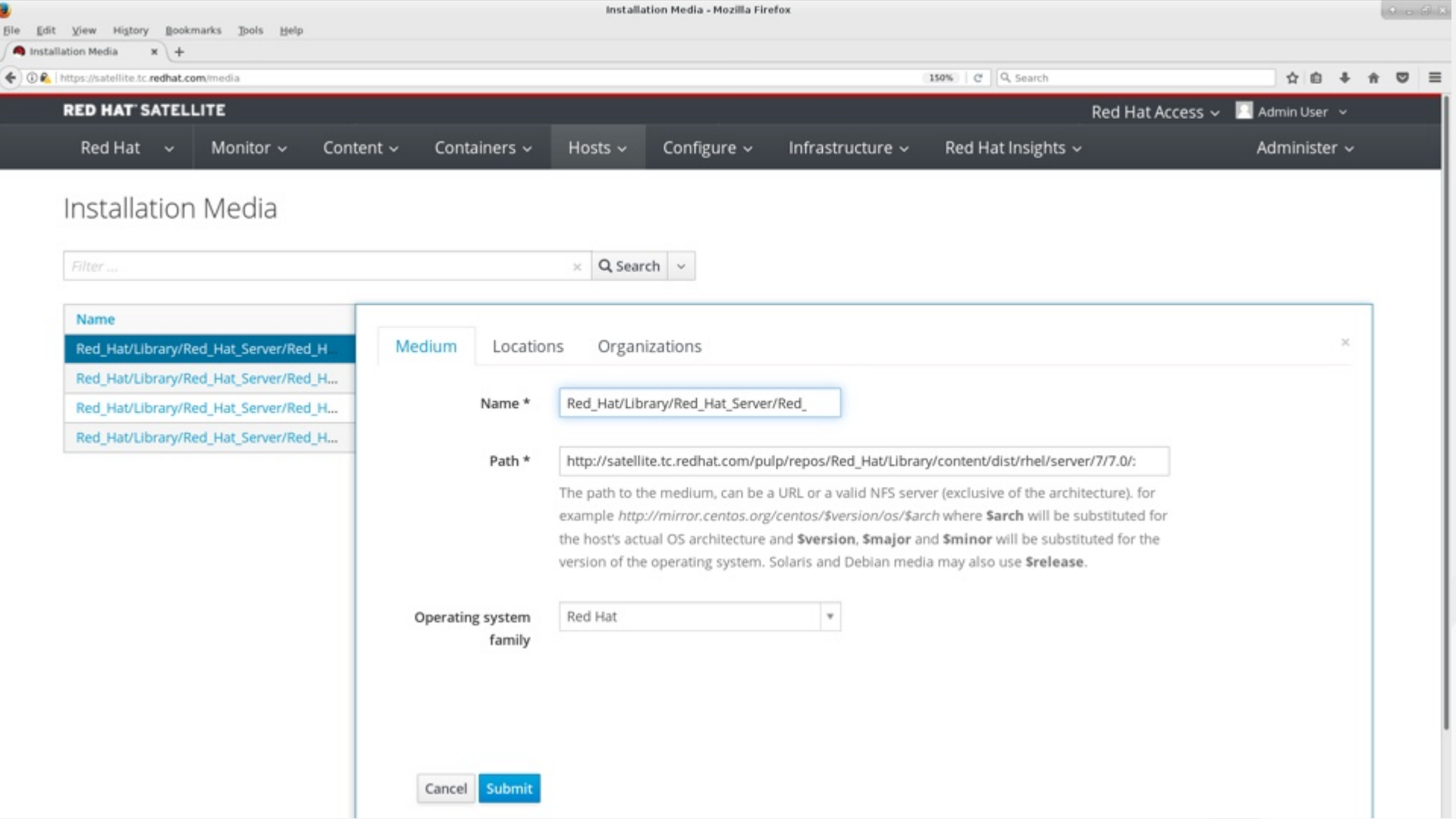
Installation Media

Filter ... x Search

New Medium Help Documentation

Name	Path	OS families	Operating Systems	Actions
Red_Hat/Library/Red_Hat_Se...	http://satellite.tc.redhat.com/pulp/repos/Red_Hat/Library/content/dist/rhel/server/7/7.0/x86_64/k...	Red Hat	RedHat 7.0	Delete
Red_Hat/Library/Red_Hat_Se...	http://satellite.tc.redhat.com/pulp/repos/Red_Hat/Library/content/dist/rhel/server/7/7.1/x86_64/k...	Red Hat	RedHat 7.1	Delete
Red_Hat/Library/Red_Hat_Se...	http://satellite.tc.redhat.com/pulp/repos/Red_Hat/Library/content/dist/rhel/server/7/7.2/x86_64/k...	Red Hat	RedHat 7.2	Delete
Red_Hat/Library/Red_Hat_Se...	http://satellite.tc.redhat.com/pulp/repos/Red_Hat/Library/content/dist/rhel/server/7/7.3/x86_64/k...	Red Hat	RedHat 7.3	Delete

Displaying all 4 entries



RED HAT SATELLITE

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Red Hat Monitor Content Containers Hosts Configure Infrastructure Red Hat Insights Administer

Installation Media

Filter ... x Search

Name

Red_Hat/Library/Red_Hat_Server/Red_H...

Red_Hat/Library/Red_Hat_Server/Red_H...

Red_Hat/Library/Red_Hat_Server/Red_H...

Red_Hat/Library/Red_Hat_Server/Red_H...

Medium

Locations

Organizations x

Name *

Red_Hat/Library/Red_Hat_Server/Red_

Path *

http://satellite.tc.redhat.com/pulp/repos/Red_Hat/Library/content/dist/rhel/server/7/7.0/:

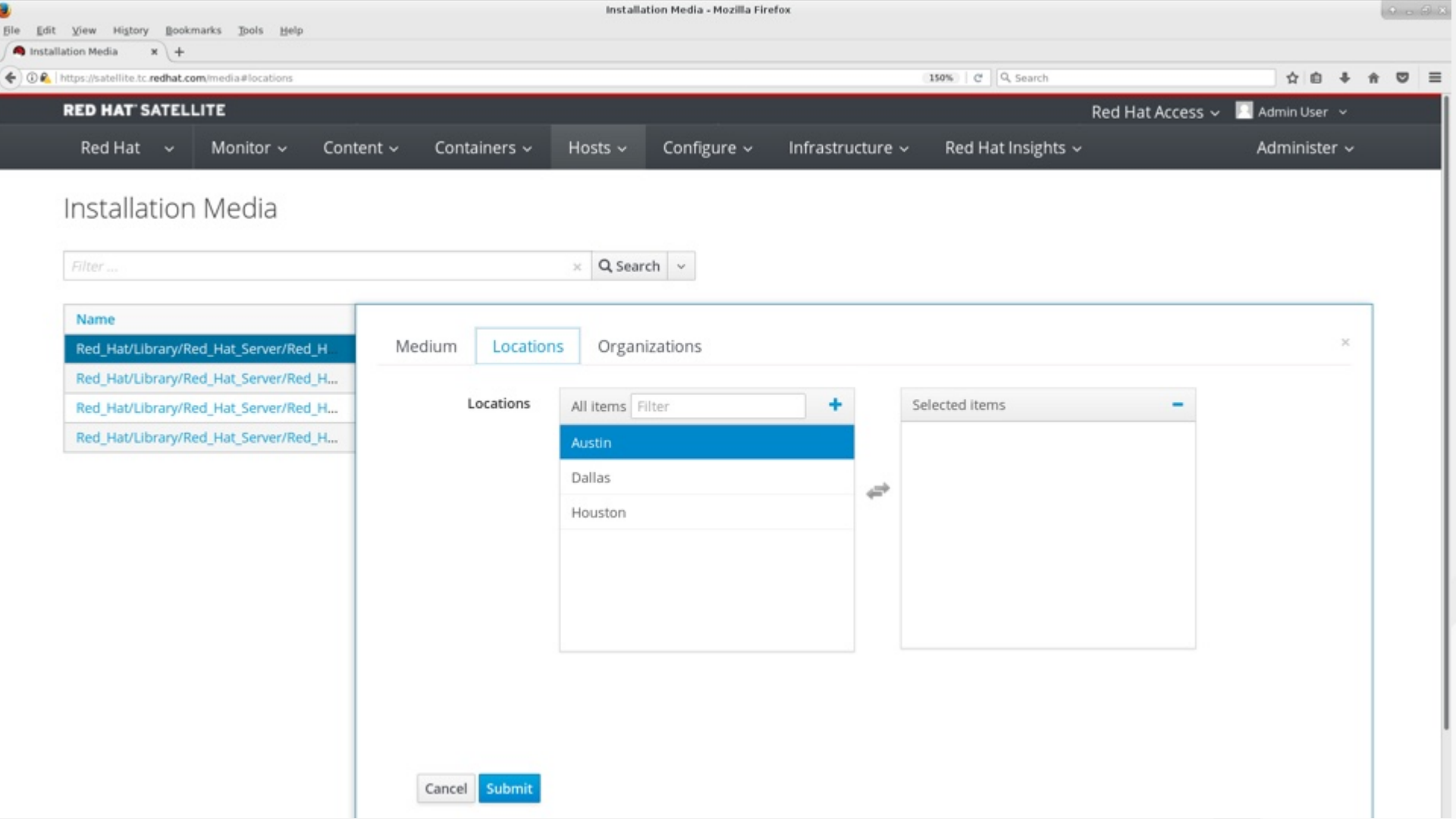
The path to the medium, can be a URL or a valid NFS server (exclusive of the architecture). for example `http://mirror.centos.org/centos/$version/os/$arch` where **\$arch** will be substituted for the host's actual OS architecture and **\$version**, **\$major** and **\$minor** will be substituted for the version of the operating system. Solaris and Debian media may also use **\$release**.

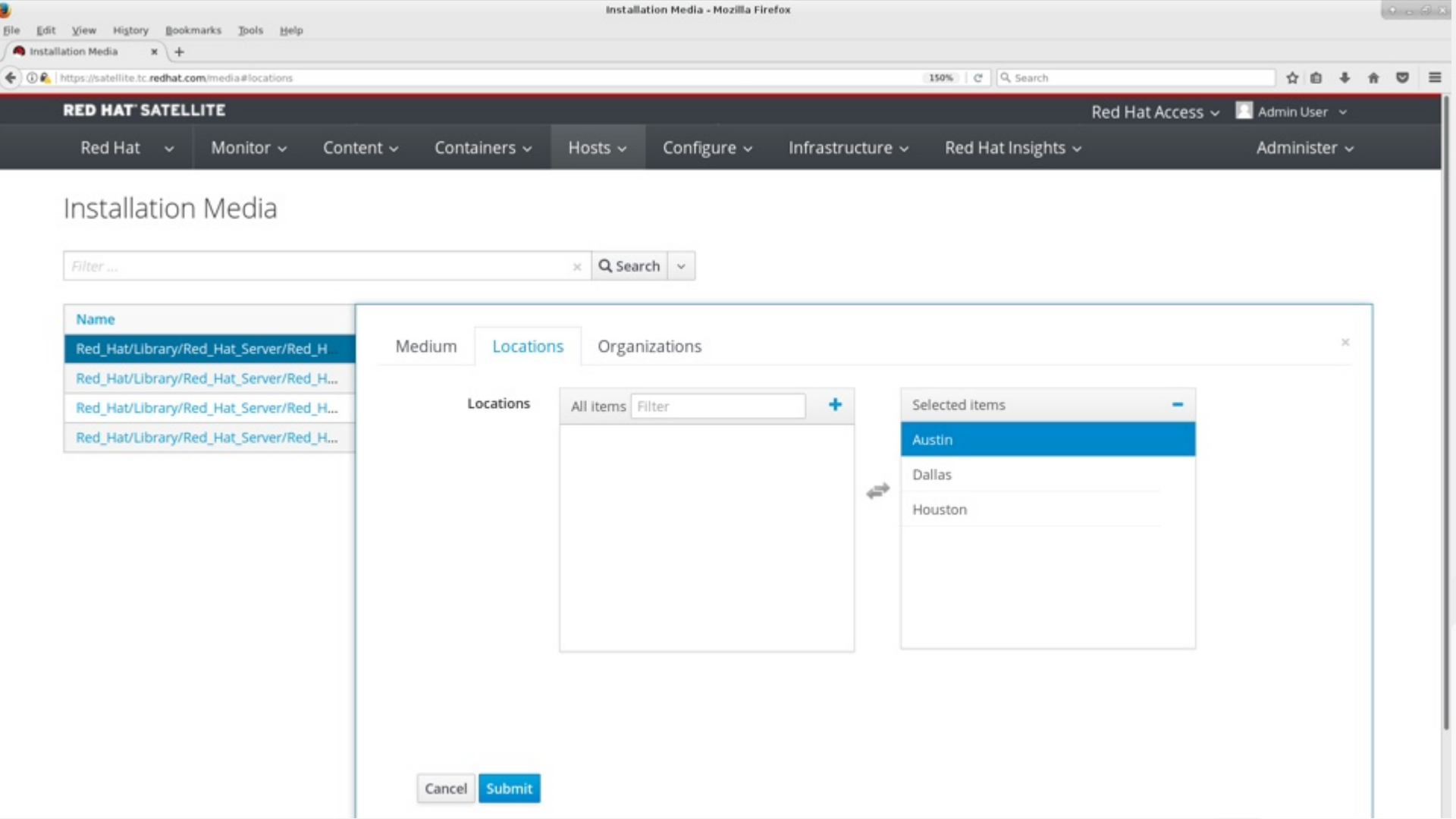
Operating system
family

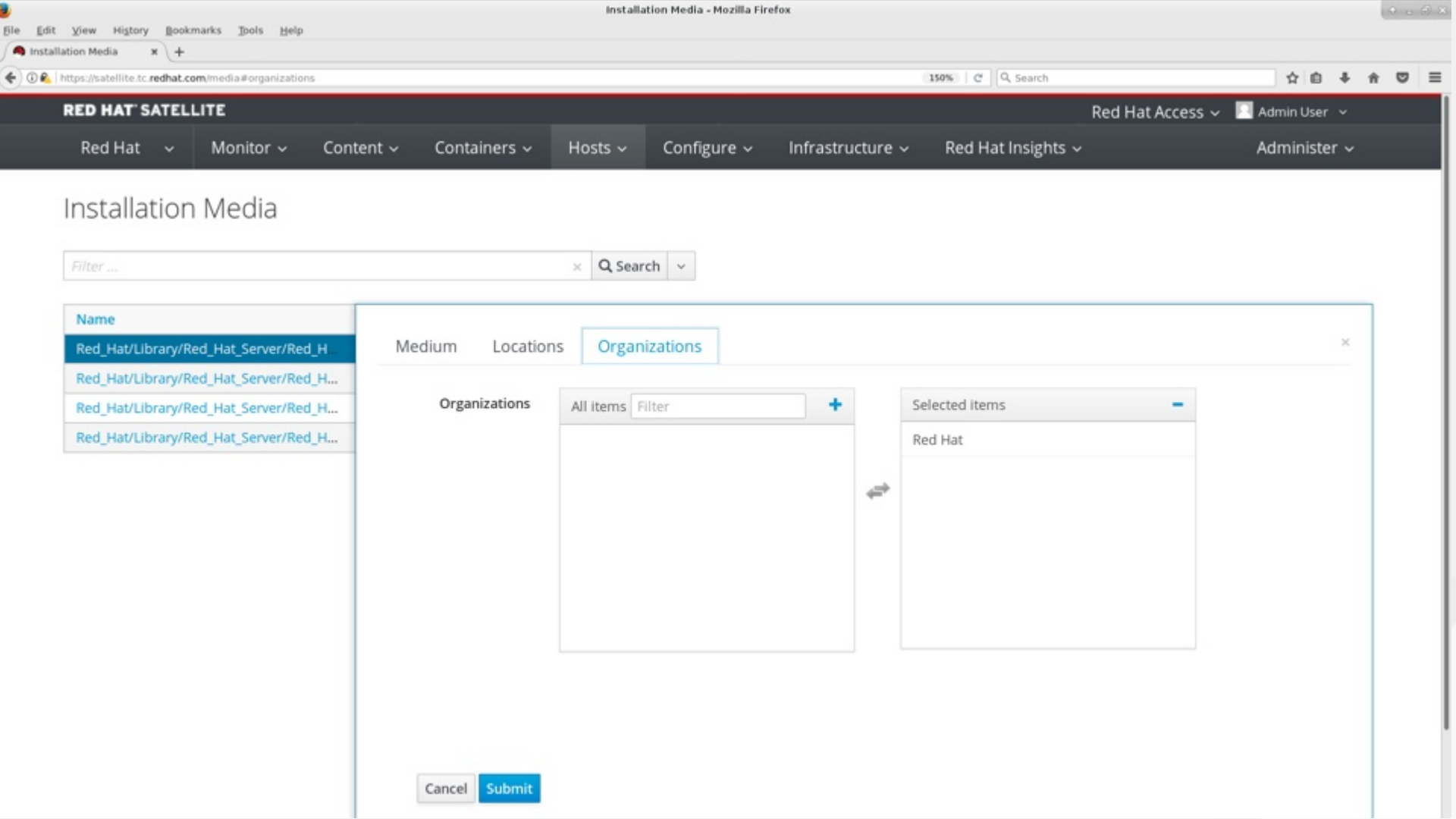
Red Hat ▼

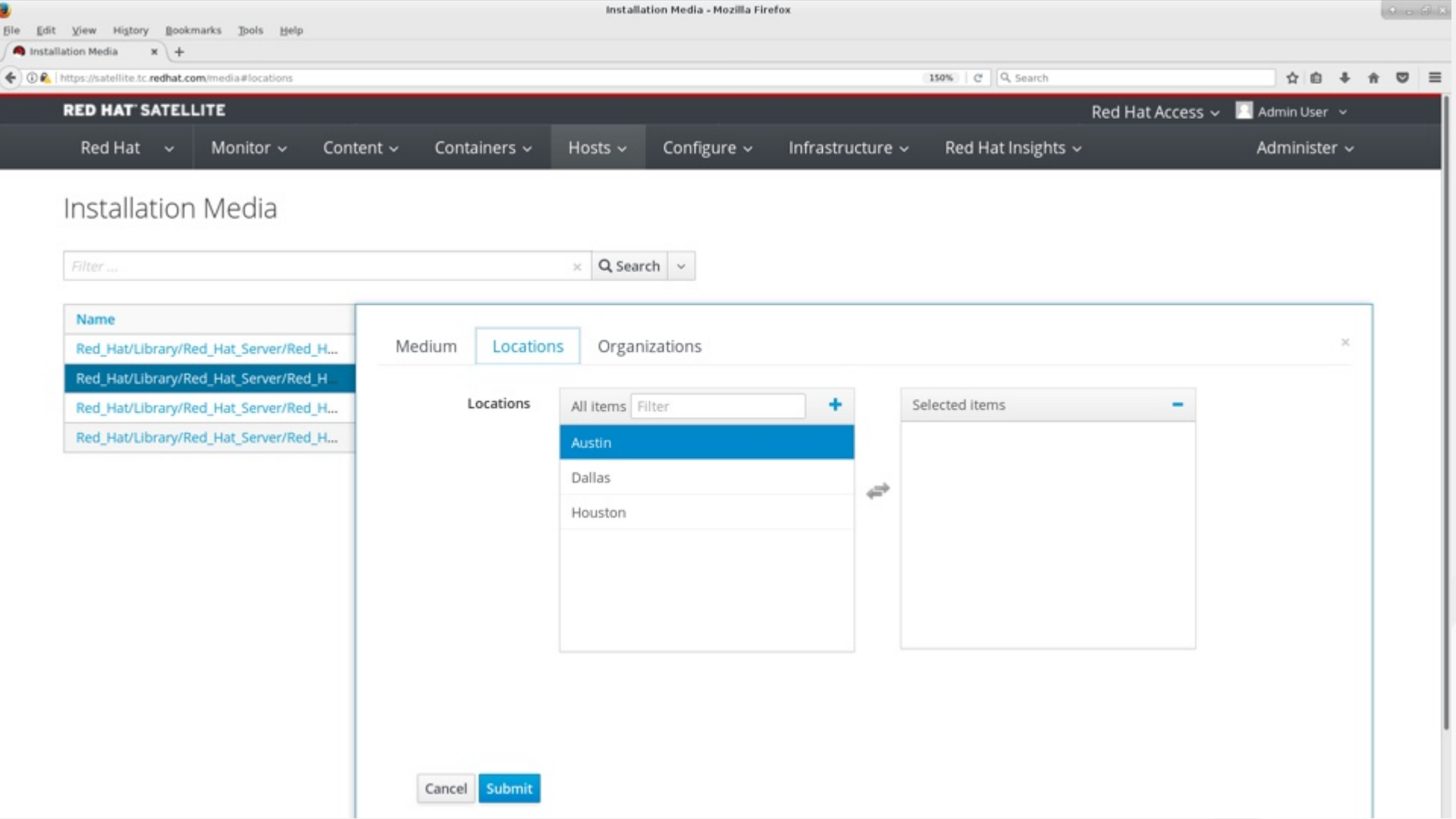
Cancel

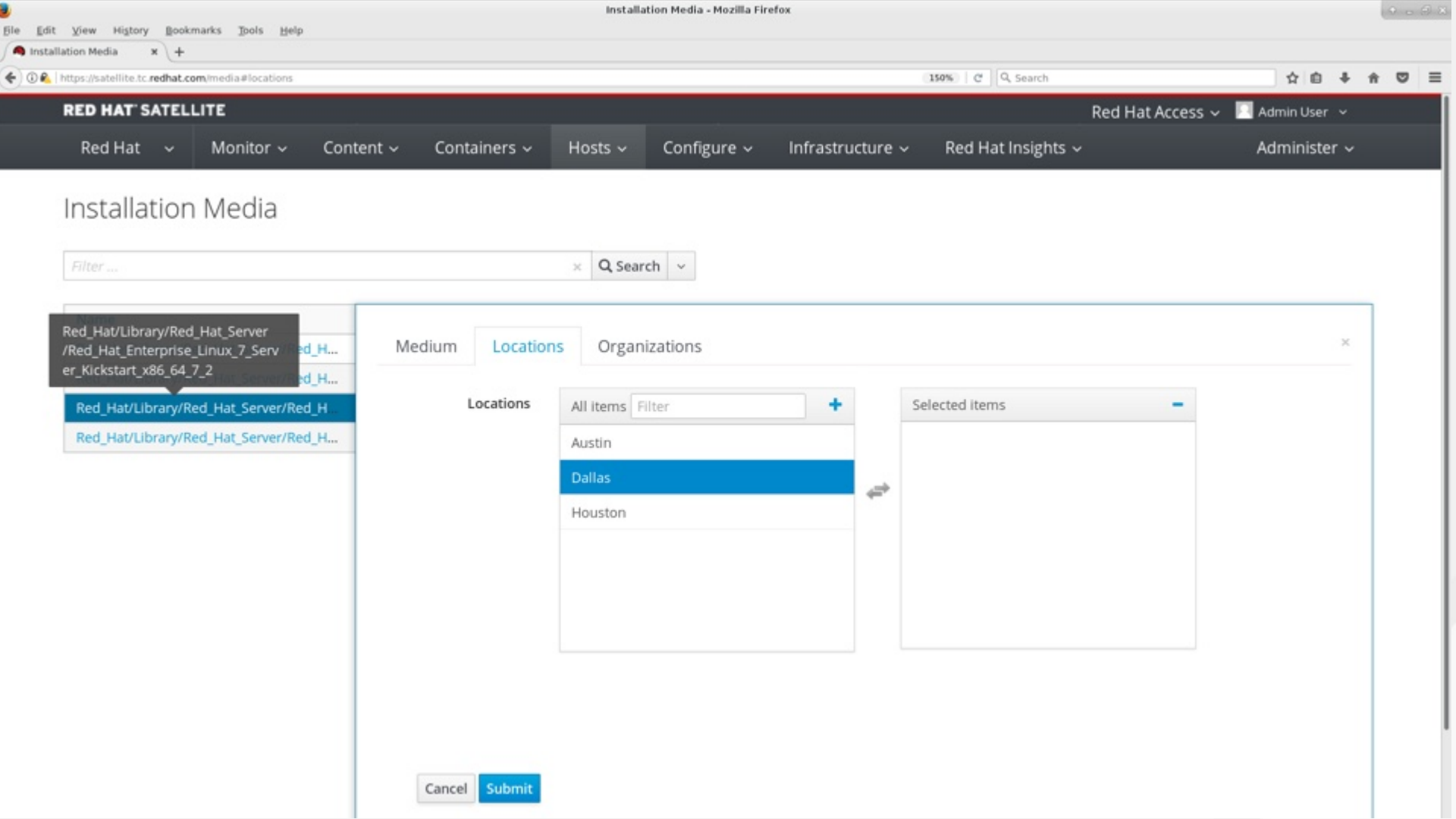
Submit

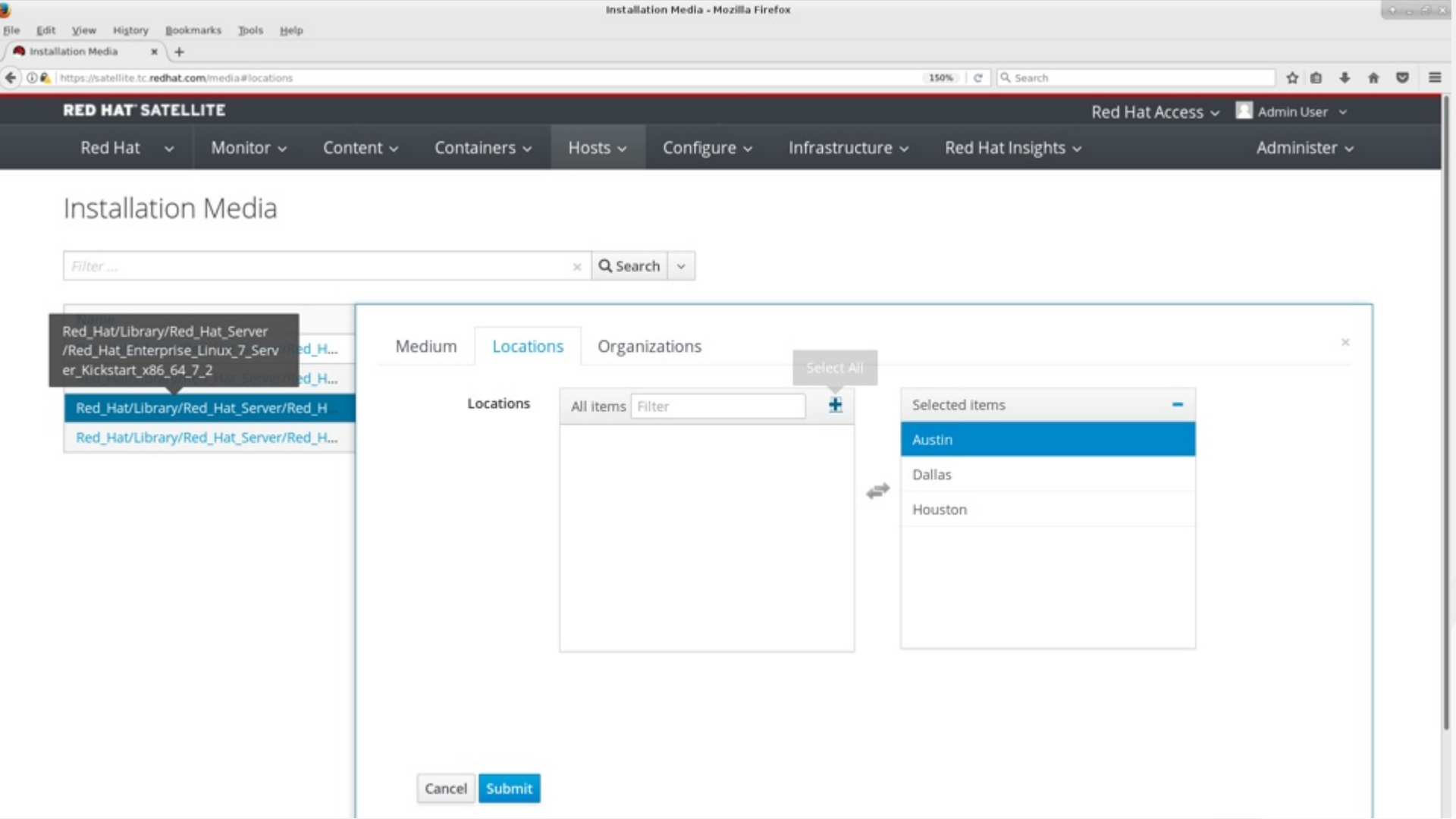


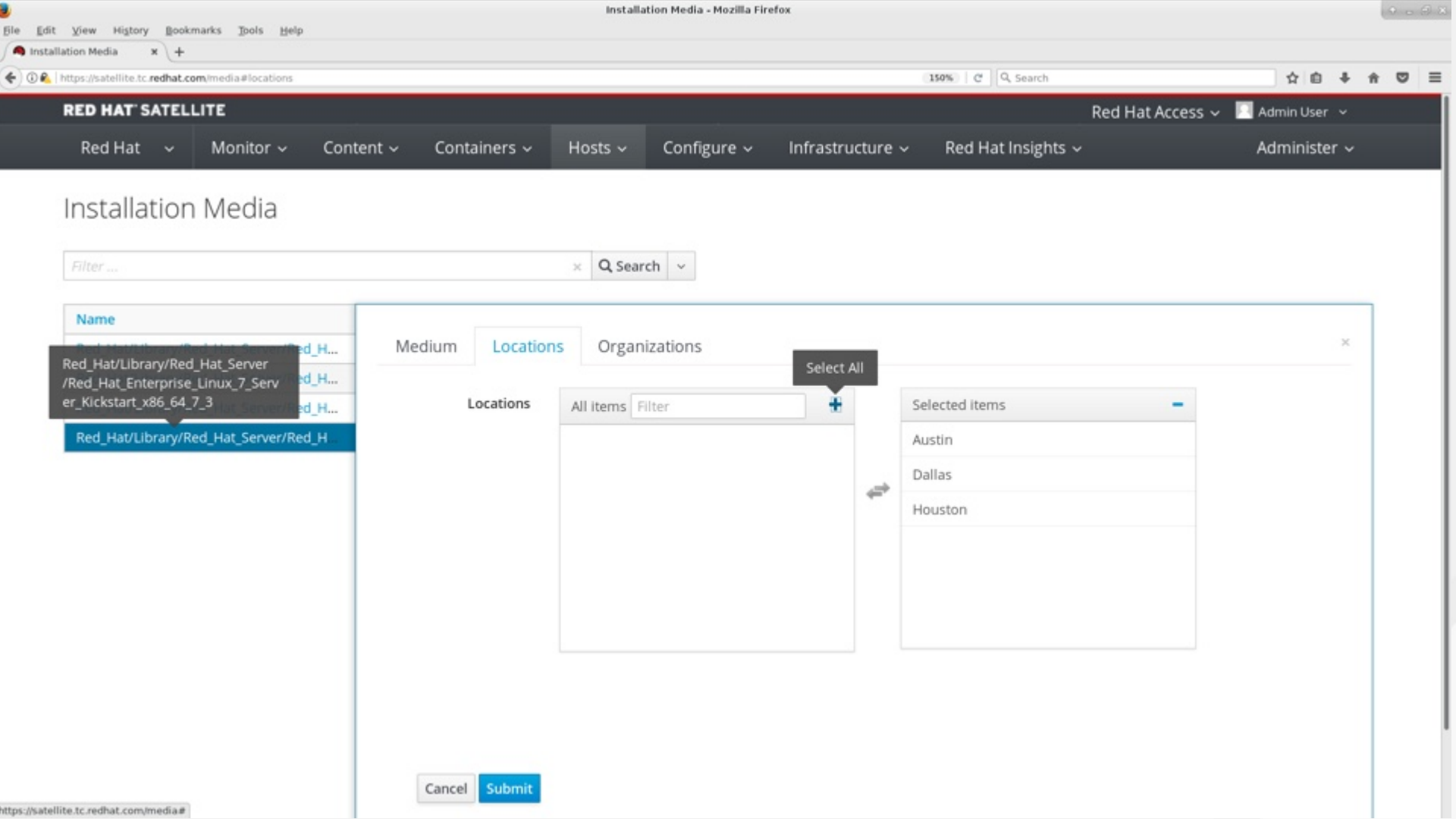












PROVISIONING TEMPLATES

What are provisioning templates?

- Stackable, mix and match templates which are used to create a kickstart script when provisioning new hosts. We're going to make the templates commonly used in various methods of kickstarting (iPXE, PXELinux, and Satellite kickstart, %post, and user information) available to the organization and locations the Satellite server manages.

FileEditViewHistoryBookmarksToolsHelp

Installation Media

https://satellite.tc.redhat.com/media#locations150%Search

RED HAT SATELLITE

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Installation Media

Filter ...

Name	Path
Red_Hat/Library/Red_Hat_Se...	http://satellite.tc.redhat.com/pulp/repos
Red_Hat/Library/Red_Hat_Se...	http://satellite.tc.redhat.com/pulp/repos
Red_Hat/Library/Red_Hat_Se...	http://satellite.tc.redhat.com/pulp/repos
Red_Hat/Library/Red_Hat_Se...	http://satellite.tc.redhat.com/pulp/repos

Displaying all 4 entries

All hosts

Discovered hosts

Content Hosts

Host Collections

New host

PROVISIONING SETUP

Architectures

Hardware models

Installation media

Operating systems

TEMPLATES

Partition tables

Provisioning templates

Job templates

COMPLIANCE

Policies

SCAP contents

Reports

New MediumHelpDocumentation

	OS families	Operating Systems	Actions
st/rhel/server/7/7.0/x86_64/k...	Red Hat	RedHat 7.0	Delete
st/rhel/server/7/7.1/x86_64/k...	Red Hat	RedHat 7.1	Delete
st/rhel/server/7/7.2/x86_64/k...	Red Hat	RedHat 7.2	Delete
st/rhel/server/7/7.3/x86_64/k...	Red Hat	RedHat 7.3	Delete

https://satellite.tc.redhat.com/templates/provisioning_templates

Provisioning Templates - Mozilla Firefox

FileEditViewHistoryBookmarksToolsHelp

Provisioning Templates

https://satellite.fc.redhat.com/templates/provisioning_templates150%Search

Red Hat AccessAdmin User

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

Provisioning Templates

Filter ...Search

New TemplateBuild PXE DefaultDocumentation

Name	Host group / Environment	Kind	Snippet	Locked	Actions
Alterator default		Provisioning template			Clone
Alterator default finish		Finish template			Clone
Alterator default PXELinux		PXELinux template			Clone
alterator_pkglist			✓		Clone
Atomic Kickstart default		Provisioning template			Clone
AutoYaST default		Provisioning template			Clone
AutoYaST default IPXE		IPXE template			Clone
AutoYaST default PXELinux		PXELinux template			Clone
AutoYaST SLES default		Provisioning template			Clone
Boot disk IPXE - generic host		Bootdisk		🔒	Clone
Boot disk IPXE - host		Bootdisk		🔒	Clone
chef_client			✓		Clone
coreos_cloudconfig			✓		Clone
CoreOS provision		Provisioning template			Clone
CoreOS PXELinux		PXELinux template			Clone

FileEditViewHistoryBookmarksToolsHelp

Provisioning Templates

https://satellite.tc.redhat.com/templates/provisioning_templates150%Search

RED HAT SATELLITE

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ORGANIZATION

Red HatAny Organization

Manage Organizations

Red Hat

LOCATION

Any Location

Manage Locations

New TemplateBuild PXE DefaultDocumentation

Host group / EnvironmentKindSnippetLockedActions

Provisioning template

Clone

Alterator default finish

Finish template

Clone

Alterator default PXELinux

PXELinux template

Clone

alterator_pkglist

✓

Clone

Atomic Kickstart default

Provisioning template

Clone

AutoYaST default

Provisioning template

Clone

AutoYaST default IPXE

IPXE template

Clone

AutoYaST default PXELinux

PXELinux template

Clone

AutoYaST SLES default

Provisioning template

Clone

Boot disk IPXE - generic host

Bootdisk

Clone

Boot disk IPXE - host

Bootdisk

Clone

chef_client

✓

Clone

coreos_cloudconfig

✓

Clone

CoreOS provision

Provisioning template

Clone

CoreOS PXELinux

PXELinux template

Clone

FileEditViewHistoryBookmarksToolsHelp

Provisioning Templates

https://satellite.fc.redhat.com/templates/provisioning_templates?page=2150%Search

RED HAT SATELLITE

Red Hat AccessAdmin User

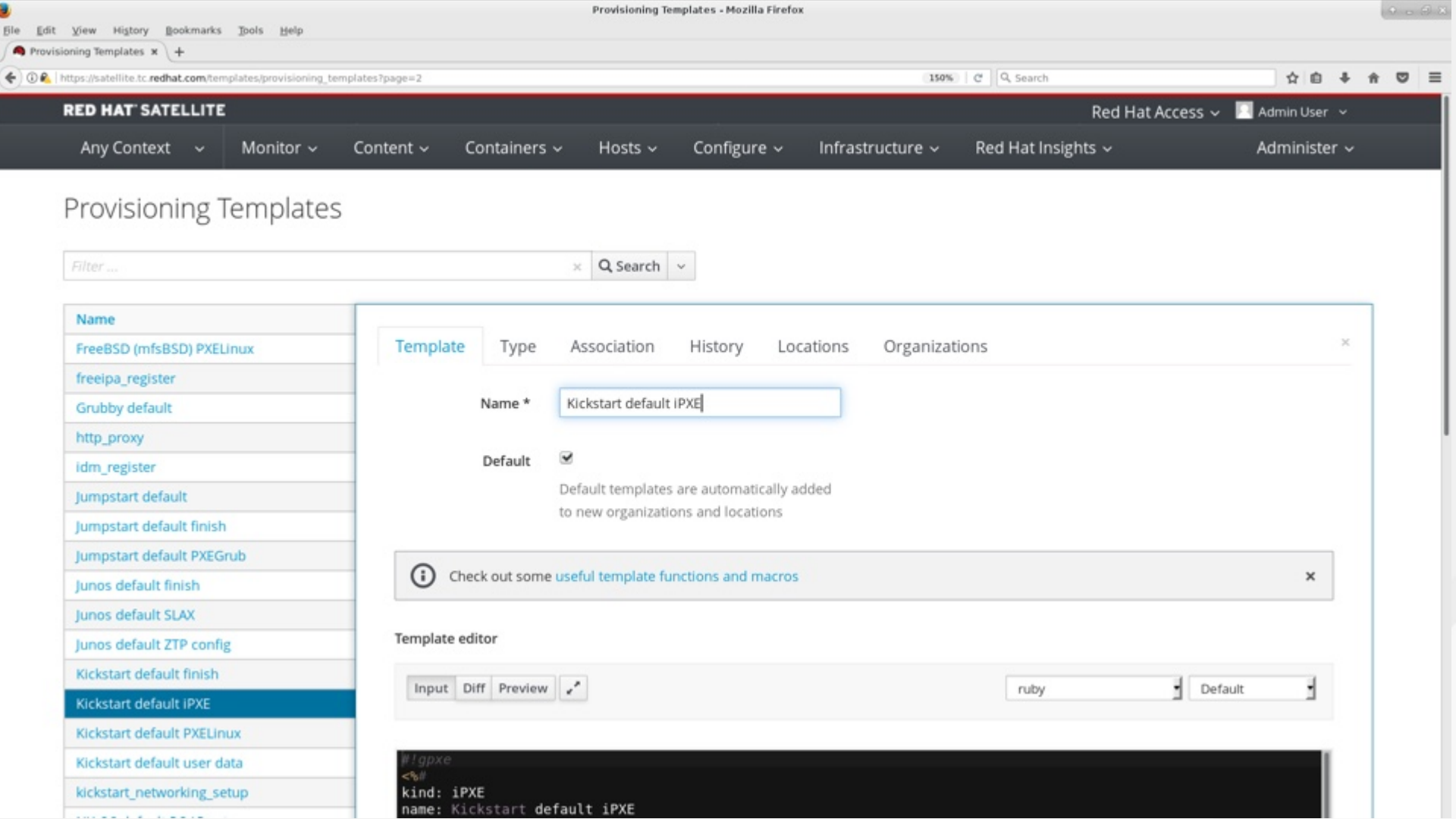
Any ContextMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

Provisioning Templates

Filter ...Search

New TemplateBuild PXE DefaultDocumentation

Name	Host group / Environment	Kind	Snippet	Locked	Actions
FreeBSD (mfsBSD) PXELinux		PXELinux template			Clone
freipa_register			✓		Clone
Grubby default		Script template			Clone
http_proxy			✓		Clone
idm_register			✓	🔒	Clone
Jumpstart default		Provisioning template			Clone
Jumpstart default finish		Finish template			Clone
Jumpstart default PXEGrub		PXEGrub template			Clone
Junos default finish		Finish template			Clone
Junos default SLAX		Provisioning template			Clone
Junos default ZTP config		ZTP template			Clone
Kickstart default finish		Finish template			Clone
Kickstart default IPXE		IPXE template			Clone
Kickstart default PXELinux		PXELinux template			Clone
Kickstart default user data		User data template			Clone



Provisioning Templates - Mozilla Firefox

FileEditViewHistoryBookmarksToolsHelp

Provisioning Templates x

https://satellite.tcc.redhat.com/templates/provisioning_templates?page=2#template_associations150%Search

Any ContextMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

Search

Name

FreeBSD (mfsBSD) PXELinux

freelpa_register

Grubby default

http_proxy

idm_register

Jumpstart default

Jumpstart default finish

Jumpstart default PXEGrub

Junos default finish

Junos default SLAX

Junos default ZTP config

Kickstart default finish

Kickstart default IPXE

Kickstart default PXELinux

Kickstart default user data

kickstart_networking_setup

NX-OS default POAP setup

Preseed default

Preseed default finish

Preseed default IPXE

TemplateTypeAssociationHistoryLocationsOrganizations

How templates are determined

When editing a template, you must assign a list of operating systems which this template can be used with. Optionally, you can restrict a template to a list of host groups and/or environments.

When a Host requests a template (e.g. during provisioning), Satellite will select the best match from the available templates of that type, in the following order:

- Host group and Environment
- Host group only
- Environment only
- Operating system default

The final entry, Operating System default, can be set by editing the [Operating System](#) page.

Applicable Operating Systems

All itemsFilter

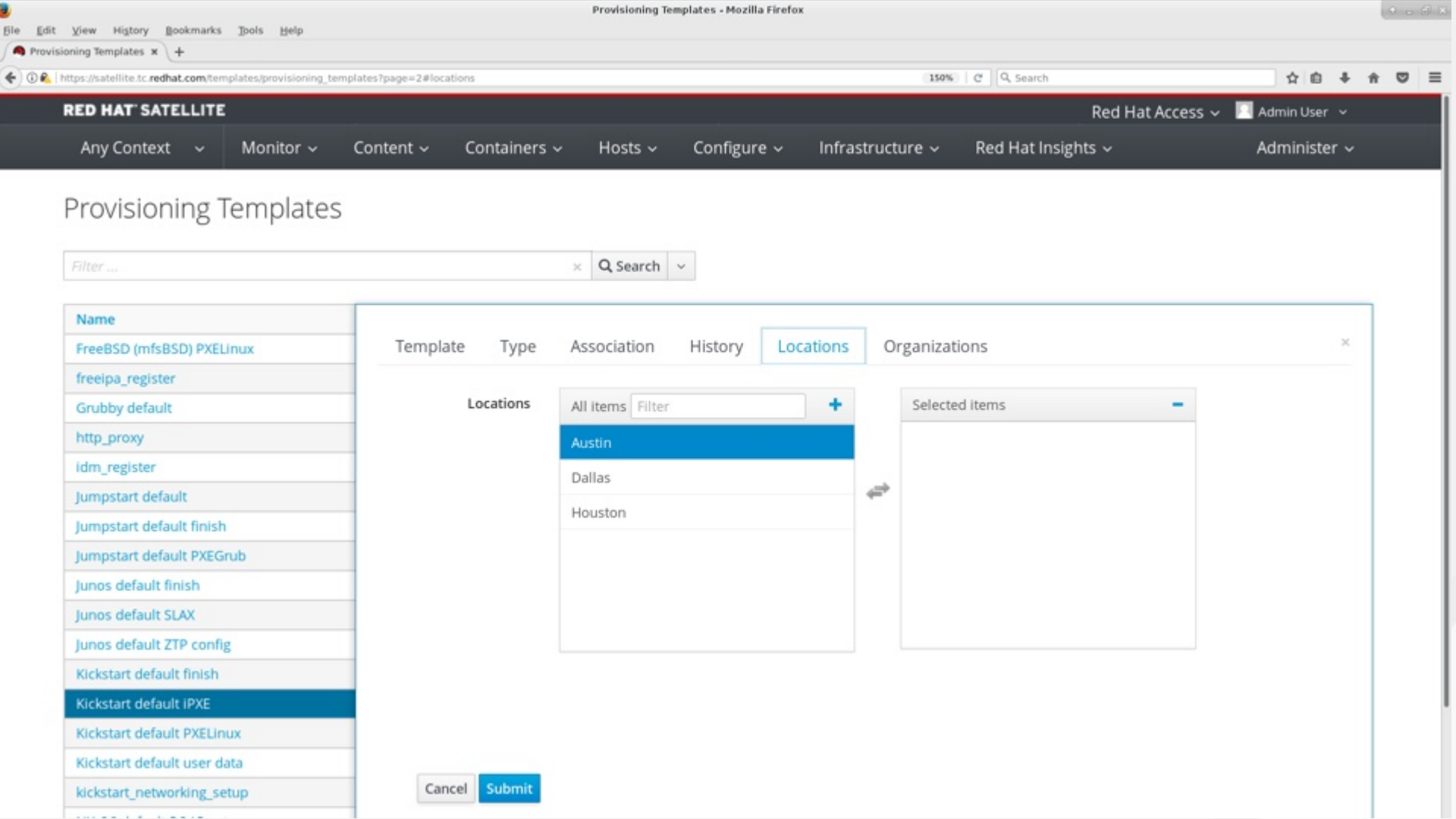
Selected items

RedHat 7.0

RedHat 7.1

RedHat 7.2

RedHat 7.3



Provisioning Templates

Filter ... Search

Name

FreeBSD (mfsBSD) PXELinux

freeipa_register

Grubby default

http_proxy

idm_register

Jumpstart default

Jumpstart default finish

Jumpstart default PXEGrub

Junos default finish

Junos default SLAX

Junos default ZTP config

Kickstart default finish

Kickstart default IPXE

Kickstart default PXELinux

Kickstart default user data

kickstart_networking_setup

Template Type Association History Locations Organizations

Locations

All Items

Filter



Austin

Dallas

Houston

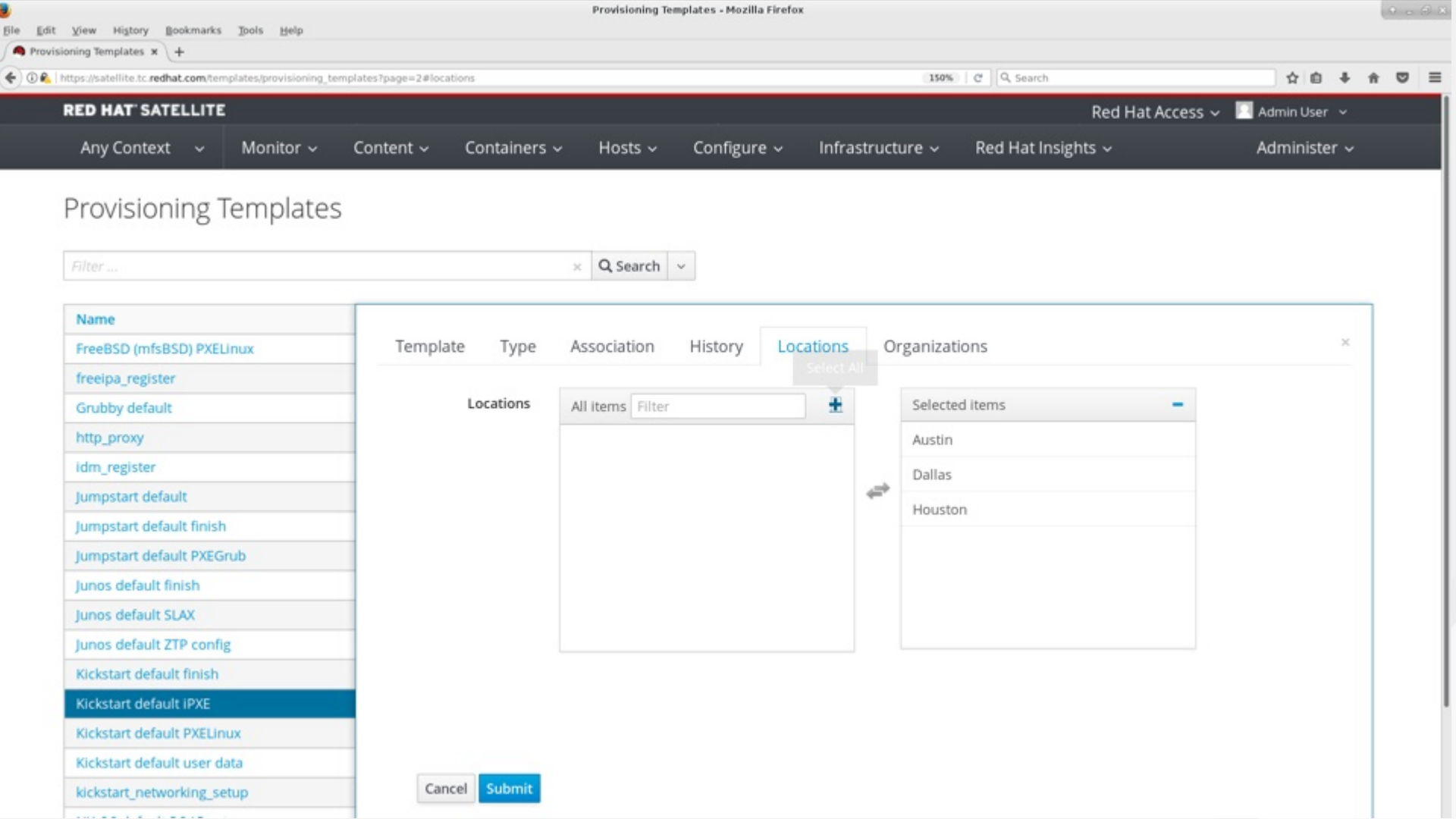


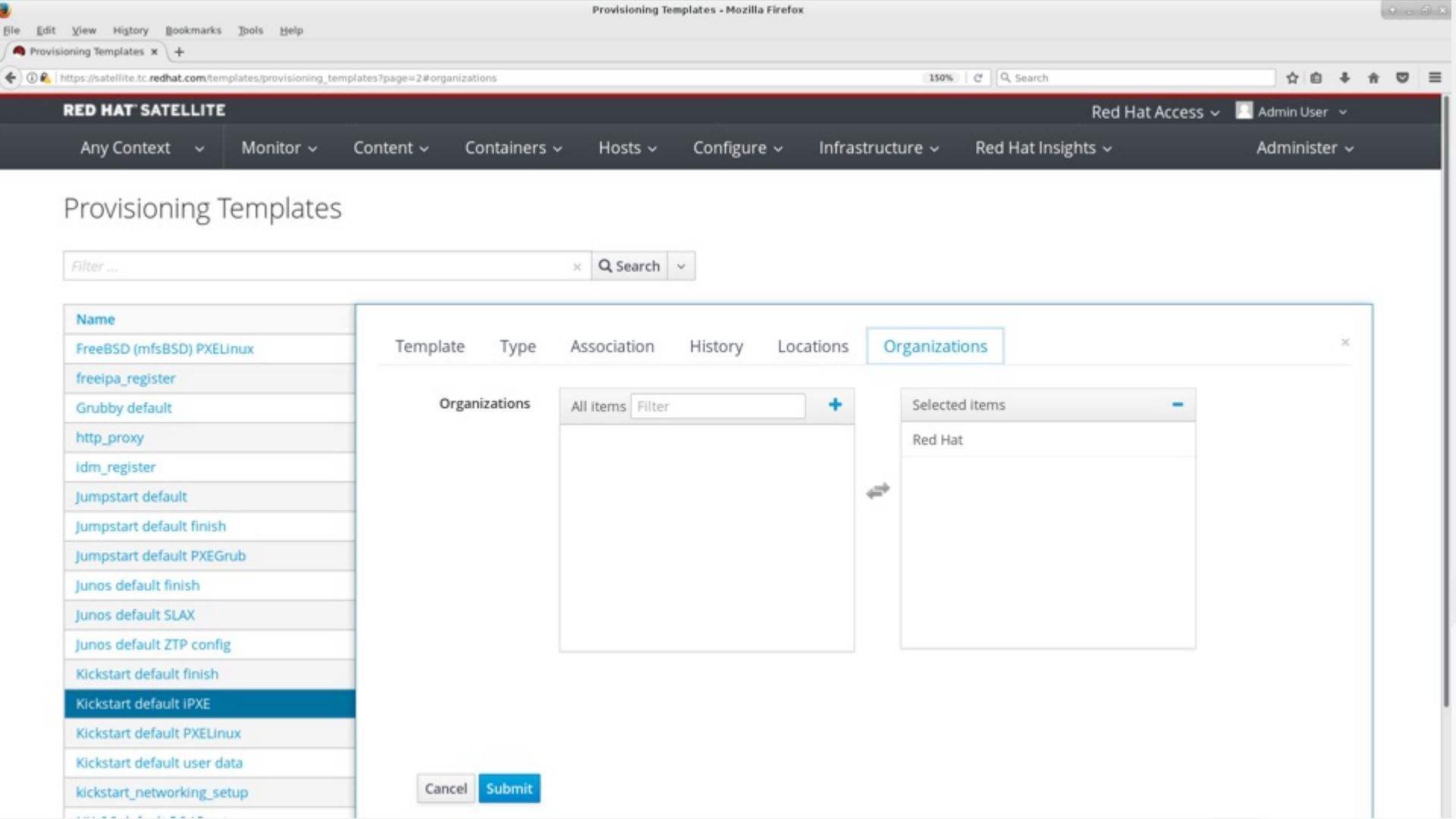
Selected Items



Cancel

Submit





FileEditViewHistoryBookmarksToolsHelp

Provisioning Templates

https://satellite.tc.redhat.com/templates/provisioning_templates?page=2#organizations150%Search

RED HAT SATELLITE

Red Hat AccessAdmin User

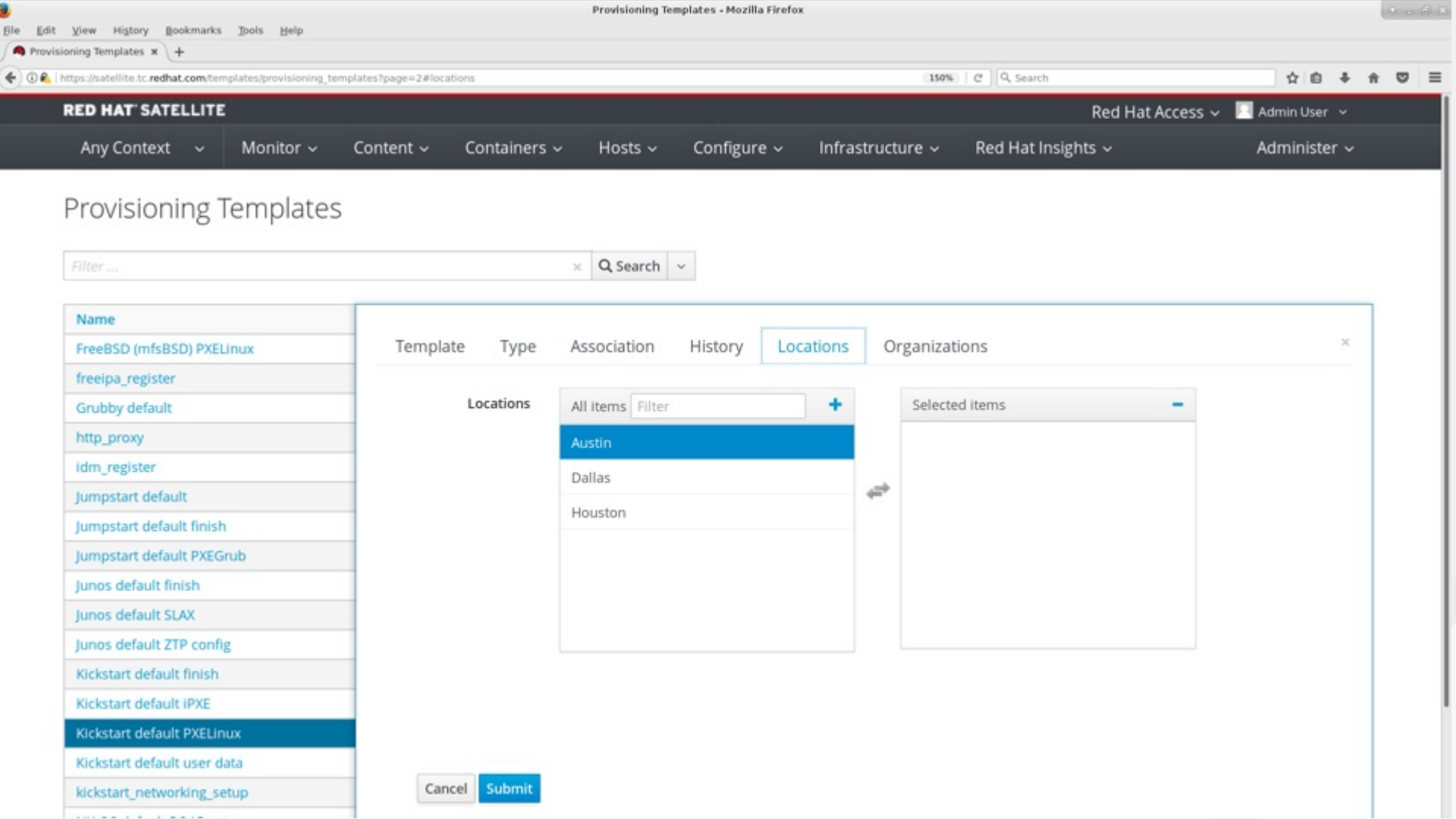
Any ContextMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

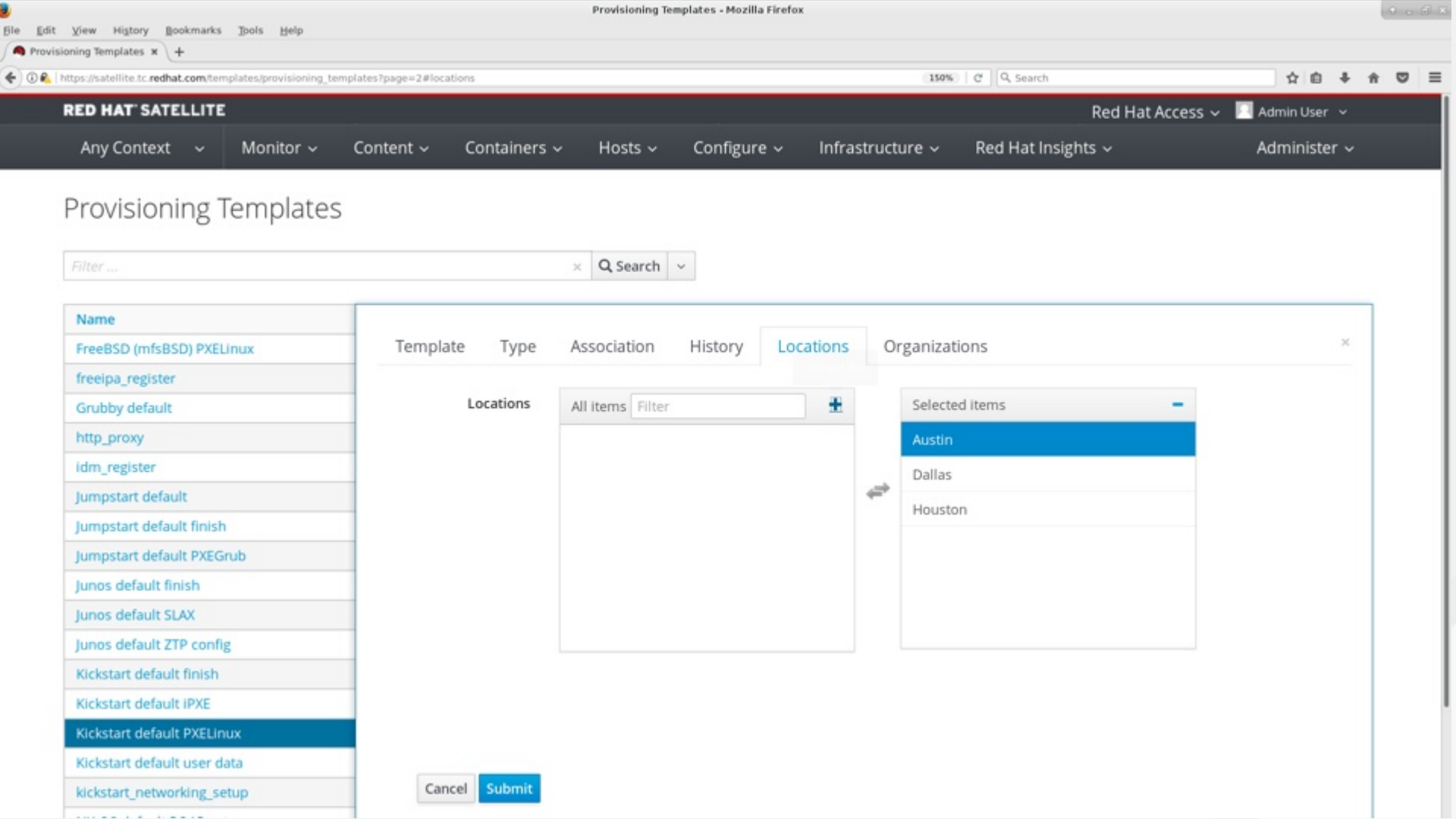
Provisioning Templates

Filter ...Search

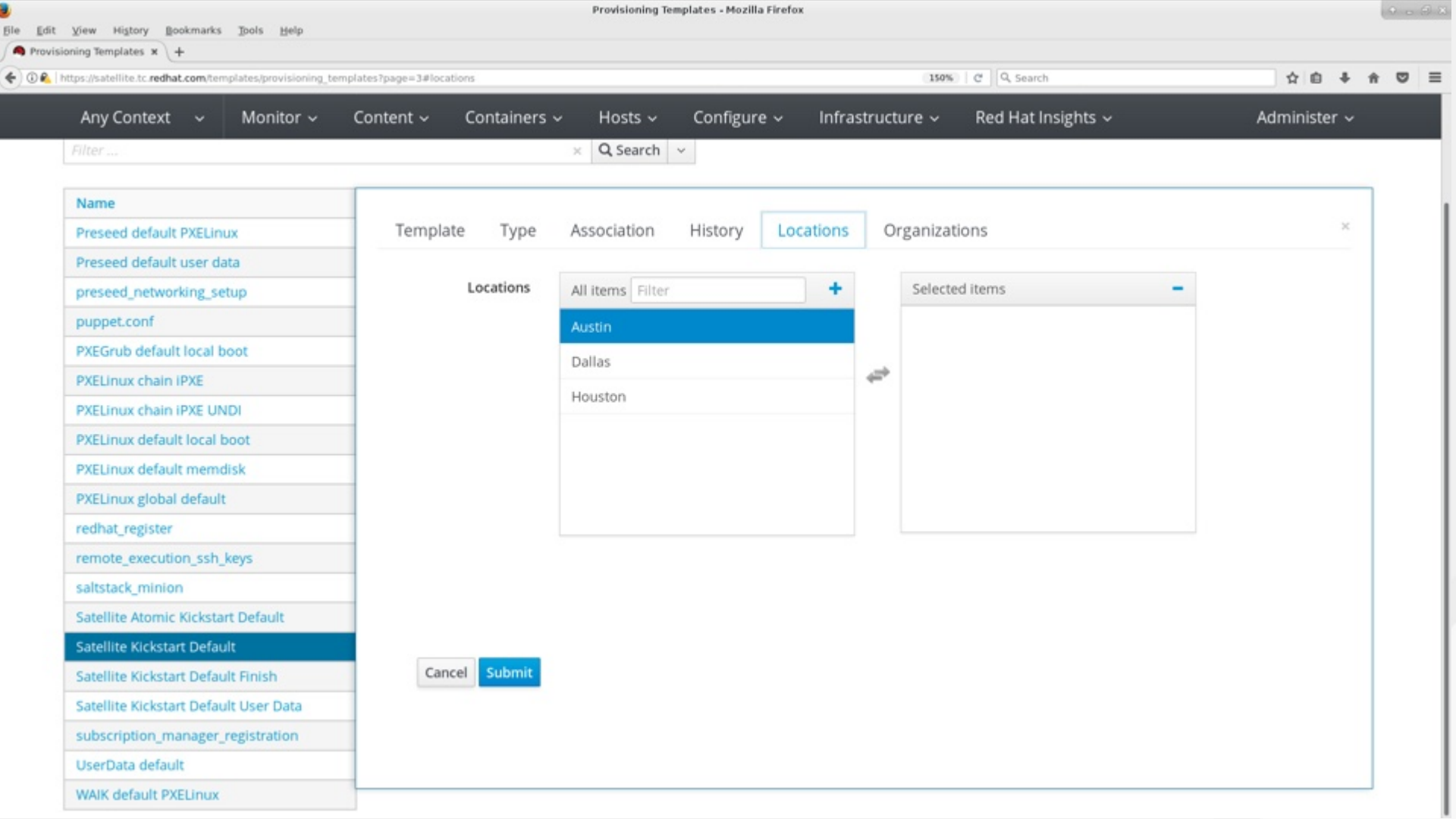
New TemplateBuild PXE DefaultDocumentation

Name	Host group / Environment	Kind	Snippet	Locked	Actions
FreeBSD (mfsBSD) PXELinux		PXELinux template			Clone
freipa_register			✓		Clone
Grubby default		Script template			Clone
http_proxy			✓		Clone
idm_register			✓	🔒	Clone
Jumpstart default		Provisioning template			Clone
Jumpstart default finish		Finish template			Clone
Jumpstart default PXEGrub		PXEGrub template			Clone
Junos default finish		Finish template			Clone
Junos default SLAX		Provisioning template			Clone
Junos default ZTP config		ZTP template			Clone
Kickstart default finish		Finish template			Clone
Kickstart default IPXE		IPXE template			Clone
Kickstart default PXELinux		PXELinux template			Clone
Kickstart default user data		User data template			Clone





Provisioning Templates						
Any Context	Monitor	Content	Containers	Hosts	Configure	Infrastructure
Preseed default user data						User data template
preseed_networking_setup					✓	Clone
puppet.conf					✓	Clone
PXEGrub default local boot						PXEGrub template
PXELinux chain IPXE						PXELinux template
PXELinux chain IPXE UNDI						PXELinux template
PXELinux default local boot						PXELinux template
PXELinux default memdisk						PXELinux template
PXELinux global default						PXELinux template
redhat_register					✓	Clone
remote_execution_ssh_keys					✓	Clone
saltstack_minion					✓	Clone
Satellite Atomic Kickstart Default						Provisioning template
Satellite Kickstart Default						Provisioning template
Satellite Kickstart Default Finish						Finish template
Satellite Kickstart Default User Data						User data template
subscription_manager_registration					✓	Clone
UserData default						User data template
WAIK default PXELinux						PXELinux template



Any Context ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Filter ...

x

Search

▾

Name

Preseed default PXELinux

Preseed default user data

preseed_networking_setup

puppet.conf

PXEGrub default local boot

PXELinux chain IPXE

PXELinux chain IPXE UNDI

PXELinux default local boot

PXELinux default memdisk

PXELinux global default

redhat_register

remote_execution_ssh_keys

saltstack_minion

Satellite Atomic Kickstart Default

Satellite Kickstart Default

Satellite Kickstart Default Finish

Satellite Kickstart Default User Data

subscription_manager_registration

UserData default

WAIK default PXELinux

Template

Type

Association

History

Locations

Organizations

x

Locations

All items

Filter

+

Austin

Dallas

Houston

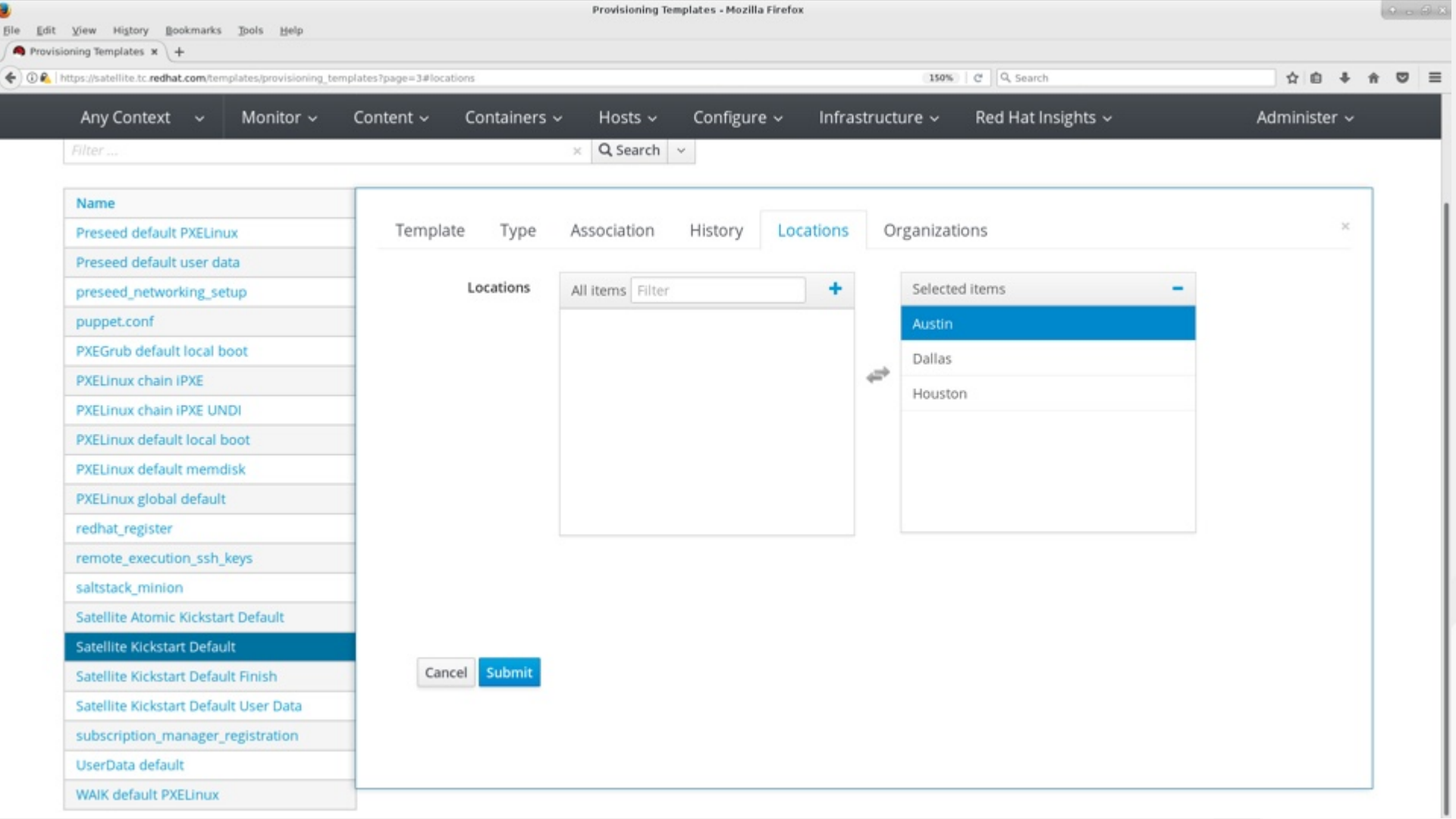


Selected items

-

Cancel

Submit



Any Context ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Filter ...

x

Search

▾

Name

Preseed default PXELinux

Preseed default user data

preseed_networking_setup

puppet.conf

PXEGrub default local boot

PXELinux chain IPXE

PXELinux chain IPXE UNDI

PXELinux default local boot

PXELinux default memdisk

PXELinux global default

redhat_register

remote_execution_ssh_keys

saltstack_minion

Satellite Atomic Kickstart Default

Satellite Kickstart Default

Satellite Kickstart Default Finish

Satellite Kickstart Default User Data

subscription_manager_registration

UserData default

WAIK default PXELinux

Template

Type

Association

History

Locations

Organizations

x

Locations

All items

Filter

+

Selected items

-

Austin

Dallas

Houston



Cancel

Submit

Provisioning Templates - Mozilla Firefox

FileEditViewHistoryBookmarksToolsHelp

Provisioning Templates x +

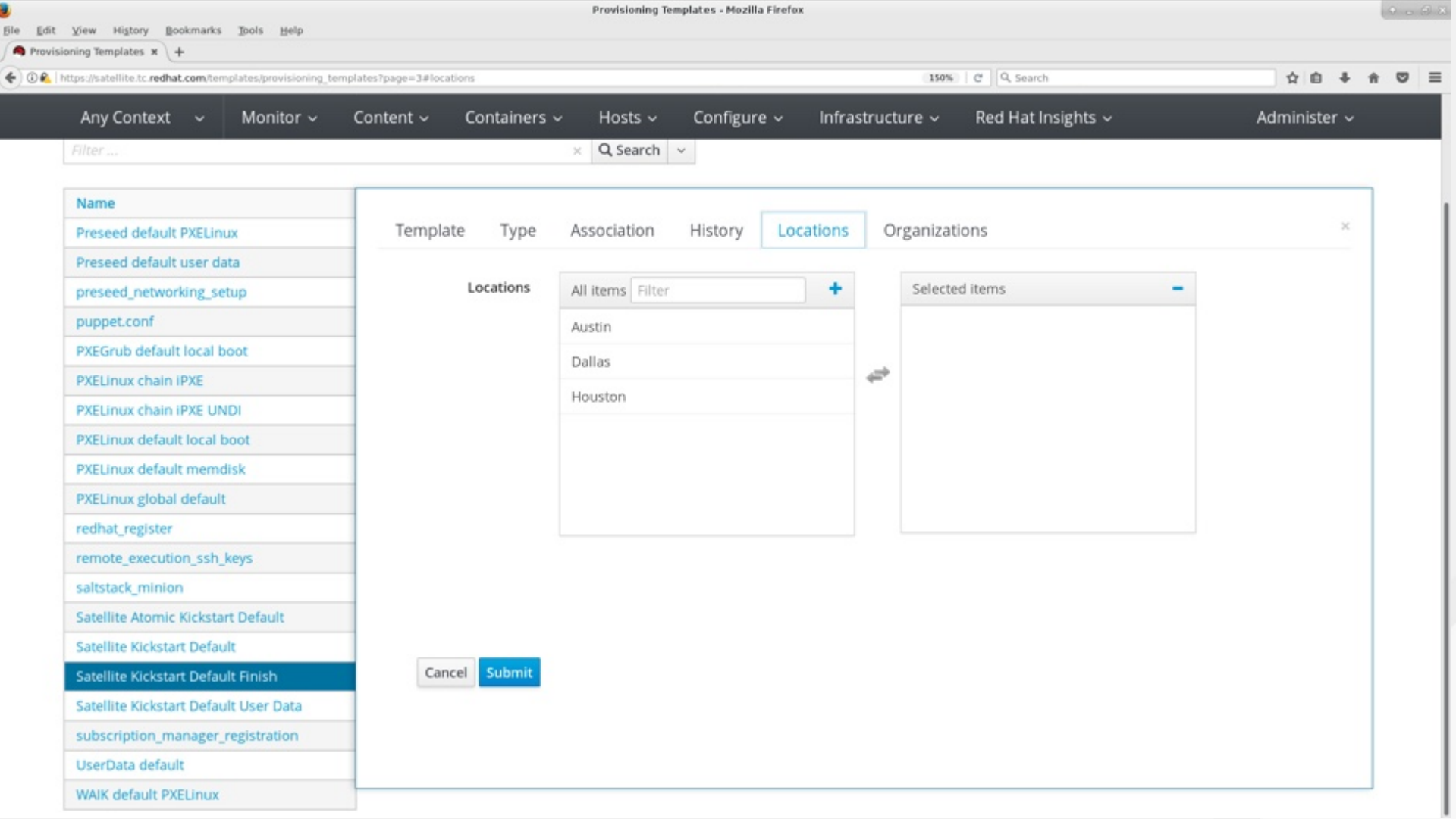
https://satellite.tc.redhat.com/templates/provisioning_templates?page=3#organizations150%Search

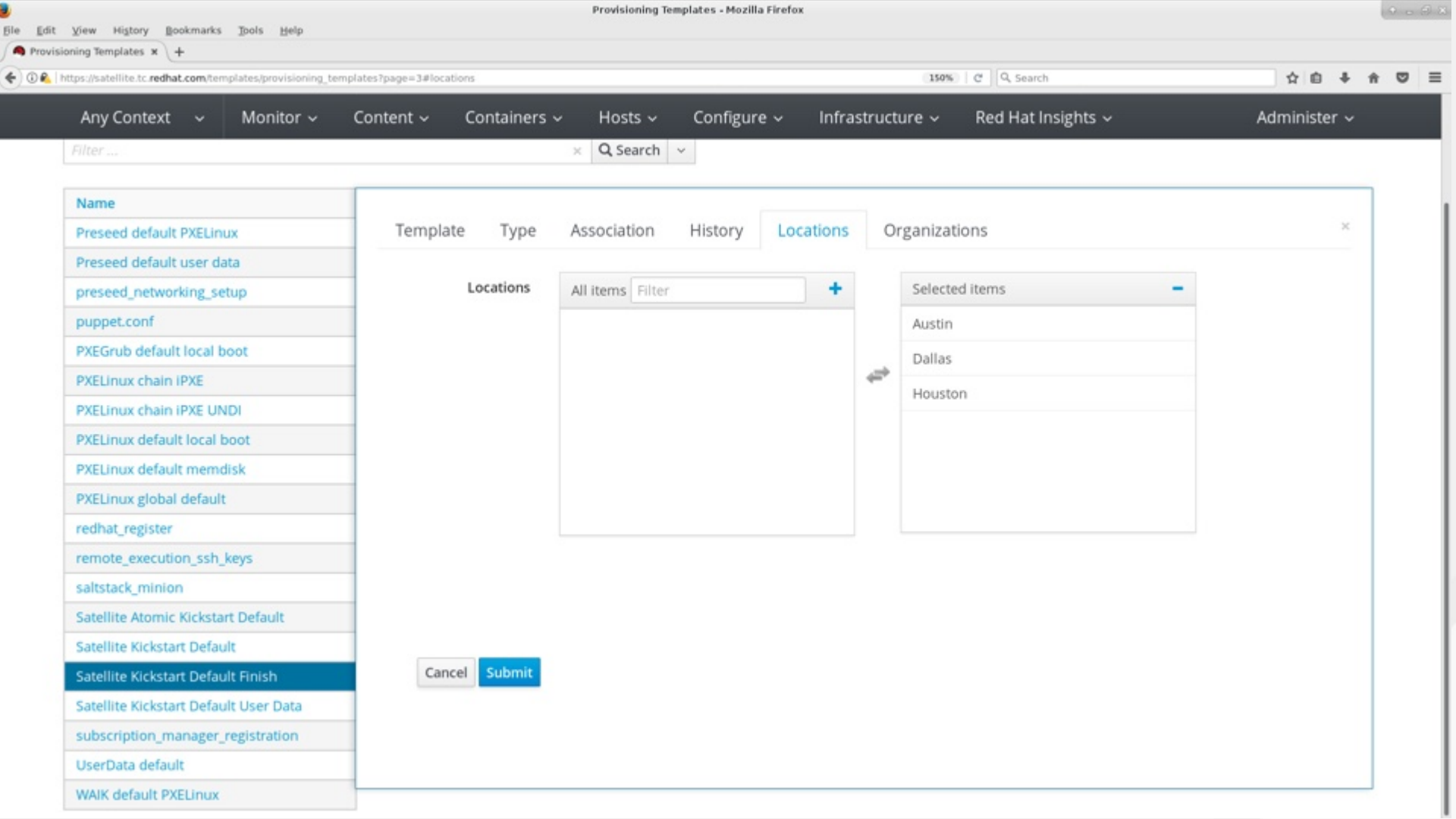
Any ContextMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

preseed_networking_setup			✓		Clone
puppet.conf			✓		Clone
PXEGrub default local boot		PXEGrub template			Clone
PXELinux chain IPXE		PXELinux template			Clone
PXELinux chain IPXE UNDI		PXELinux template			Clone
PXELinux default local boot		PXELinux template			Clone
PXELinux default memdisk		PXELinux template			Clone
PXELinux global default		PXELinux template			Clone
redhat_register			✓		Clone
remote_execution_ssh_keys			✓		Clone
saltstack_minion			✓		Clone
Satellite Atomic Kickstart Default		Provisioning template		🔒	Clone
Satellite Kickstart Default		Provisioning template		🔒	Clone
Satellite Kickstart Default Finish		Finish template		🔒	Clone
Satellite Kickstart Default User Data		User data template		🔒	Clone
subscription_manager_registration			✓	🔒	Clone
UserData default		User data template			Clone
WAIK default PXELinux		PXELinux template			Clone

Displaying entries 41 - 60 of 60 in total

« 1 2 3 »





Any Context ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Filter ...

Q Search ▾

Name

Preseed default PXELinux

Preseed default user data

preseed_networking_setup

puppet.conf

PXEGrub default local boot

PXELinux chain IPXE

PXELinux chain IPXE UNDI

PXELinux default local boot

PXELinux default memdisk

PXELinux global default

redhat_register

remote_execution_ssh_keys

saltstack_minion

Satellite Atomic Kickstart Default

Satellite Kickstart Default

Satellite Kickstart Default Finish

Satellite Kickstart Default User Data

subscription_manager_registration

UserData default

WAIK default PXELinux

Template

Type

Association

History

Locations

Organizations

Locations

All items

Filter

+

Selected items

-

Austin

Dallas

Houston

Cancel

Submit

Administer ▾

Name	Host group / Environment	Kind	Snippet	Locked	Actions
Preseed default PXELinux		PXELinux template			Clone 
Preseed default user data		User data template			Clone 
preseed_networking_setup			✓		Clone 
puppet.conf			✓		Clone 
PXEGrub default local boot		PXEGrub template			Clone 
PXELinux chain IPXE		PXELinux template			Clone 
PXELinux chain IPXE UNDI		PXELinux template			Clone 
PXELinux default local boot		PXELinux template			Clone 
PXELinux default memdisk		PXELinux template			Clone 
PXELinux global default		PXELinux template			Clone 
redhat_register			✓		Clone 
remote_execution_ssh_keys			✓		Clone 
saltstack_minion			✓		Clone 
Satellite Atomic Kickstart Default		Provisioning template			Clone 
Satellite Kickstart Default		Provisioning template			Clone 
Satellite Kickstart Default Finish		Finish template			Clone 
Satellite Kickstart Default User Data		User data template			Clone 
subscription_manager_registration			✓		Clone 
UserData default		User data template			Clone
UserData default PXELinux		PXELinux template			Clone

Provisioning Templates - Mozilla Firefox

FileEditViewHistoryBookmarksToolsHelp

Provisioning Templates x

https://satellite.tc.redhat.com/templates/provisioning_templates?page=3#locations150%Search

Any ContextMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

Provisioning Templates

Filter ...Search

Name

Preseed default PXELinux

Preseed default user data

preseed_networking_setup

puppet.conf

PXEGrub default local boot

PXELinux chain IPXE

PXELinux chain IPXE UNDI

PXELinux default local boot

PXELinux default memdisk

PXELinux global default

redhat_register

remote_execution_ssh_keys

saltstack_minion

Satellite Atomic Kickstart Default

Satellite Kickstart Default

Satellite Kickstart Default Finish

Satellite Kickstart Default User Data

subscription_manager_registration

UserData default

TemplateTypeAssociationHistoryLocationsOrganizations

Locations

All ItemsFilter+

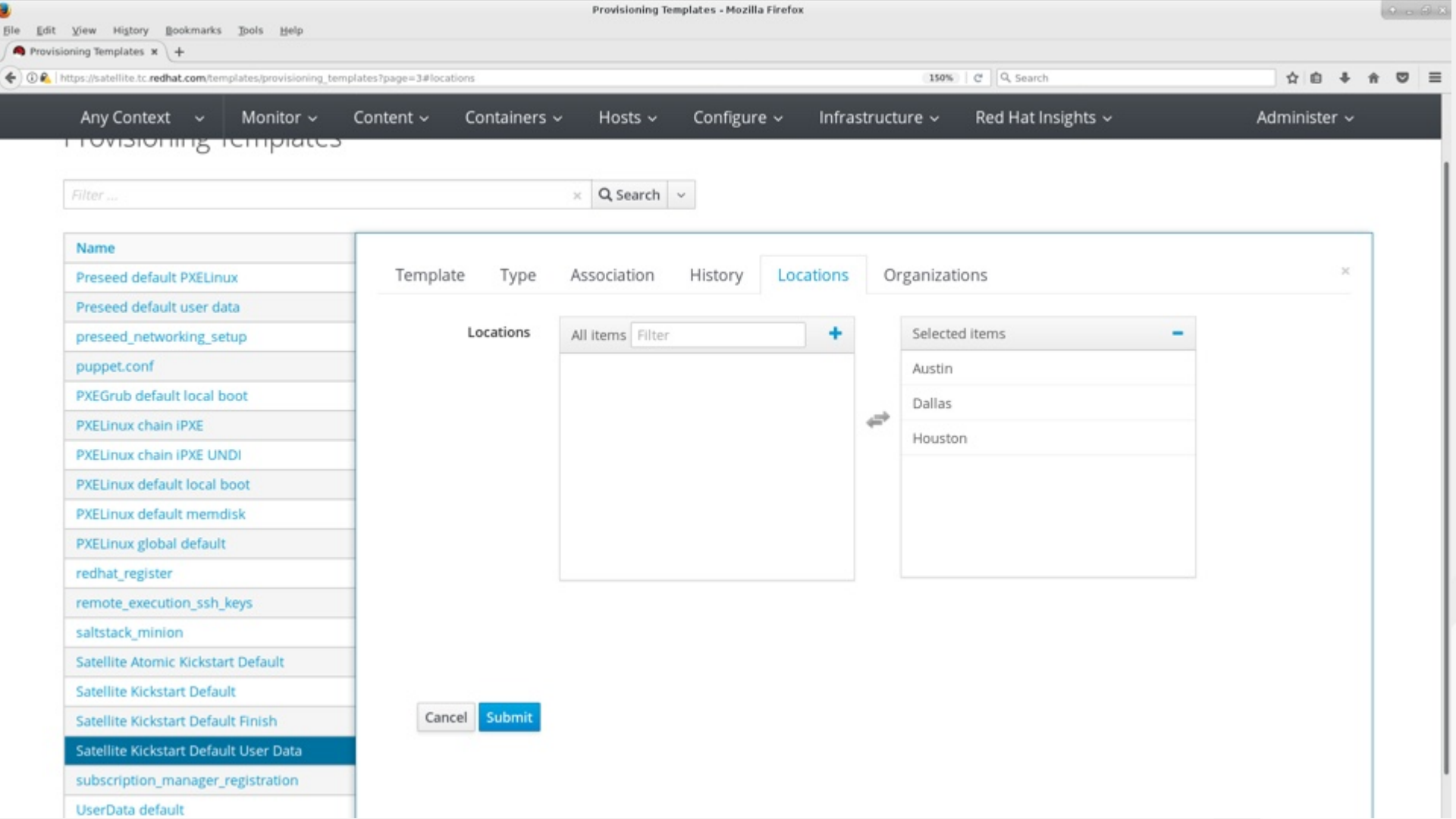
Austin

Dallas

Houston

Selected Items-

CancelSubmit



ACTIVATION KEYS

What are activation keys?

- Activation keys enable a new host to attach to your Satellite and automatically join an environment (Dev, QA, Production), a content view or composite content view, consume the correct subscriptions to products, have the correct repositories available, and join the correct host collections (system groups)

Any Context ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Filter ...

Lifecycle Environments

Red Hat Subscriptions

Activation keys

Red Hat Repositories

Products

GPG keys

Sync Status

Sync Plans

Content Views

Errata

Packages

Puppet Modules

Docker Tags

x Search ▾

New Template

Build PXE Default

Documentation

Name	Comment	Kind	Snippet	Locked	Actions
Preseed default PXELinux		PXELinux template			Clone ▾
Preseed default user data		User data template			Clone ▾
preseed_networking_setup			✓		Clone ▾
puppet.conf			✓		Clone ▾
PXEGrub default local boot		PXEGrub template			Clone ▾
PXELinux chain IPXE		PXELinux template			Clone ▾
PXELinux chain IPXE UNDI		PXELinux template			Clone ▾
PXELinux default local boot		PXELinux template			Clone ▾
PXELinux default memdisk		PXELinux template			Clone ▾
PXELinux global default		PXELinux template			Clone ▾
redhat_register			✓		Clone ▾
remote_execution_ssh_keys			✓		Clone ▾
saltstack_minion			✓		Clone ▾
Satellite Atomic Kickstart Default		Provisioning template		🔒	Clone ▾
Satellite Kickstart Default		Provisioning template		🔒	Clone ▾
Satellite Kickstart Default Finish		Finish template		🔒	Clone ▾
Satellite Kickstart Default User Data		User data template		🔒	Clone ▾
subscription_manager_registration			✓	🔒	Clone ▾
		User data template			Clone ▾

Select an Organization

The page you are attempting to access requires selecting a specific organization.

Please select one from the list below and you will be redirected.

Select an Organization

The page you are attempting to access requires selecting a specific organization.

Please select one from the list below and you will be redirected.

RED HAT SATELLITE

Red Hat Access ▾

Admin User ▾

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

🔍 Search ▾

Showing 0 of 0 (0 Total)

[+ New Activation Key](#)

You currently don't have any Activation Keys, you can add Activation Keys using the button on the right.

Activation Keys

Filter...

Q Search ▾

Showing 0 of 0 (0 Total)

+ New Activation Key



You currently don't have any Activation Keys, you can add Activation Keys using the button on the right.

New Activation Key

✕ Close

Name *

Host Limit Unlimited Hosts: ☒

Description

Environment

☐ Library ☐ Development ☐ Quality Assurance

☐ Production

Content View Please select an environment.

Cancel

Save

Activation Keys

Filter...

Q Search ▾

Showing 0 of 0 (0 Total)

+ New Activation Key



You currently don't have any Activation Keys, you can add Activation Keys using the button on the right.

New Activation Key

✕ Close

Name * Web Development Activation Key

Host Limit Unlimited Hosts: ☒

Description

Environment

☐ Library☒ Development☐ Quality Assurance☐ Production

Content View

drupal7 server CCV

Cancel

Save

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

+ New Activation Key

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

📄 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web Development Activation Key"

Name Web Development Activation Key



Description



Host Limit Unlimited



Service Level



Activation Key Content

Release Version



Environment

☐ Library☒ Development☐ Quality Assurance☐ Production

Content View

drupal7 server CCV



Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

+ New Activation Key

Name

Web Development Activation Key >

Activation Key: Web Development Activation Key

Remove

Copy Activation Key

Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web Development Activation Key"

Name Web Development Activation Key Description Host Limit Unlimited Service Level 

Activation Key Content

Release Version

Save

Cancel

Environment

☐ Library☒ Development☐ Quality Assurance☐ Production

Content View

dnal7 server CCV



Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

+ New Activation Key

Name

Web Development Activation Key >

Activation Key: Web Development Activation Key

Remove

Copy Activation Key

Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web Development Activation Key"

Name Web Development Activation Key



Description



Host Limit Unlimited



Service Level



Activation Key Content

Release Version

7.3

Save

Cancel

Environment

☐ Library☒ Development☐ Quality Assurance☐ Production

Content View

dnal7 server CCV



Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

+ New Activation Key

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

📋 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾



Activation Key updated



This activation key may be used during system registration. For example:

subscription-manager register --org="Red_Hat" --activationkey="Web Development Activation Key"

Name Web Development Activation Key ✎

Description ✎

Host Limit Unlimited ✎

Service Level ✎

Activation Key Content

Release Version 7.3 ✎ ✕

Environment

☐ Library☒ Development☐ Quality Assurance☐ Production

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

[+ New Activation Key](#)

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

[Copy Activation Key](#)

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Activation Key Type:

Auto-Attach

Yes



When Auto Attach is enabled, registering systems will be attached to all associated custom products and only associated Red Hat subscriptions required to satisfy the system's installed products.

[List/Remove](#)[Add](#)

Filter

Showing 0 of 0 (0 Total)

0 Selected

[Remove Selected](#)

You currently don't have any Subscriptions associated with this Activation Key, you can add Subscriptions after selecting the 'Add' tab.

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

[+ New Activation Key](#)

Name

Web Development Activation Key >

Activation Key: Web Development Activation Key

Remove

[Copy Activation Key](#)

✕ Close

Details

[Subscriptions](#)

Product Content

Host Collections

Associations ▾

Activation Key Type:

Auto-Attach

Yes



When Auto Attach is enabled, registering systems will be attached to all associated custom products and only associated Red Hat subscriptions required to satisfy the system's installed products.

List/Remove

[Add](#)

Search...



Showing 3 of 3 (3 Total)

0 Selected

[Add Selected](#)

☐	Quantity	Attached	Type	Starts	Expires	Support Level	Contract	Account
--------------------------	----------	----------	------	--------	---------	---------------	----------	---------

[Employee SKU](#)

☐	1	0 out of 10	Physical	12/5/16	12/5/17	Self-Support	11205075	739897
--------------------------	---	-------------	----------	---------	---------	--------------	----------	--------

Activation Keys

Filter...

Q Search ⌵

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key >

When Auto Attach is enabled, registering systems will be attached to all associated custom products and only associated Red Hat subscriptions required to satisfy the system's installed products.

List/Remove

Add

Search...

Q

Showing 3 of 3 (3 Total)

3 Selected

Add Selected

☒	Quantity	Attached	Type	Starts	Expires	Support Level	Contract	Account
Employee SKU								
☒	1	0 out of 10	Physical	12/5/16	12/5/17	Self-Support	11205075	739897
Extra Packages for Enterprise Linux 7								
☒	1	0 out of Unlimited	Physical	4/23/17	4/16/47			
Puppet MOTD								
☒	1	0 out of Unlimited	Physical	4/23/17	4/16/47			

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key >

Activation Key Type:

Auto-Attach

Yes



When Auto Attach is enabled, registering systems will be attached to all associated custom products and only associated Red Hat subscriptions required to satisfy the system's installed products.

List/Remove

Add

Search...



Showing 0 of 0 (0 Total)

3 Selected

Add Selected



You currently don't have any Products to subscribe to, you can add Products after selecting 'Products' under 'Content' in the main menu

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key >

Activation Key: Web Development Activation Key

Remove

📄 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Activation Key Type:

Auto-Attach

Yes



When Auto Attach is enabled, registering systems will be attached to all associated custom products and only associated Red Hat subscriptions required to satisfy the system's installed products.

List/Remove

Add

Filter

Showing 3 of 3 (3 Total)

0 Selected

Remove Selected

☐	Quantity	Attached	Type	Starts	Expires	Support Level	Contract	Account
--------------------------	----------	----------	------	--------	---------	---------------	----------	---------

Employee SKU

☐	1	0 out of 10	Physical	12/5/16	12/5/17	Self-Support	11205075	739897
--------------------------	---	-------------	----------	---------	---------	--------------	----------	--------

Extra Packages for Enterprise Linux 7

☐	1	0 out of	Physical	4/23/17	4/16/47			
--------------------------	---	----------	----------	---------	---------	--	--	--

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key >

Activation Key: Web Development Activation Key

Remove

📋 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Below are the repository content sets currently available for this activation key through its subscriptions. For Red Hat subscriptions, additional content can be made available through the [Red Hat Repositories page](#). Changing default settings for content hosts that register with this activation key requires subscription-manager version 1.10 or newer to be installed on that host.

— Red Hat OpenShift Container Platform

Red Hat OpenShift Container Platform 3.5 (RPMs)

Enabled?

No (Default)



— Red Hat Enterprise Linux Server

Red Hat Satellite Tools 6.2 (For RHEL 7 Server) (RPMs)

Enabled?

No (Default)

Red Hat Enterprise Linux 7 Server - Optional (RPMs)

Enabled?

No (Default)

Red Hat Enterprise Linux 7 Server (Kickstart)

Enabled?

No (Default)



Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key >

Activation Key: Web Development Activation Key

Remove

Copy Activation Key

Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Below are the repository content sets currently available for this activation key through its subscriptions. For Red Hat subscriptions, additional content can be made available through the [Red Hat Repositories page](#). Changing default settings for content hosts that register with this activation key requires subscription-manager version 1.10 or newer to be installed on that host.

— Red Hat OpenShift Container Platform

Red Hat OpenShift Container Platform 3.5 (RPMs)

Enabled?

No (Default)



— Red Hat Enterprise Linux Server

Red Hat Satellite Tools 6.2 (For RHEL 7 Server) (RPMs)

Enabled?

No (Default)

Red Hat Enterprise Linux 7 Server - Optional (RPMs)

Enabled?

No (Default)

Save

Cancel

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key >

Activation Key: Web Development Activation Key

Remove

📋 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Below are the repository content sets currently available for this activation key through its subscriptions. For Red Hat subscriptions, additional content can be made available through the [Red Hat Repositories page](#). Changing default settings for content hosts that register with this activation key requires subscription-manager version 1.10 or newer to be installed on that host.

— Red Hat OpenShift Container Platform

Red Hat OpenShift Container Platform 3.5 (RPMs)

Enabled?

No (Default)



— Red Hat Enterprise Linux Server

Red Hat Satellite Tools 6.2 (For RHEL 7 Server) (RPMs)

Enabled?

No (Default)

Red Hat Enterprise Linux 7 Server - Optional (RPMs)

Enabled?

Override to Yes

Save

Cancel

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

Copy Activation Key

Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Below are the repository content sets currently available for this activation key through its subscriptions. For Red Hat subscriptions, additional content can be made available through the [Red Hat Repositories page](#). Changing default settings for content hosts that register with this activation key requires subscription-manager version 1.10 or newer to be installed on that host.



Updated override to "Override to Yes".



— Red Hat OpenShift Container Platform

Red Hat OpenShift Container Platform 3.5 (RPMs)

Enabled?

No (Default)



— Red Hat Enterprise Linux Server

Red Hat Satellite Tools 6.2 (For RHEL 7 Server) (RPMs)

Enabled?

No (Default)

Red Hat Enterprise Linux 7 Server - Optional (RPMs)

Enabled?

No (Default)



Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Search ▾

Showing 1 of 1 (1 Total)

0 Selected

[+ New Activation Key](#)

Name

Web Development Activation Key >

Red Hat OpenShift Container Platform 3.5 (RPMs)

Enabled?

No (Default)



- Red Hat Enterprise Linux Server

Red Hat Satellite Tools 6.2 (For RHEL 7 Server) (RPMs)

Enabled?

Override to Yes

Save

Cancel

Red Hat Enterprise Linux 7 Server - Optional (RPMs)

Enabled?

Override to Yes

Red Hat Enterprise Linux 7 Server (Kickstart)

Enabled?

No (Default)

Red Hat Enterprise Linux 7 Server - Extras (RPMs)

Enabled?

No (Default)

Red Hat Enterprise Linux 7 Server - RH Common (RPMs)

Enabled?

No (Default)

Red Hat Enterprise Linux 7 Server (RPMs)

Enabled?

Yes (Default)

Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Search ▾

Showing 1 of 1 (1 Total)

0 Selected

[+ New Activation Key](#)

Name			
Web Development Activation Key >	Red Hat Enterprise Linux 7 Server (RPMs)	Enabled?	Yes (Default) 
	Red Hat Enterprise Linux 7 Server - Supplementary (RPMs)	Enabled?	No (Default) 
	— Red Hat Enterprise Linux Resilient Storage for RHEL Server		
	Red Hat Enterprise Linux Resilient Storage (For RHEL 7 Server) (RPMs)	Enabled?	No (Default) 
	— Red Hat Enterprise Linux High Availability for RHEL Server		
	Red Hat Enterprise Linux High Availability (For RHEL 7 Server) (RPMs)	Enabled?	No (Default) 
	— Red Hat Enterprise Linux Fast Datapath		
	Red Hat Enterprise Linux Fast Datapath (RHEL 7 Server) (RPMs)	Enabled?	Yes (Default) 
	— Puppet MOTD		
	Puppet MOTD Repo	Enabled?	Yes (Default) 
	— Extra Packages for Enterprise Linux 7		
	EPEL Repo	Enabled?	Yes (Default) 

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

[+ New Activation Key](#)

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

[Copy Activation Key](#)

✕ Close

Details

Subscriptions

Product Content

[Host Collections](#)

Associations ▾

Host Collection Management

[List/Remove](#)[Add](#)

Filter

0 Selected

[Remove Selected](#)

No host collections

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

📋 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Host Collection Management

List/Remove

Add

Filter

0 Selected

Add Selected

☐	Name	Description	Capacity
☐	Web Server Dev HC		0 / Unlimited
☐	Web Server Prod HC		0 / Unlimited
☐	Web Server QA HC		0 / Unlimited

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

📋 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Host Collection Management

List/Remove

Add

Filter

1 Selected

Add Selected

☐	Name	Description	Capacity
☒	Web Server Dev HC		0 / Unlimited
☐	Web Server Prod HC		0 / Unlimited
☐	Web Server QA HC		0 / Unlimited

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

[+ New Activation Key](#)

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

[Copy Activation Key](#)

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Host Collection Management

List/Remove

[Add](#)

Added 1 host collections to activation key "Web Development Activation Key".



Filter

0 Selected

[Add Selected](#)

☐	Name	Description	Capacity
☐	Web Server Prod HC		0 / Unlimited
☐	Web Server QA HC		0 / Unlimited

RED HAT SATELLITE

Red Hat Access ▾ Admin User ▾

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

📄 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Host Collection Management

List/Remove

Add

Filter

0 Selected

Remove Selected

☐	Name	Description	Capacity
☐	Web Server Dev HC		0 / Unlimited

Activation Keys

Filter...

Q Search

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name	Host Limit	Environment	Content View
Web Development Activation Key	0 out of Unlimited	Development	drupal7 server CCV

Activation Keys

Filter...

Q Search ▾

Showing 1 of 1 (1 Total)

0 Selected

+ New Activation Key

Name

Web Development Activation Key ▶

Activation Key: Web Development Activation Key

Remove

Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web Development Activation Key"

Name Web Development Activation Key



Description



Host Limit Unlimited



Service Level



Activation Key Content

Release Version 7.3



Environment

☐ Library☒ Development☐ Quality Assurance☐ Production

Content View

drupal7 server CCV



Activation Keys

Filter...

Q Search ▾

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Activation Key: Web QA Activation Key

Remove

Copy Activation Key

Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web QA Activation Key"

Name Web QA Activation Key



Description



Host Limit Unlimited



Service Level



Activation Key Content

Release Version 7.3



Environment

☐ Library☒ Development☐ Quality Assurance☐ Production

Content View

drupal7 server CCV



Activation Keys

Filter...

Q Search ▾

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Activation Key: Web QA Activation Key

Remove

📄 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web QA Activation Key"

Name Web QA Activation Key



Description



Host Limit Unlimited



Service Level



Activation Key Content

Release Version 7.3



You must select a new content view before your change of environment can be saved. Use the cancel button on content view selection to revert your environment selection.

Environment

Library

Development

Quality Assurance

Production

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Q Search ▾

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Details

Subscriptions

Product Content

Host Collections

Associations ▾

This activation key may be used during system registration. For example:
subscription-manager register --org="Red_Hat" --activationkey="Web QA Activation Key"

Name Web QA Activation Key



Description



Host Limit Unlimited



Service Level



Activation Key Content

Release Version 7.3



You must select a new content view before your change of environment can be saved. Use the cancel button on content view selection to revert your environment selection.

Environment

Library

Development

Quality Assurance

Production

Content View

drupal7 server CCV

Save

Cancel

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

Q Search ▾

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Activation Key: Web QA Activation Key

Remove

Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾



Activation Key updated



This activation key may be used during system registration. For example:

subscription-manager register --org="Red_Hat" --activationkey="Web QA Activation Key"

Name Web QA Activation Key



Description



Host Limit Unlimited



Service Level



Activation Key Content

Release Version 7.3



Environment

☐ Library☐ Development☒ Quality Assurance☐ Production

Activation Keys

Filter...

🔍 Search ▾

Showing 2 of 2 (2 Total)

0 Selected

[+ New Activation Key](#)

Name

[Web QA Activation Key >](#)[Web Development Activation Key](#)

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Activation Key Type:

Auto-Attach

Yes



When Auto Attach is enabled, registering systems will be attached to all associated custom products and only associated Red Hat subscriptions required to satisfy the system's installed products.

[List/Remove](#)[Add](#)

Filter

Showing 3 of 3 (3 Total)

0 Selected

[Remove Selected](#)

☐	Quantity	Attached	Type	Starts	Expires	Support Level	Contract	Account
--------------------------	----------	----------	------	--------	---------	---------------	----------	---------

[Employee SKU](#)

☐	1	0 out of 10	Physical	12/5/16	12/5/17	Self-Support	11205075	739897
--------------------------	---	-------------	----------	---------	---------	--------------	----------	--------

[Extra Packages for Enterprise Linux 7](#)

☐	1	0 out of 10	Physical	4/23/17	4/16/47			
--------------------------	---	-------------	----------	---------	---------	--	--	--

Activation Keys

Filter...

Q Search

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Activation Key: Web QA Activation Key

Remove

Copy Activation Key

Close

Details

Subscriptions

Product Content

Host Collections

Associations

Below are the repository content sets currently available for this activation key through its subscriptions. For Red Hat subscriptions, additional content can be made available through the [Red Hat Repositories page](#). Changing default settings for content hosts that register with this activation key requires subscription-manager version 1.10 or newer to be installed on that host.

Red Hat OpenShift Container Platform

[Red Hat OpenShift Container Platform 3.5 \(RPMs\)](#)

Enabled?

No (Default)



Red Hat Enterprise Linux Server

[Red Hat Satellite Tools 6.2 \(For RHEL 7 Server\) \(RPMs\)](#)

Enabled?

Override to Yes

[Red Hat Enterprise Linux 7 Server - Optional \(RPMs\)](#)

Enabled?

Override to Yes

[Red Hat Enterprise Linux 7 Server \(Kickstart\)](#)

Activation Keys

Filter...

Q Search ▾

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Activation Key: Web QA Activation Key

Remove

📄 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Host Collection Management

List/Remove

Add

Filter

0 Selected

Remove Selected



Name

Description

Capacity



Web Server Dev HC

0 / Unlimited

RED HAT SATELLITE

Red Hat Access ▾

Admin User ▾

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation Keys

Filter...

🔍 Search ▾

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Activation Key: Web QA Activation Key

Remove

📋 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Host Collection Management

List/Remove

Add



Removed 1 host collections from activation key "Web QA Activation Key".



Filter

0 Selected

Remove Selected

No host collections

Activation Keys

Filter...

Q Search ▾

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Activation Key: Web QA Activation Key

Remove

📄 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Host Collection Management

List/Remove

Add

Filter

1 Selected

Add Selected

☐	Name	Description	Capacity
☐	Web Server Dev HC		0 / Unlimited
☐	Web Server Prod HC		0 / Unlimited
☒	Web Server QA HC		0 / Unlimited

Activation Keys

Filter...

Q Search ▾

Showing 2 of 2 (2 Total)

0 Selected

[+ New Activation Key](#)

Name

[Web QA Activation Key >](#)[Web Development Activation Key](#)

Activation Key: Web QA Activation Key

Remove

[Copy Activation Key](#)

✕ Close

Details

Subscriptions

Product Content

[Host Collections](#)

Associations ▾

Host Collection Management

List/Remove

[Add](#)

Added 1 host collections to activation key "Web QA Activation Key".



Filter

0 Selected

[Add Selected](#)

☐	Name	Description	Capacity
☐	Web Server Dev HC		0 / Unlimited
☐	Web Server Prod HC		0 / Unlimited

Activation Keys

Filter...

Q Search ▾

Showing 2 of 2 (2 Total)

0 Selected

+ New Activation Key

Name

Web QA Activation Key >

Web Development Activation Key

Activation Key: Web QA Activation Key

Remove

📄 Copy Activation Key

✕ Close

Details

Subscriptions

Product Content

Host Collections

Associations ▾

Host Collection Management

List/Remove

Add

Filter

0 Selected

Remove Selected

☐	Name	Description	Capacity
☐	Web Server QA HC		0 / Unlimited

Activation Keys

Filter...

Q Search

Showing 3 of 3 (3 Total)

[+ New Activation Key](#)

Name	Host Limit	Environment	Content View
Web Development Activation Key	0 out of Unlimited	Development	drupal7 server CCV
Web Production Activation Key	0 out of Unlimited	Production	drupal7 server CCV
Web QA Activation Key	0 out of Unlimited	Quality Assurance	drupal7 server CCV

HOST GROUPS

What are host groups?

- Host groups are logical groupings of hosts, but for configuration management (puppet) and provisioning. Host collections, discussed earlier, are for grouping systems for administrative tasks. This is a side effect of using puppet for configuration management and katello for system management.

RED HAT SATELLITE

Red Hat Access

Admin User

Red Hat

Monitor

Content

Containers

Hosts

Configure

Infrastructure

Red Hat Insights

Administer

Activation Keys

 Showing 3 of 3 (3 Total)

Name	Host Limit
Web Development Activation Key	0 out of Unlimited
Web Production Activation Key	0 out of Unlimited
Web QA Activation Key	0 out of Unlimited

- Host groups
- Discovery rules
- Global parameters
- PUPPET
- Environments
- Classes
- Config groups
- Smart variables
- Smart class parameters

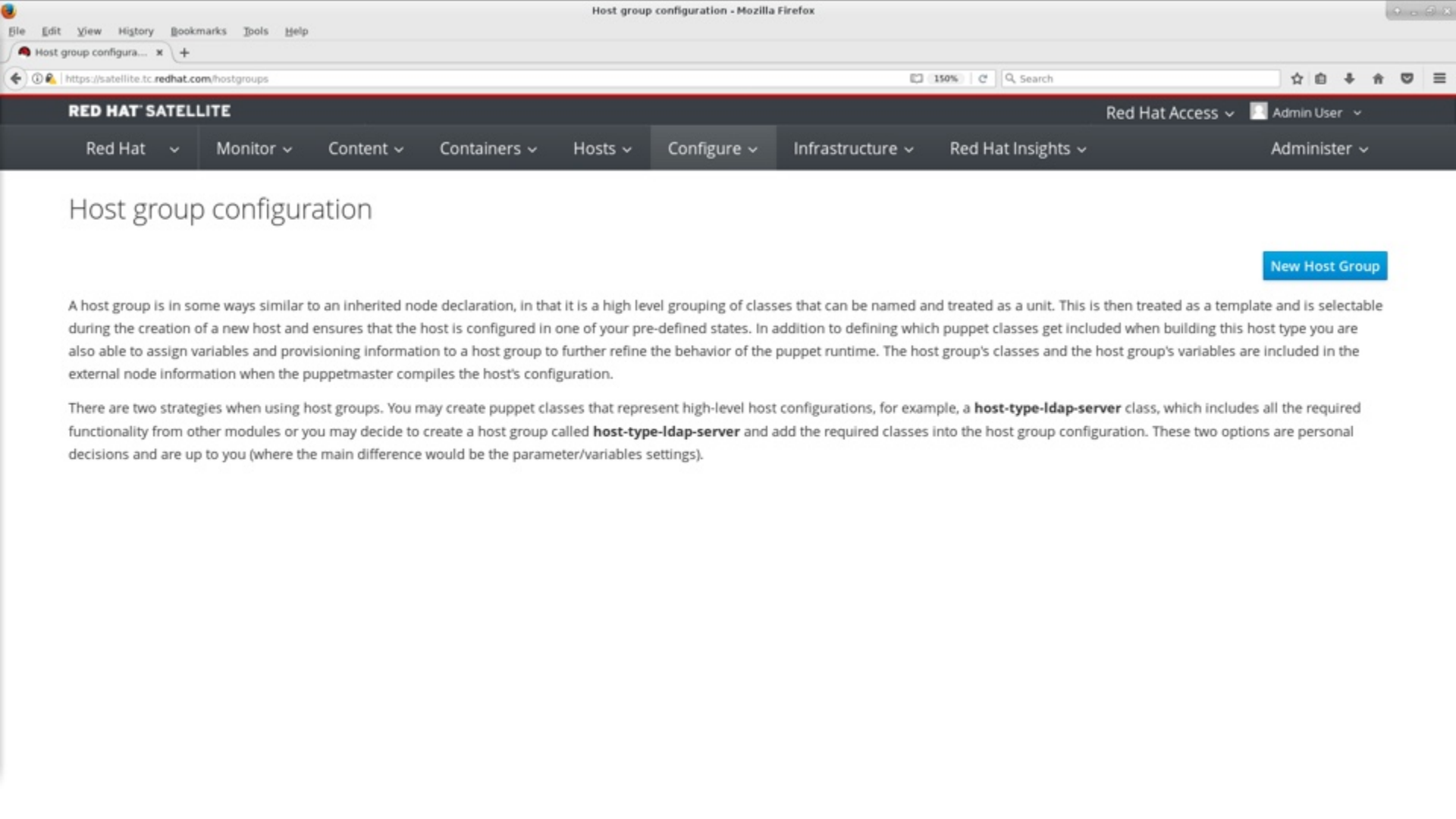
[+ New Activation Key](#)

Content View

drupal7 server CCV

drupal7 server CCV

drupal7 server CCV

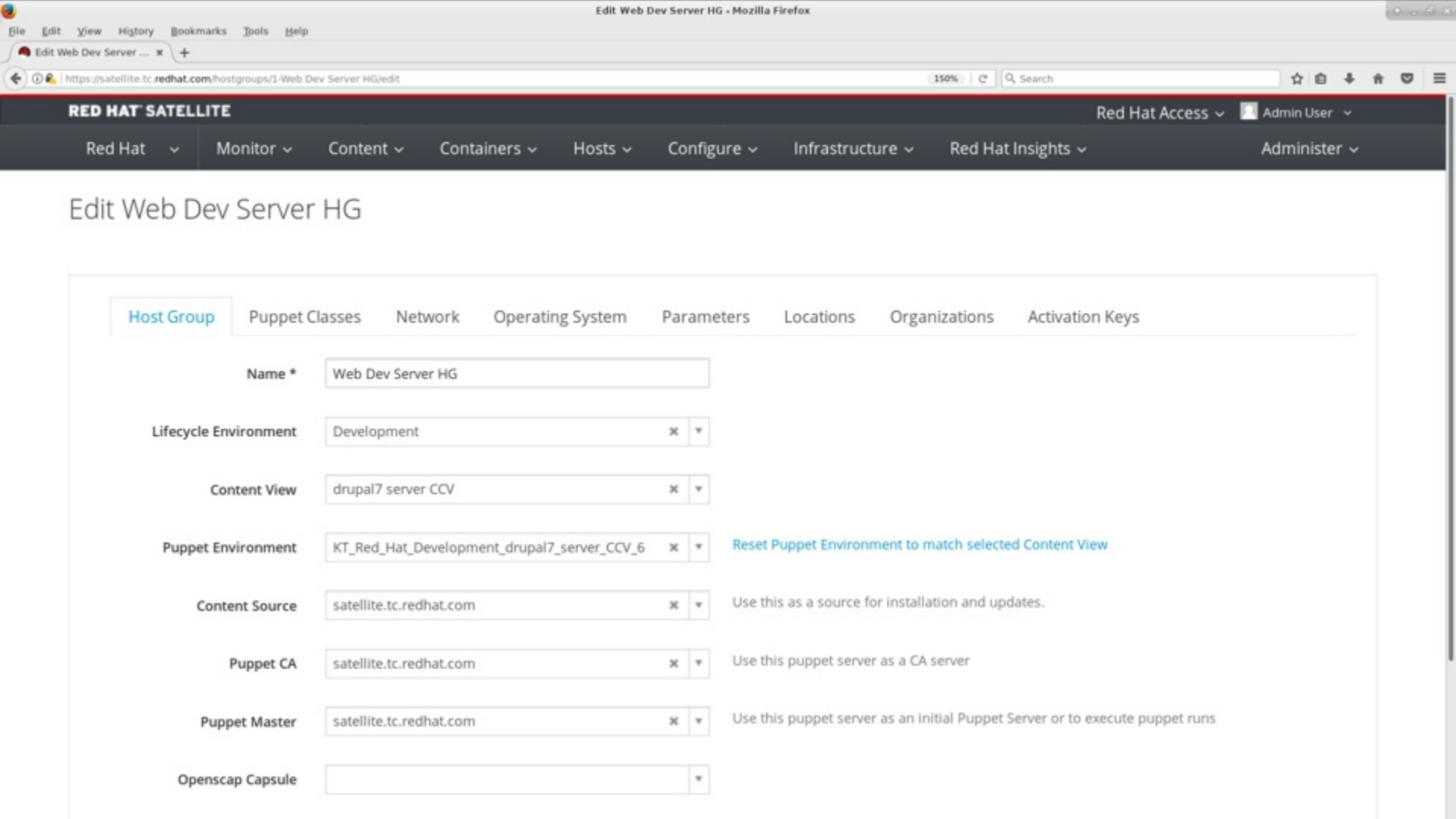


Host group configuration

[New Host Group](#)

A host group is in some ways similar to an inherited node declaration, in that it is a high level grouping of classes that can be named and treated as a unit. This is then treated as a template and is selectable during the creation of a new host and ensures that the host is configured in one of your pre-defined states. In addition to defining which puppet classes get included when building this host type you are also able to assign variables and provisioning information to a host group to further refine the behavior of the puppet runtime. The host group's classes and the host group's variables are included in the external node information when the puppetmaster compiles the host's configuration.

There are two strategies when using host groups. You may create puppet classes that represent high-level host configurations, for example, a **host-type-ldap-server** class, which includes all the required functionality from other modules or you may decide to create a host group called **host-type-ldap-server** and add the required classes into the host group configuration. These two options are personal decisions and are up to you (where the main difference would be the parameter/variables settings).



Edit Web Dev Server HG

Host Group

Puppet Classes

Network

Operating System

Parameters

Locations

Organizations

Activation Keys

Name * Web Dev Server HG

Lifecycle Environment Development

Content View drupal7 server CCV

Puppet Environment KT_Red_Hat_Development_drupal7_server_CCV_6

[Reset Puppet Environment to match selected Content View](#)

Content Source satellite.tc.redhat.com

Use this as a source for installation and updates.

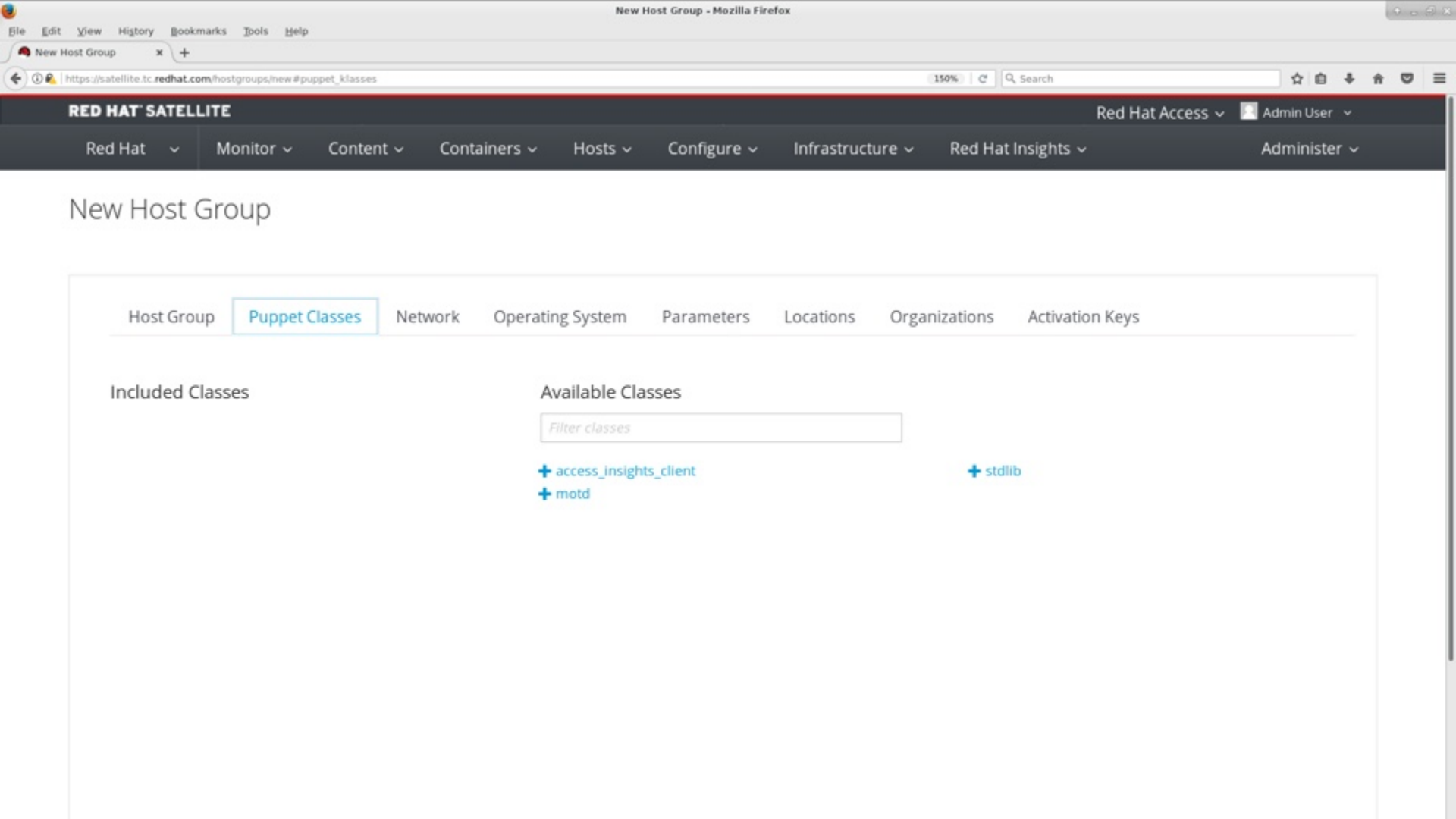
Puppet CA satellite.tc.redhat.com

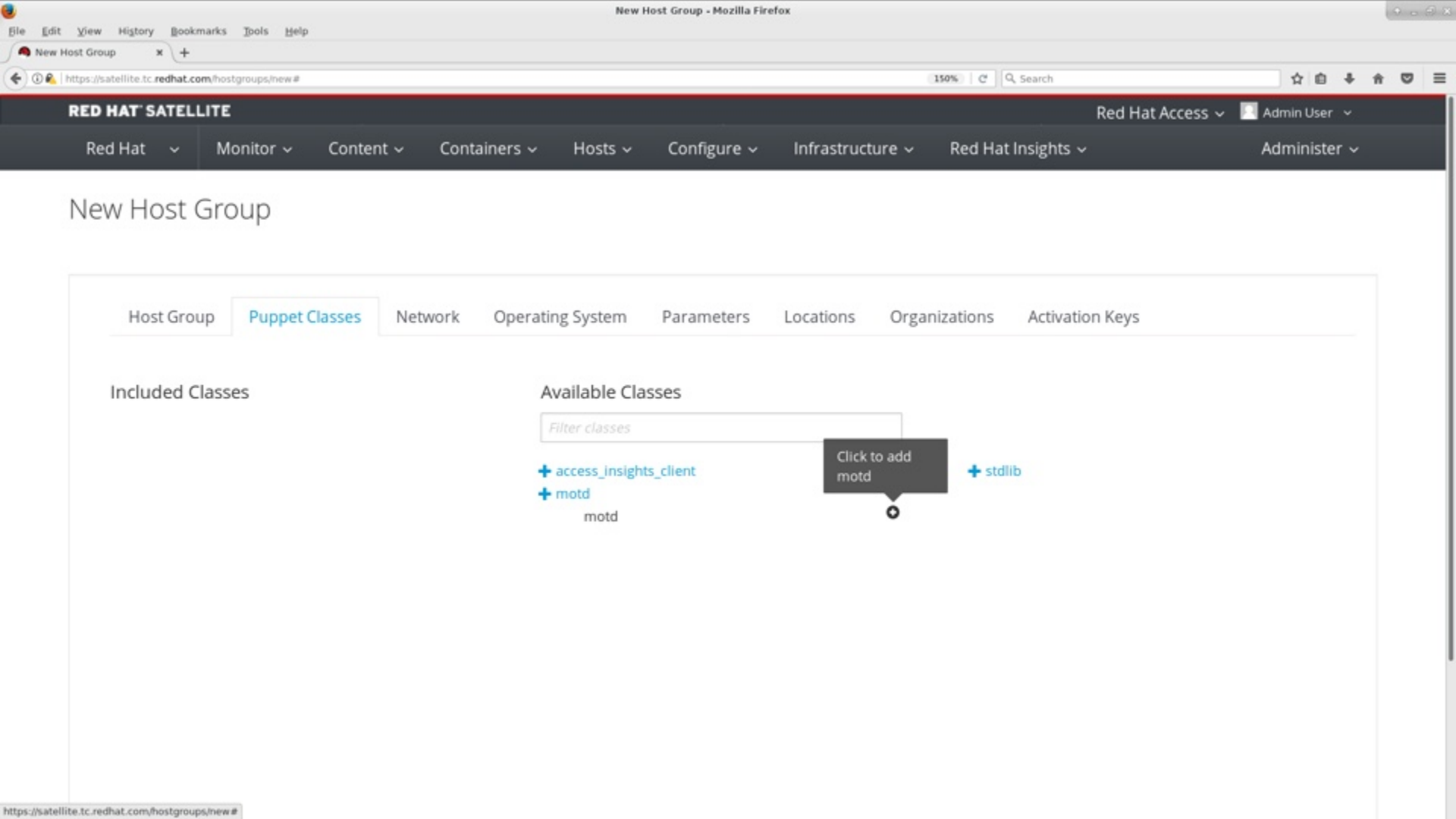
Use this puppet server as a CA server

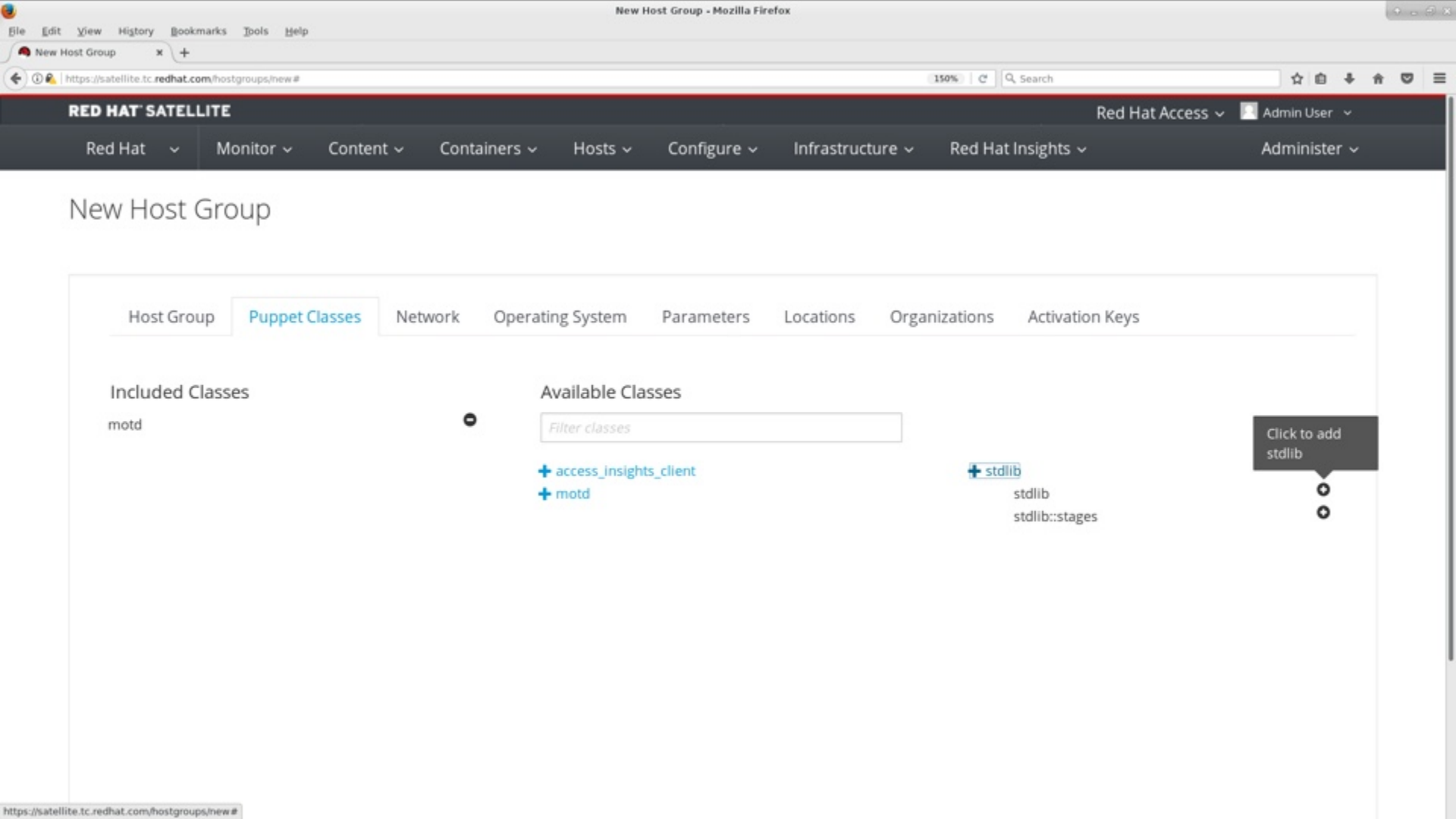
Puppet Master satellite.tc.redhat.com

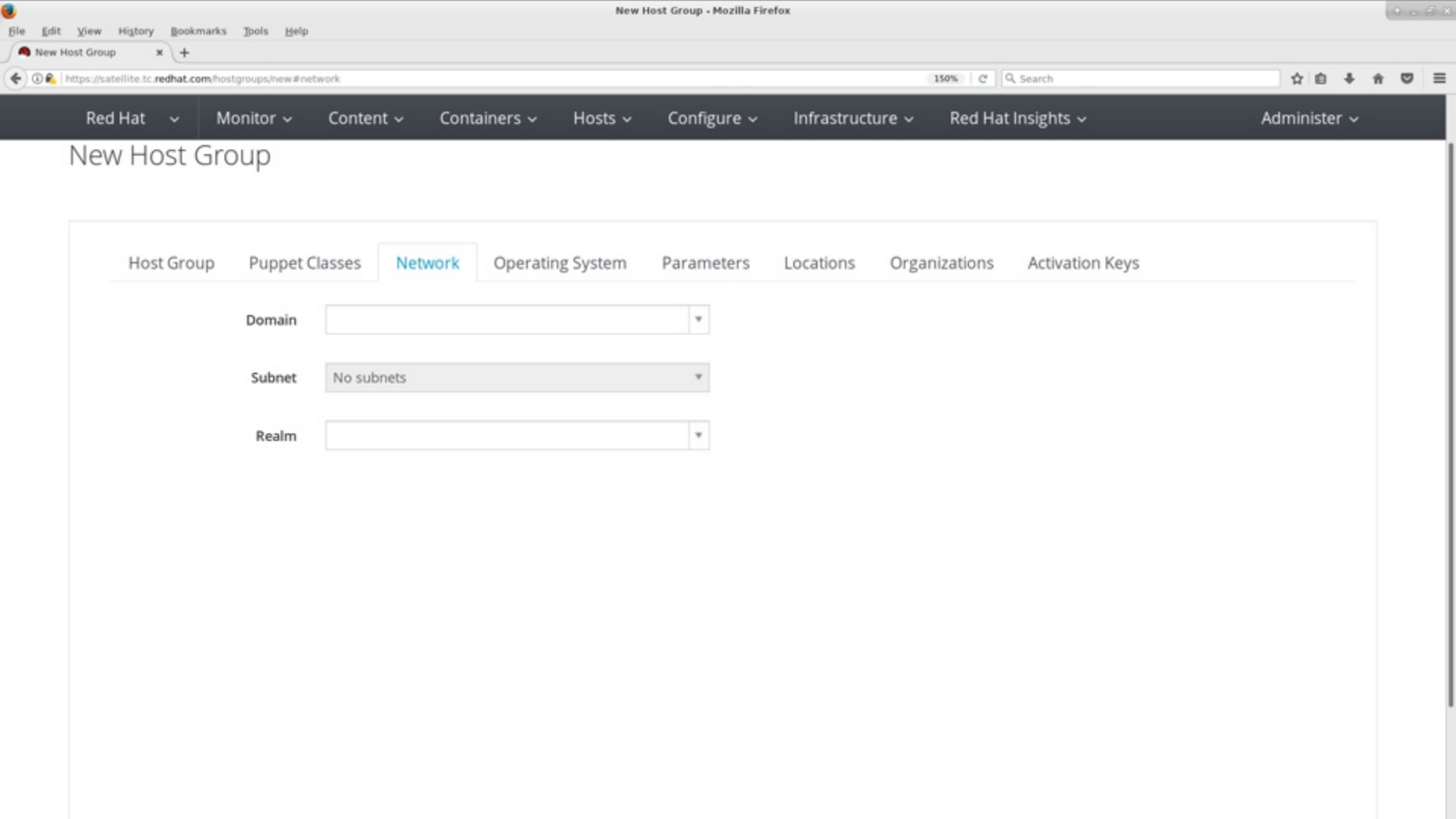
Use this puppet server as an initial Puppet Server or to execute puppet runs

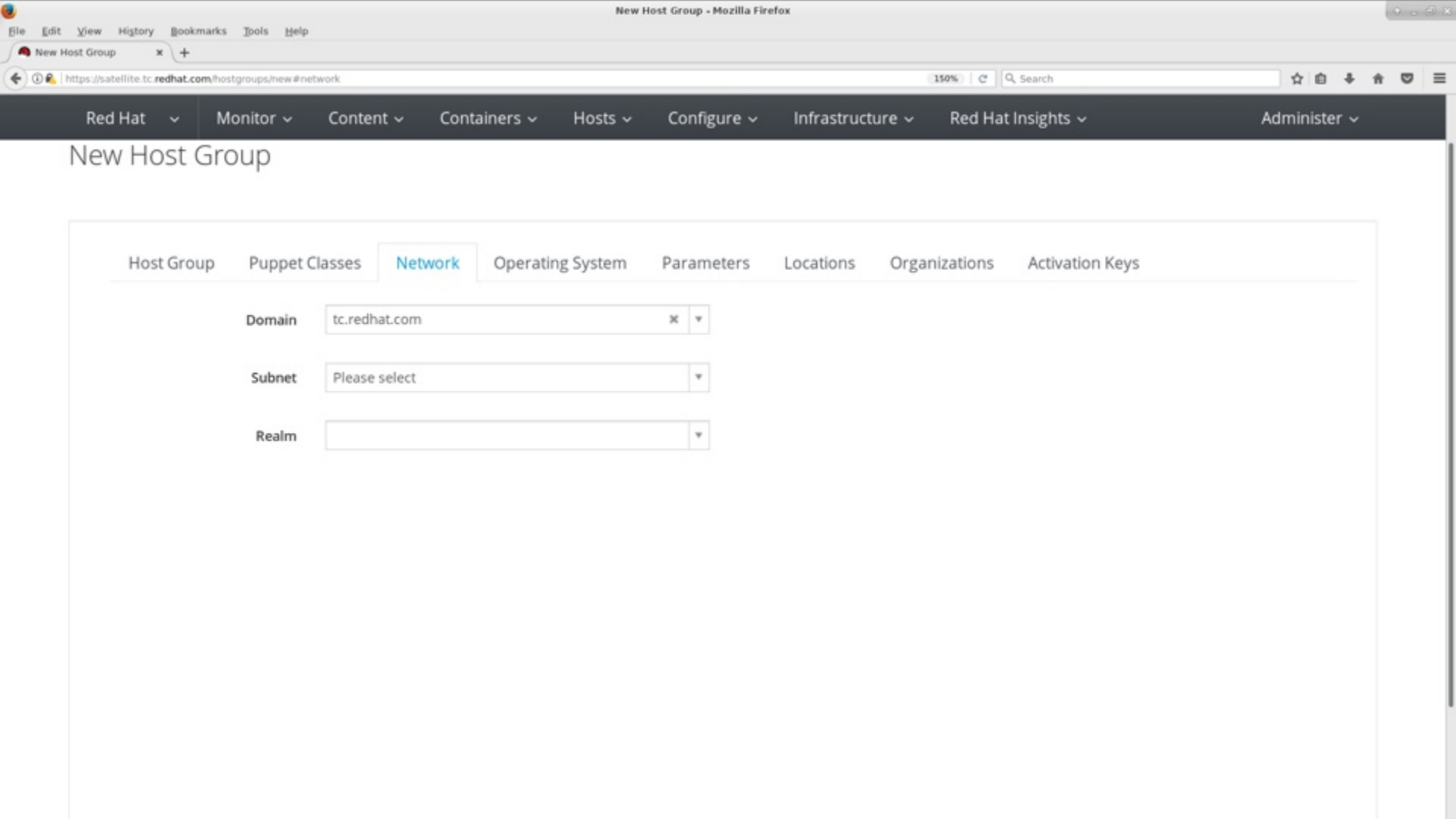
Openscap Capsule











New Host Group

Host Group

Puppet Classes

Network

Operating System

Parameters

Locations

Organizations

Activation Keys

Domain

tc.redhat.com



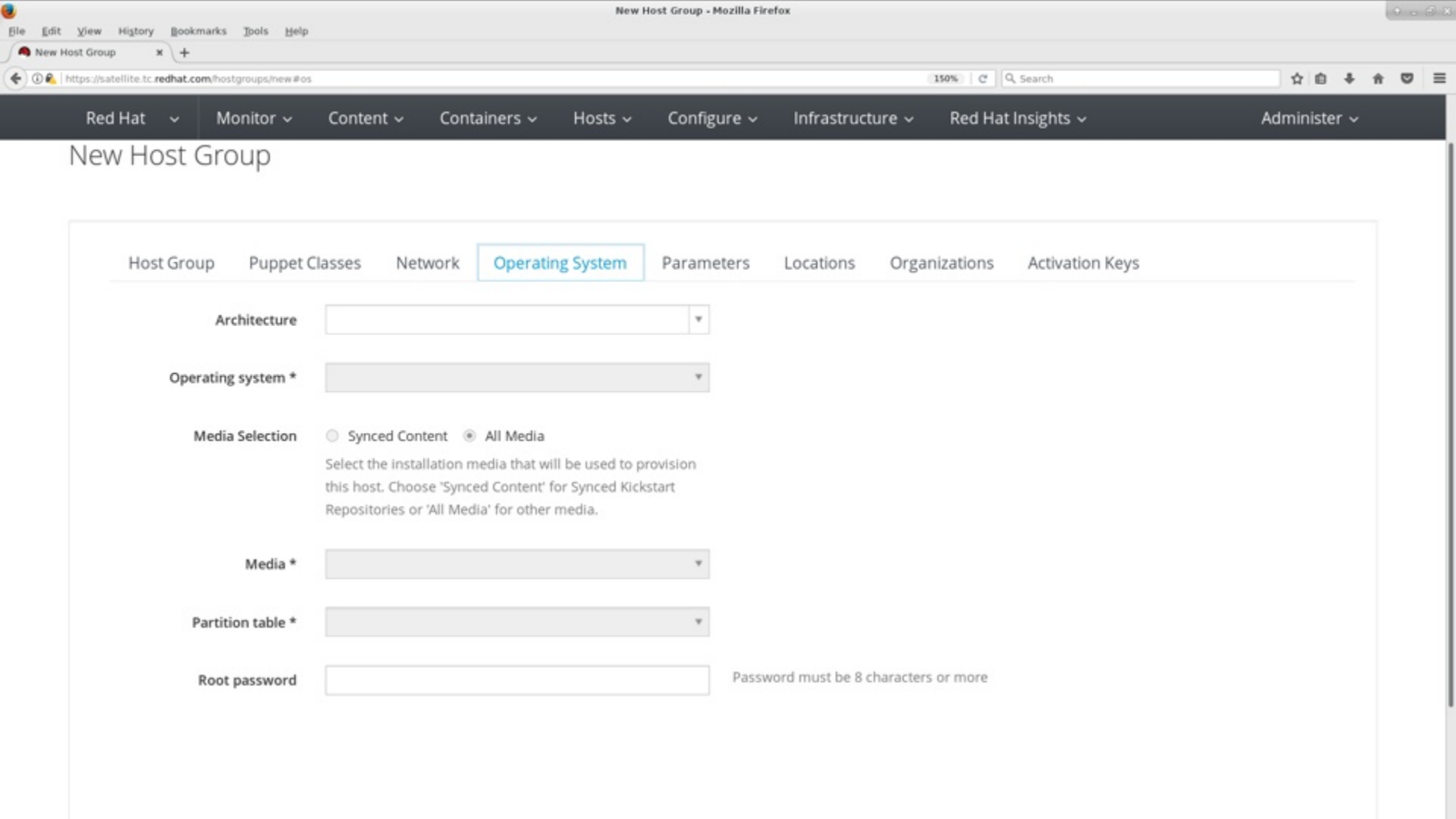
Subnet

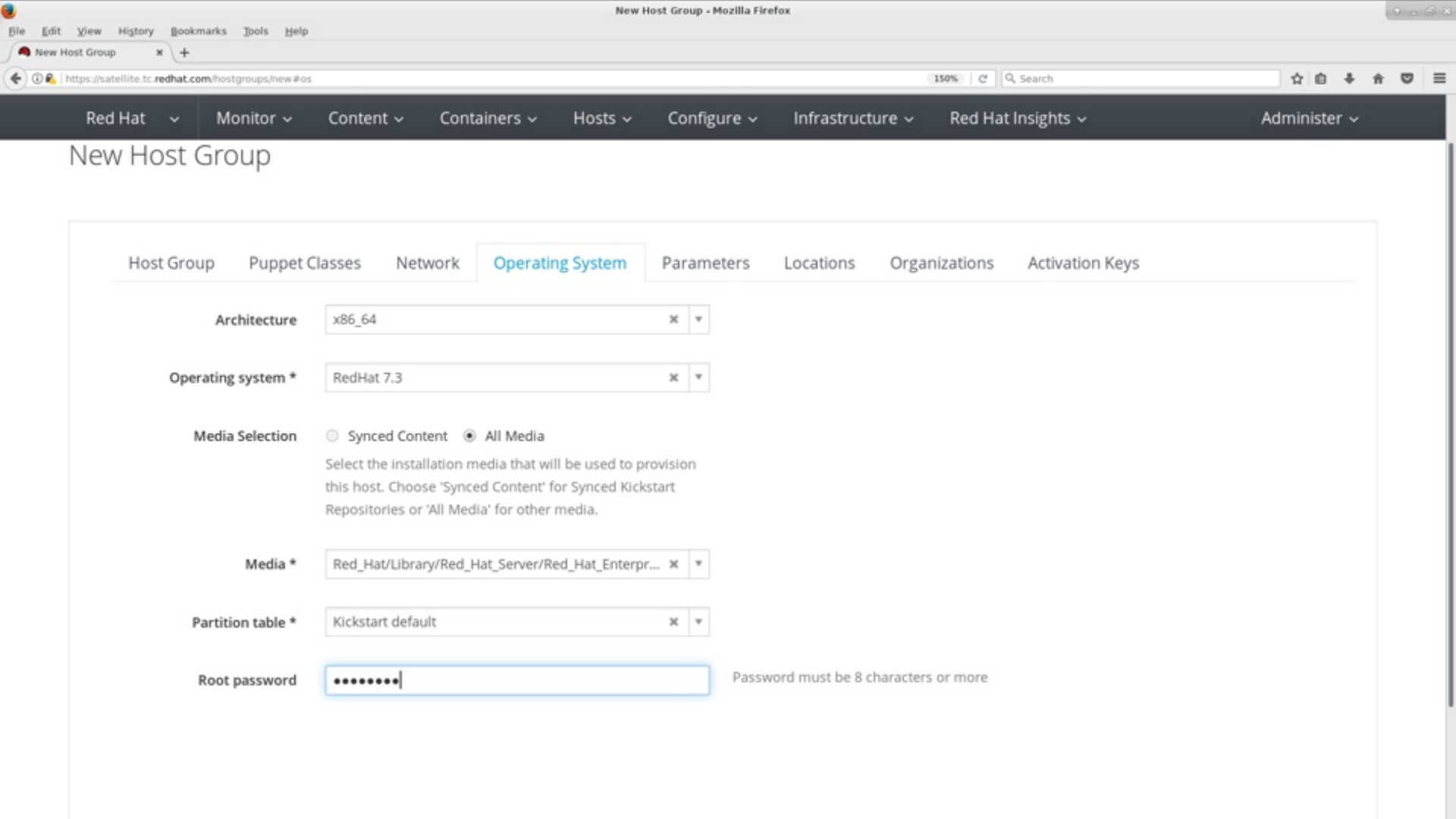
Please select

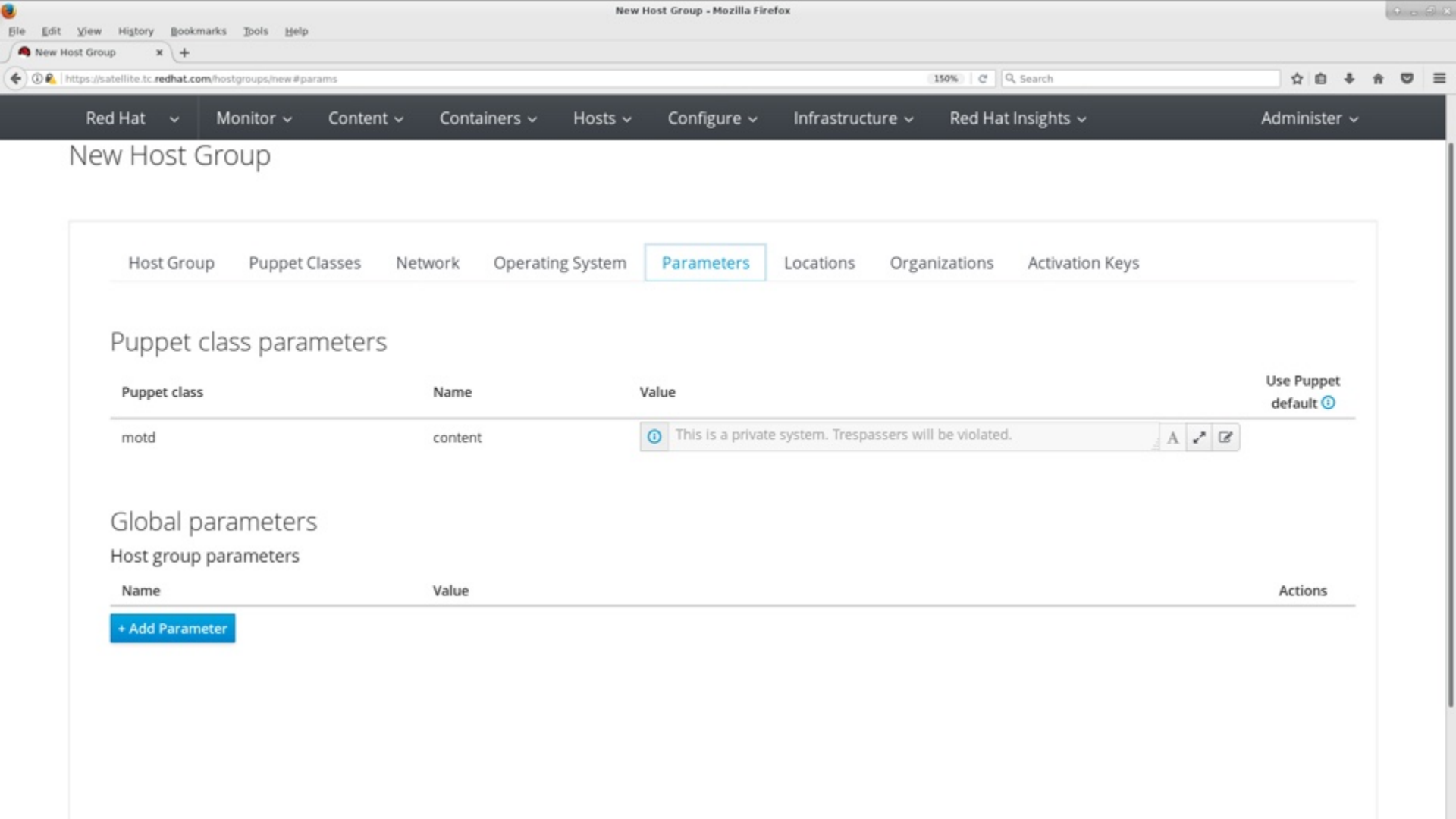


Realm









Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

New Host Group

Host Group

Puppet Classes

Network

Operating System

Parameters

Locations

Organizations

Activation Keys

Puppet class parameters

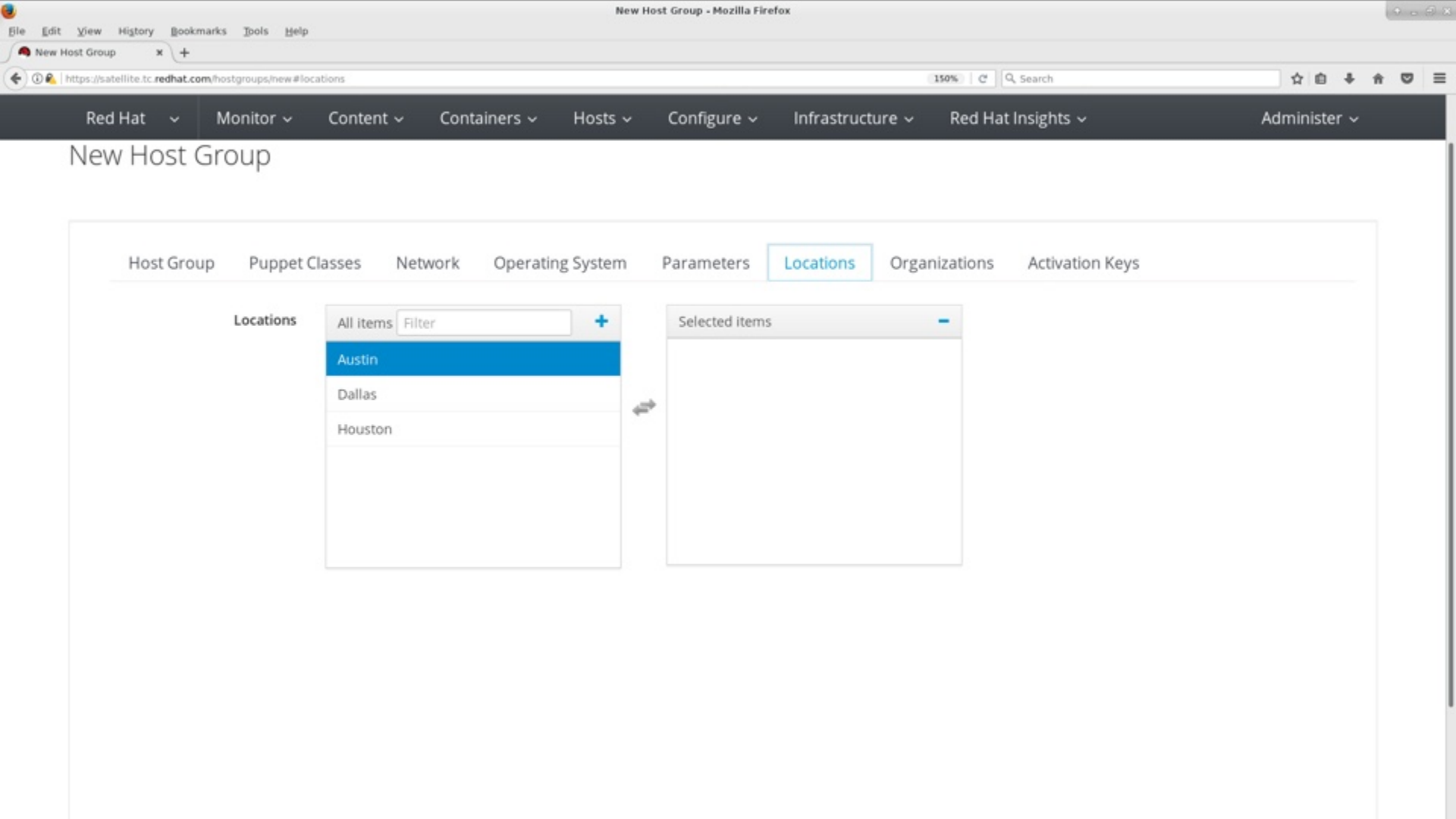
Puppet class	Name	Value	Use Puppet default ⓘ
motd	content	ⓘ This is a private system. Trespassers will be violated. A ↗ ↻	

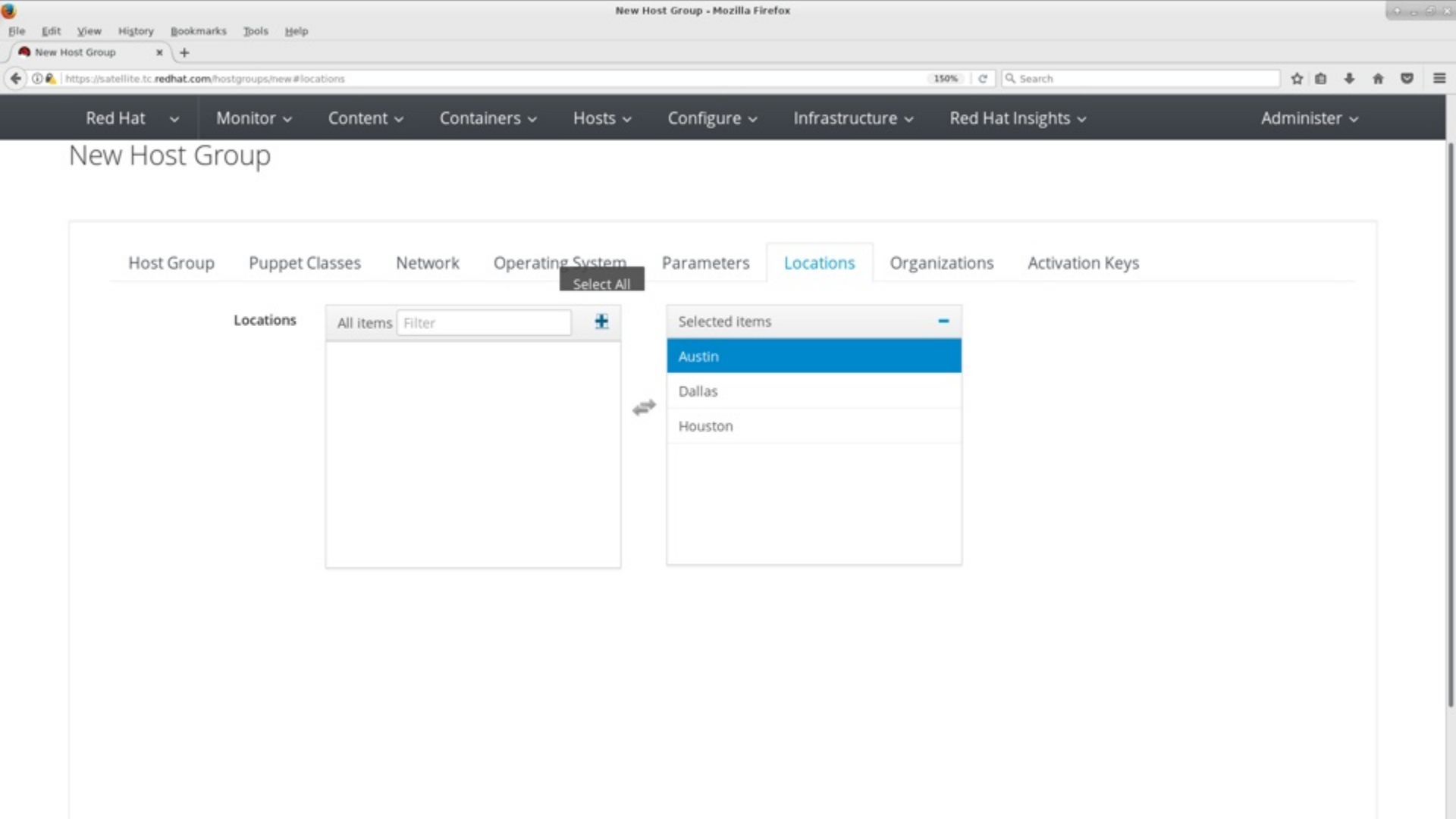
Global parameters

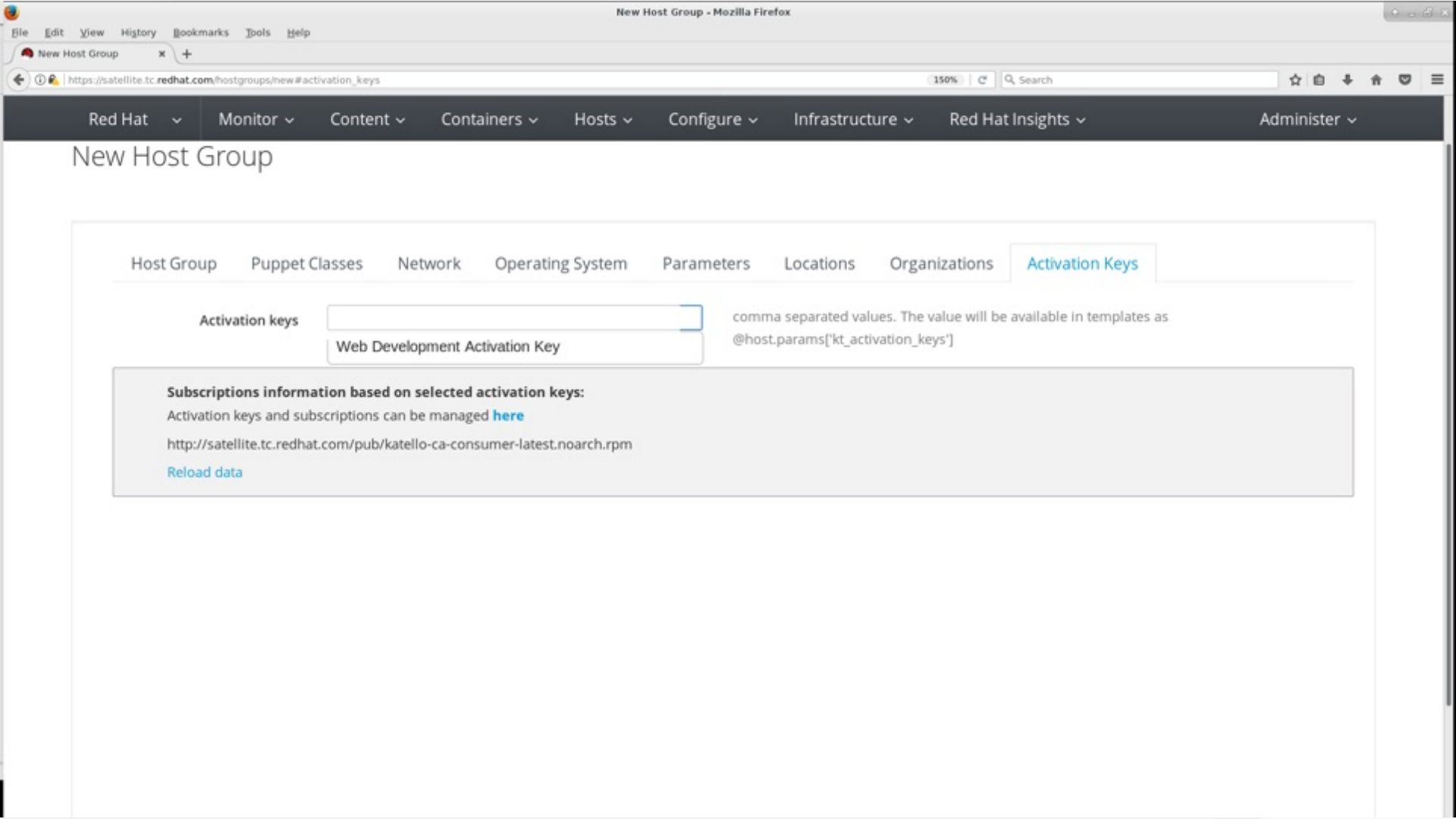
Host group parameters

Name	Value	Actions
------	-------	---------

[+ Add Parameter](#)







Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

New Host Group

Host Group

Puppet Classes

Network

Operating System

Parameters

Locations

Organizations

Activation Keys

Activation keys

Web Development Activation Key

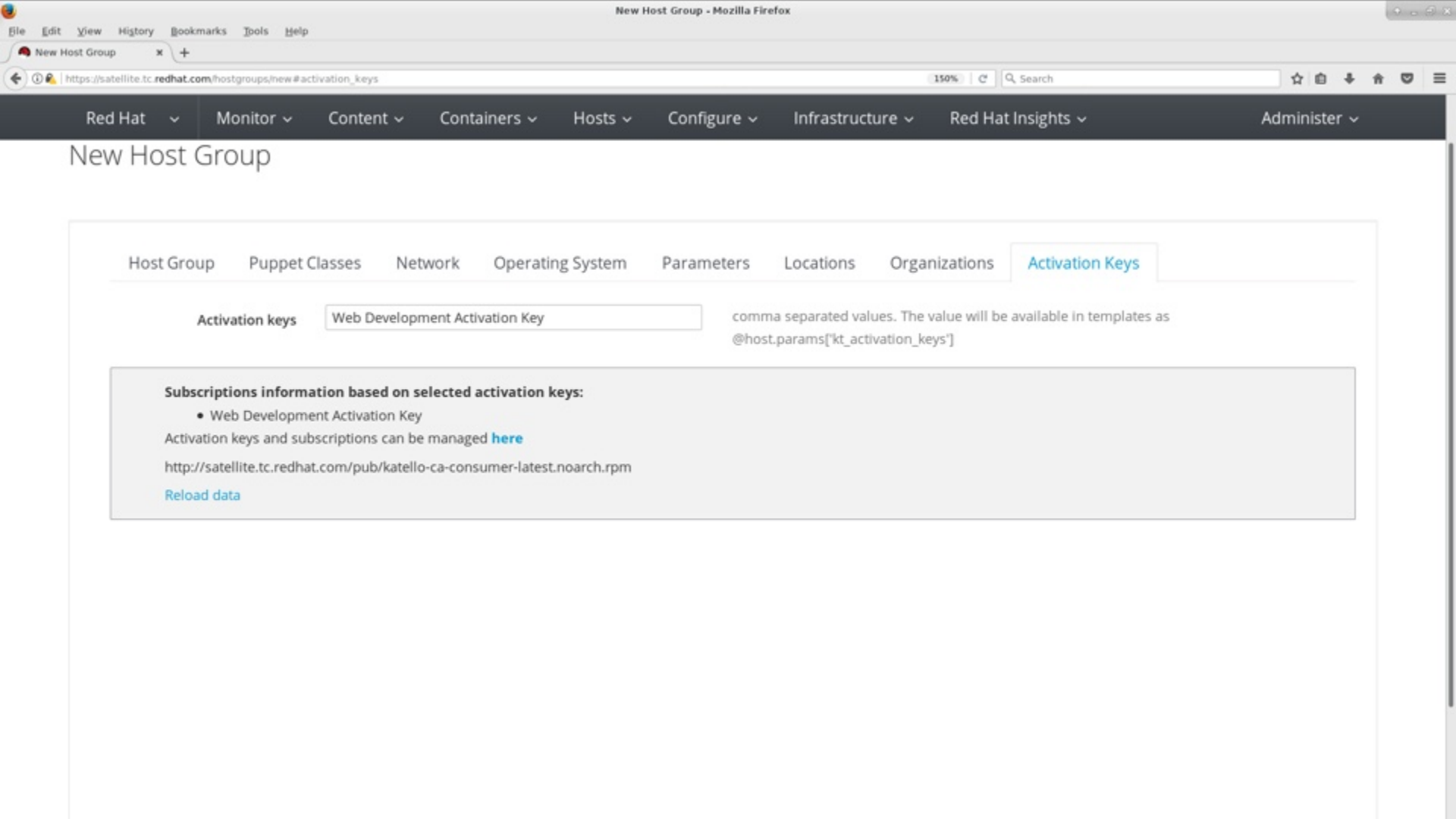
comma separated values. The value will be available in templates as
@host.params["kt_activation_keys"]

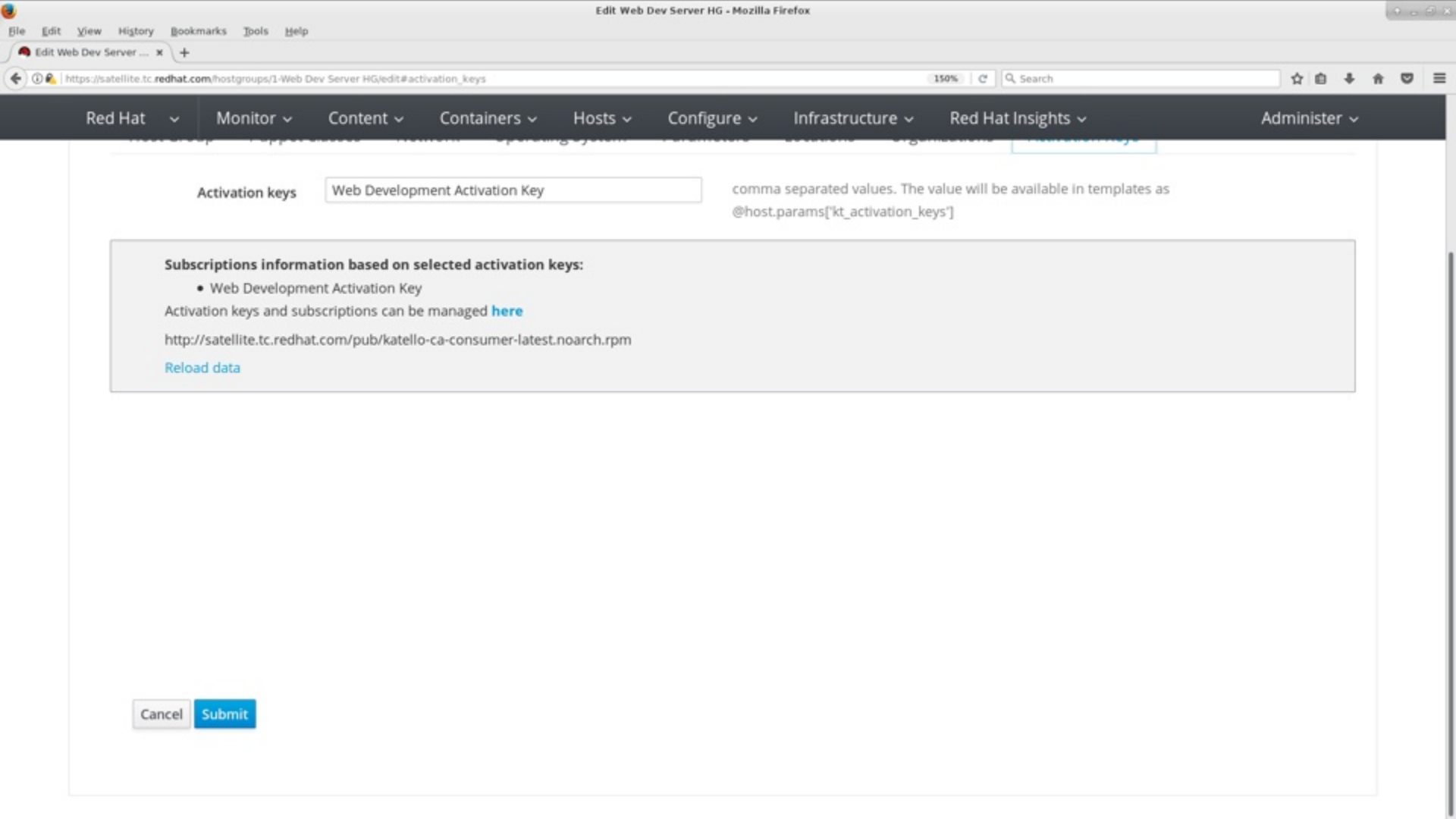
Subscriptions information based on selected activation keys:

Activation keys and subscriptions can be managed [here](#)

<http://satellite.tc.redhat.com/pub/katello-ca-consumer-latest.noarch.rpm>

[Reload data](#)





Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Activation keys

comma separated values. The value will be available in templates as
@host.params["kt_activation_keys"]

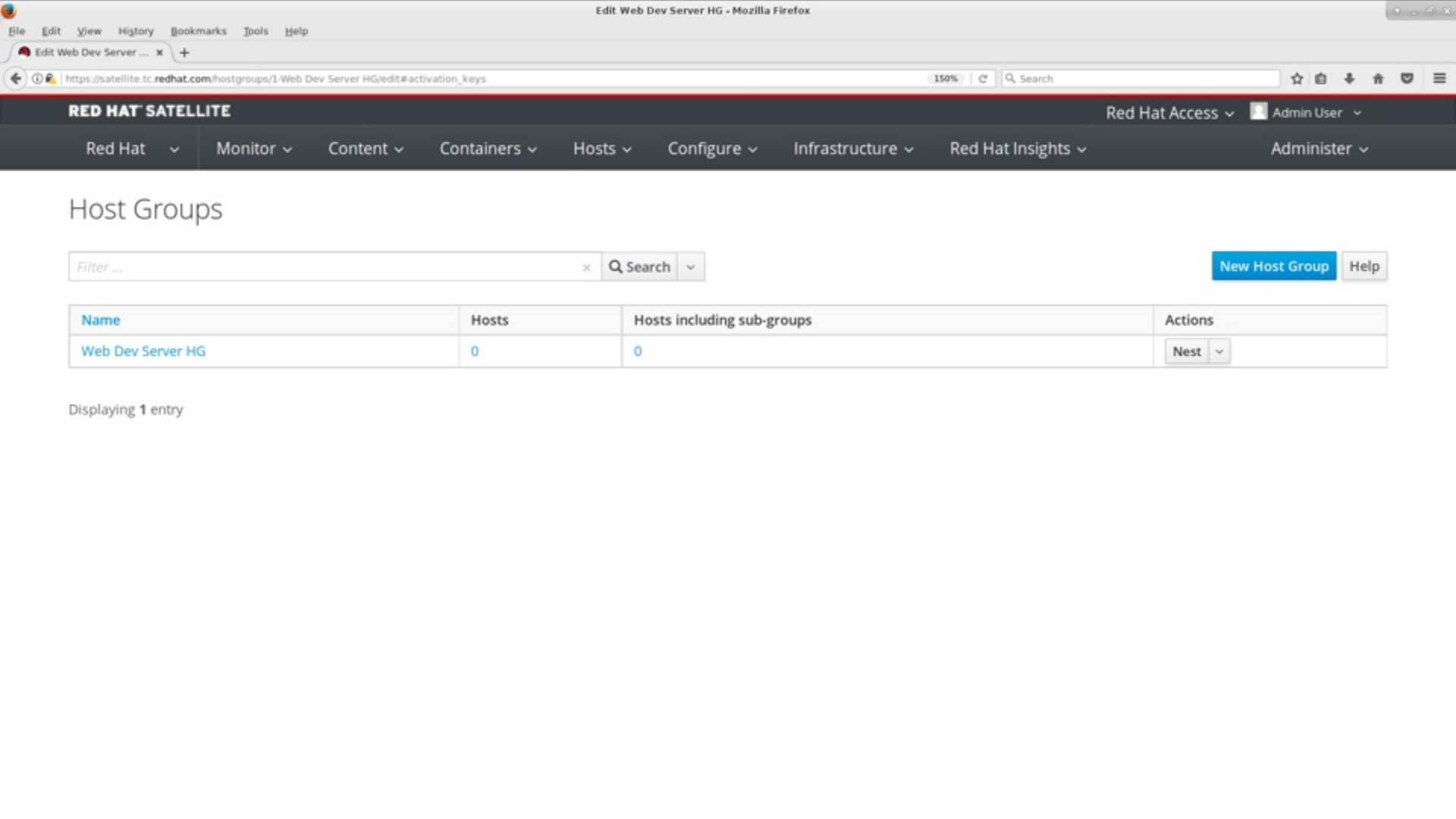
Subscriptions information based on selected activation keys:

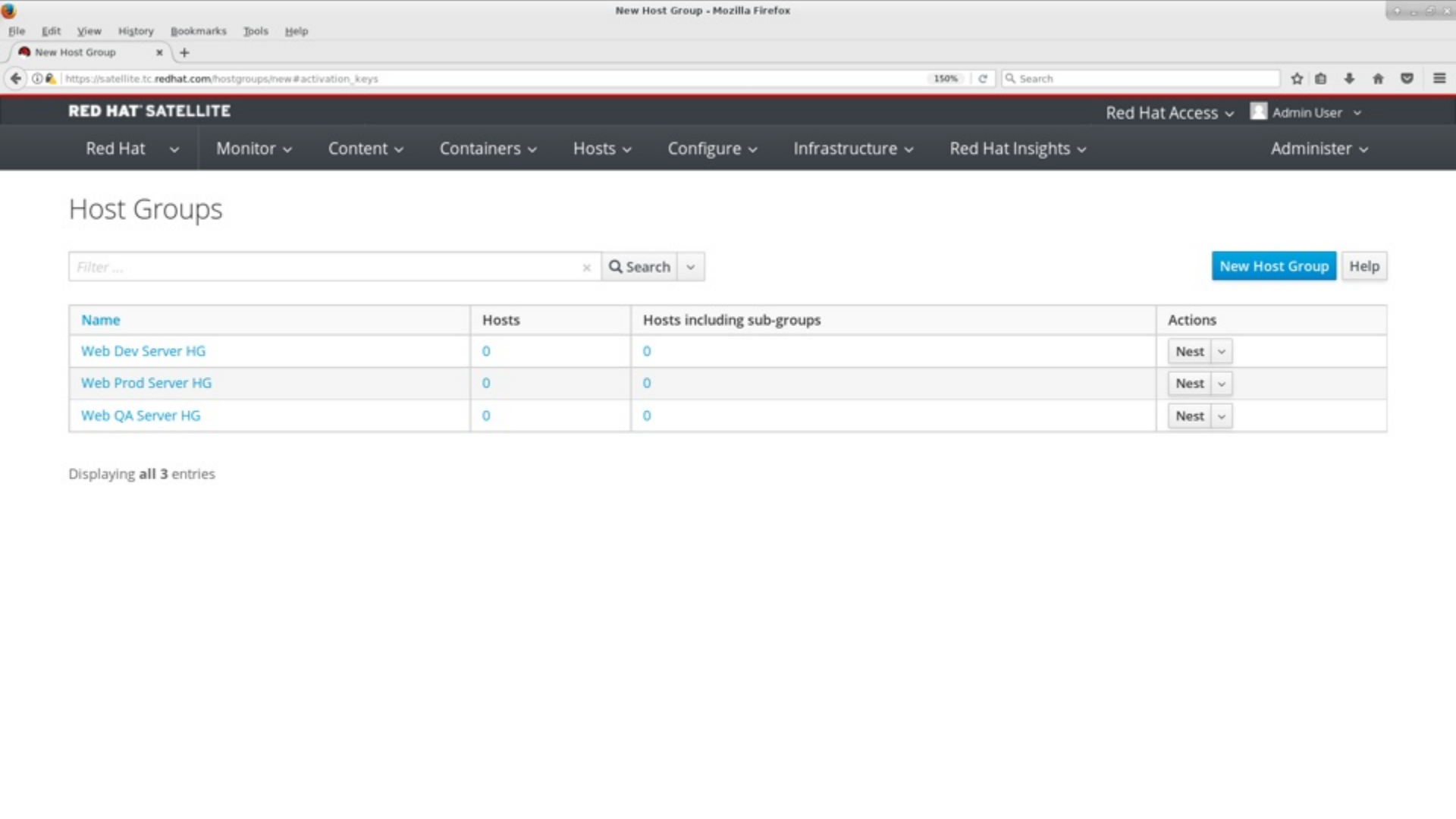
- Web Development Activation Key

Activation keys and subscriptions can be managed [here](#)

<http://satellite.tc.redhat.com/pub/katello-ca-consumer-latest.noarch.rpm>

[Reload data](#)

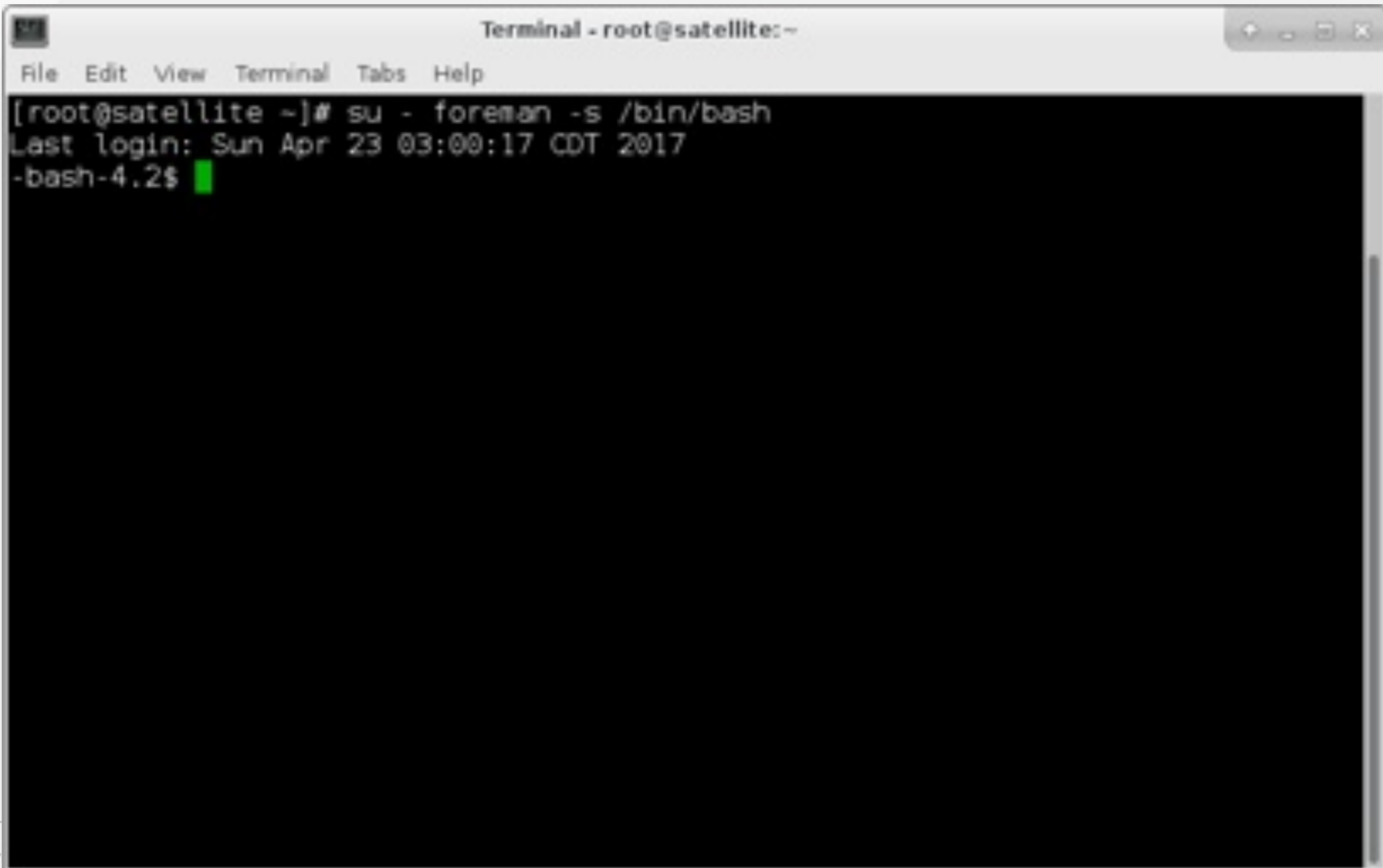




COMPUTE RESOURCES

What are compute resources?

- Basically, hypervisors. Standalone KVM (libvirt), VMWare, and Red Hat Virtualization are all supported. We'll enable foreman to connect to the hypervisors via ssh with ssh keys.



A terminal window titled "Terminal - root@satellite:~" with a menu bar containing "File", "Edit", "View", "Terminal", "Tabs", and "Help". The terminal output shows a root user at a satellite machine executing the command "su - foreman -s /bin/bash". This results in a login message: "Last login: Sun Apr 23 03:00:17 CDT 2017" and a new shell prompt "-bash-4.2\$". A green cursor is visible at the end of the prompt.

```
Terminal - root@satellite:~
File Edit View Terminal Tabs Help
[root@satellite ~]# su - foreman -s /bin/bash
Last login: Sun Apr 23 03:00:17 CDT 2017
-bash-4.2$
```

```
Terminal - root@satellite:~
File Edit View Terminal Tabs Help

-bash-4.2$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/usr/share/foreman/.ssh/id_rsa):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /usr/share/foreman/.ssh/id_rsa.
Your public key has been saved in /usr/share/foreman/.ssh/id_rsa.pub.
The key fingerprint is:
02:7d:2d:53:50:79:26:1b:cb:94:06:21:31:cc:08:3c foreman@satellite.tc.redhat.com
The key's randomart image is:
+--[ RSA 2048 ]-----+
|      ... ++.o=oo      |
|      E ..oo.o8 o      |
|      . . . ++.B       |
|      . . . o+         |
|      . S              |
|      .                |
+-----+
-bash-4.2$
```



```
Terminal - root@satellite:~
File Edit View Terminal Tabs Help
-bash-4.2$ ssh-copy-id root@armitage.tc.redhat.com
The authenticity of host 'armitage.tc.redhat.com (172.31.100.17)' can't be established.
ECDSA key fingerprint is 72:ca:3f:2d:15:43:55:c0:73:e1:f4:0c:2e:99:94:74.
Are you sure you want to continue connecting (yes/no)? yes
/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out
any that are already installed
/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted n
ow it is to install the new keys
root@armitage.tc.redhat.com's password:

Number of key(s) added: 1

Now try logging into the machine, with:  "ssh 'root@armitage.tc.redhat.com'"
and check to make sure that only the key(s) you wanted were added.

-bash-4.2$ █
```

```
Terminal - root@satellite:~
File Edit View Terminal Tabs Help
-bash-4.2$ ssh-copy-id root@finn.tc.redhat.com
The authenticity of host 'finn.tc.redhat.com (172.31.100.13)' can't be established.
ECDSA key fingerprint is c2:68:a0:53:68:5e:f4:03:3c:b3:66:70:73:52:60:87.
Are you sure you want to continue connecting (yes/no)? yes
/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out
any that are already installed
/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted n
ow it is to install the new keys
root@finn.tc.redhat.com's password:

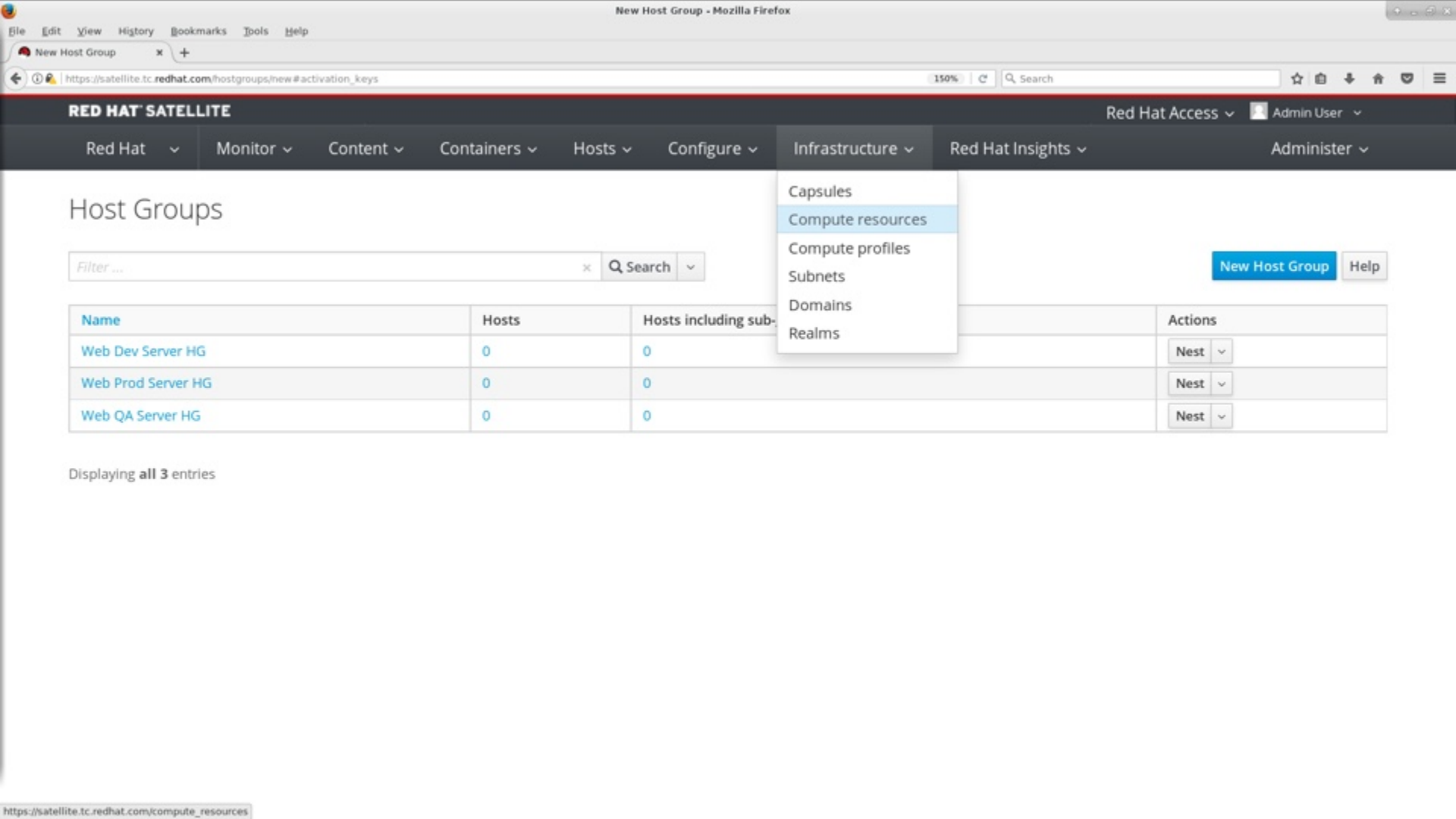
Number of key(s) added: 1

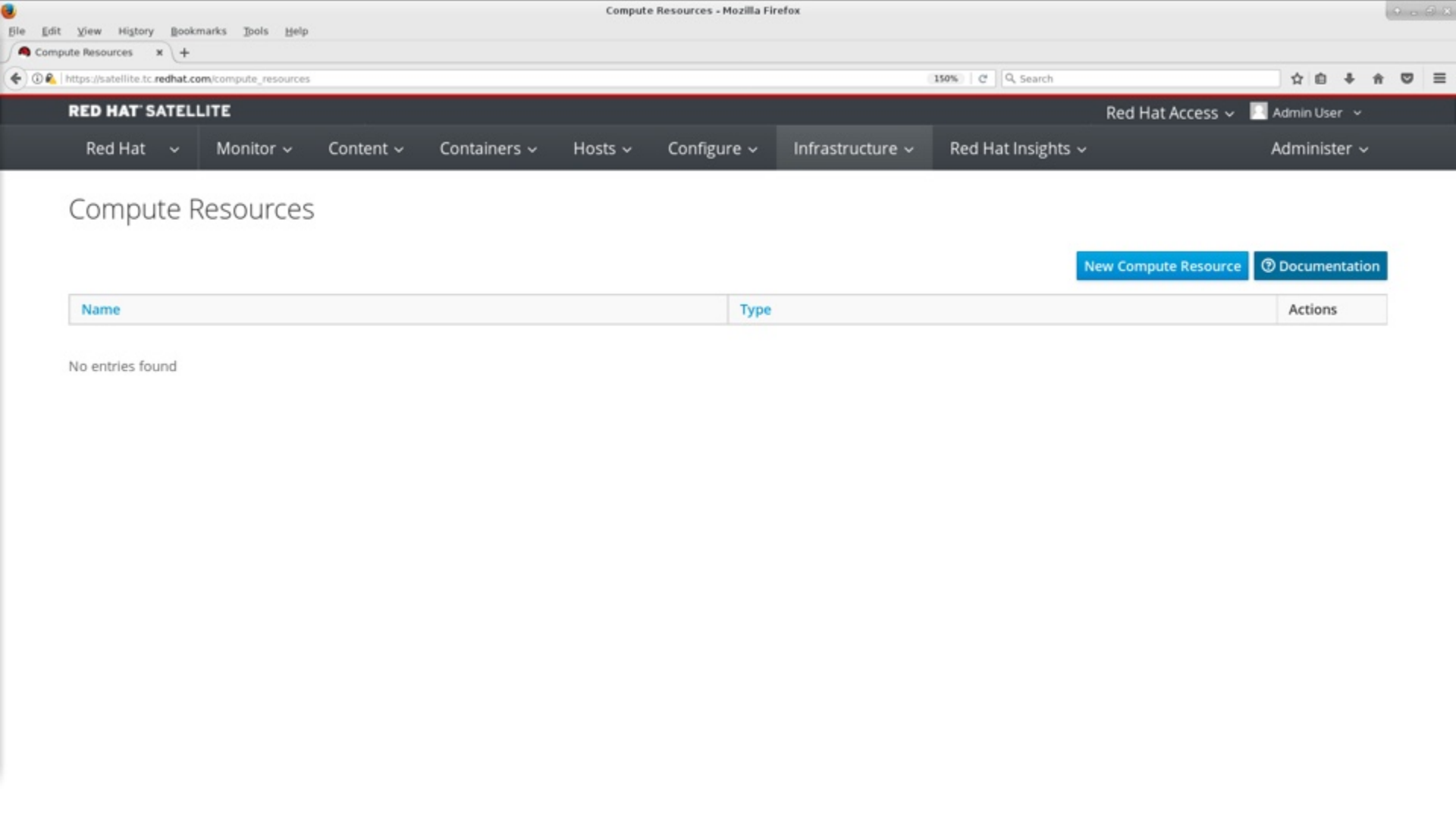
Now try logging into the machine, with:  "ssh 'root@finn.tc.redhat.com'"
and check to make sure that only the key(s) you wanted were added.

-bash-4.2$ █
```

```
Terminal - root@satellite:~  
File Edit View Terminal Tabs Help  
-bash-4.2$ ssh-copy-id root@neuromancer.tc.redhat.com  
The authenticity of host 'neuromancer.tc.redhat.com (172.31.100.14)' can't be es  
tablished.  
ECDSA key fingerprint is e0:7c:5d:ba:56:ec:12:c2:6e:1f:b3:69:bf:f3:21:b3.  
Are you sure you want to continue connecting (yes/no)? yes  
/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out  
any that are already installed  
/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted n  
ow it is to install the new keys  
root@neuromancer.tc.redhat.com's password:  
  
Number of key(s) added: 1  
  
Now try logging into the machine, with:  "ssh 'root@neuromancer.tc.redhat.com'"  
and check to make sure that only the key(s) you wanted were added.  
  
-bash-4.2$ █
```

```
Terminal - root@satellite:~  
File Edit View Terminal Tabs Help  
-bash-4.2$ for i in armitage finn neuromancer; do ssh root@$i.tc.redhat.com "host  
name"; done  
armitage.tc.redhat.com  
finn.tc.redhat.com  
neuromancer.tc.redhat.com  
-bash-4.2$
```



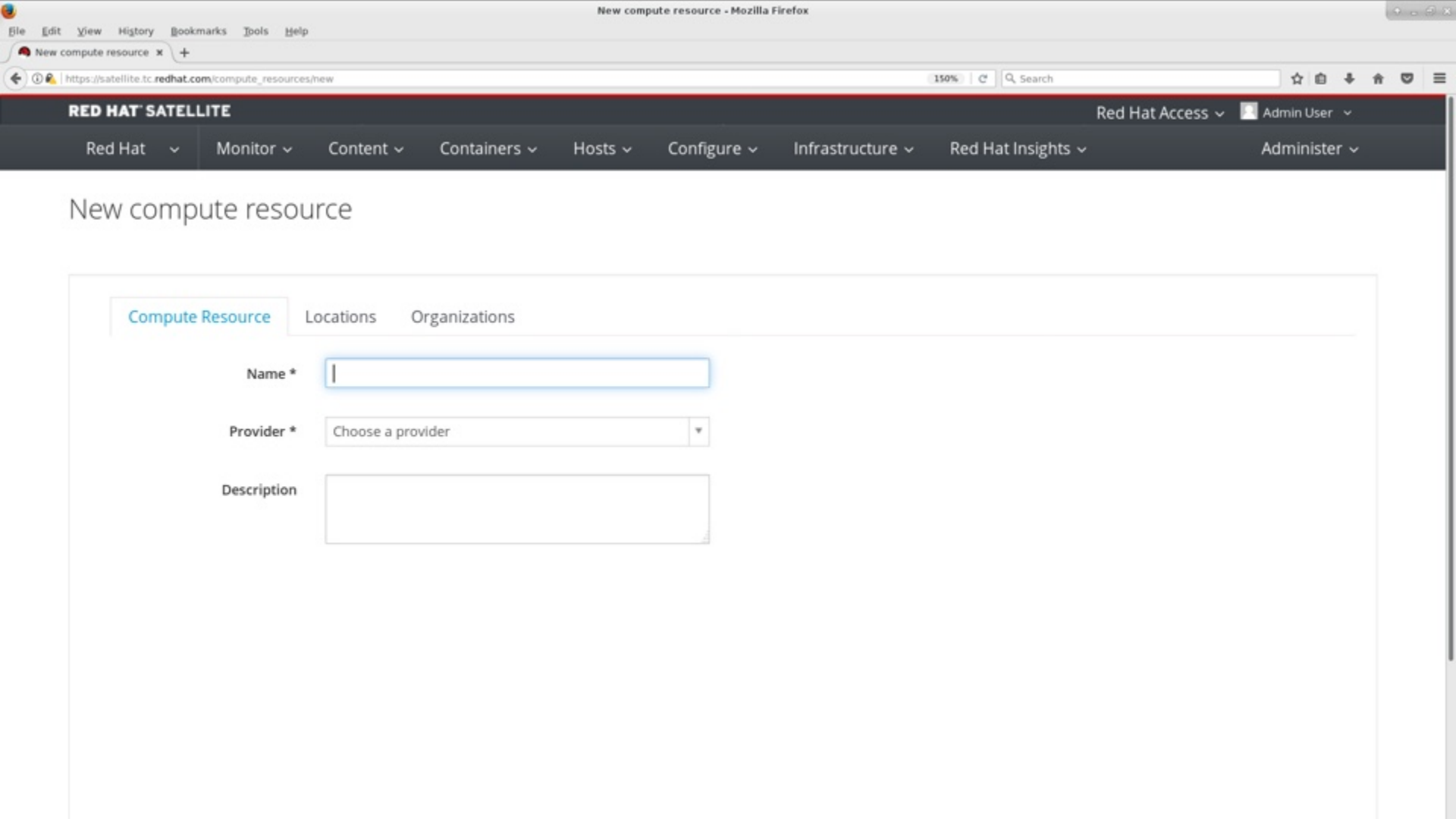


Compute Resources

[New Compute Resource](#)[Documentation](#)

Name	Type	Actions
------	------	---------

No entries found



New compute resource

Compute Resource

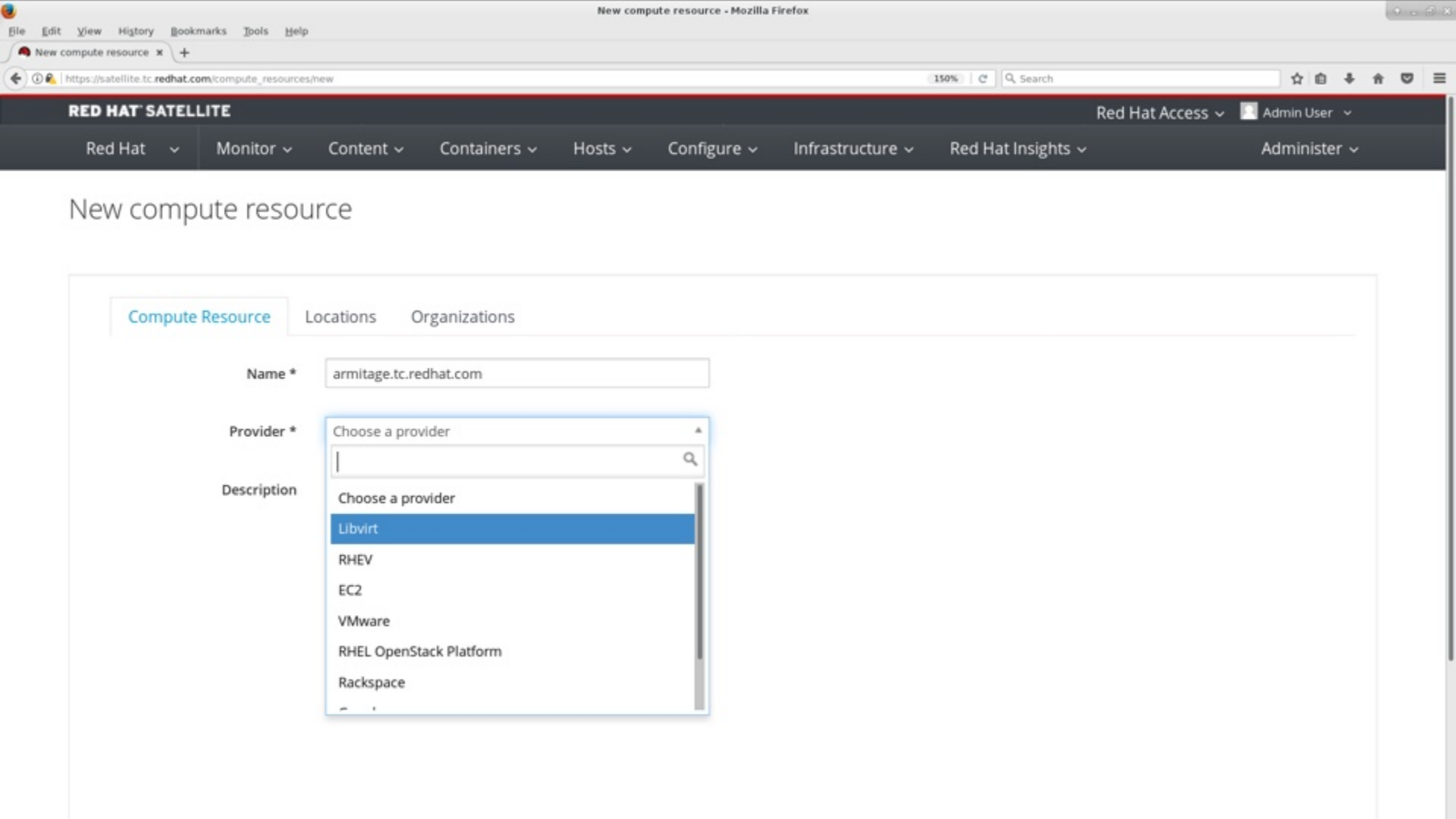
Locations

Organizations

Name *

Provider *

Description



New compute resource

Compute Resource

Locations

Organizations

Name * armitage.tc.redhat.com

Provider * Choose a provider

Description Choose a provider

Libvirt

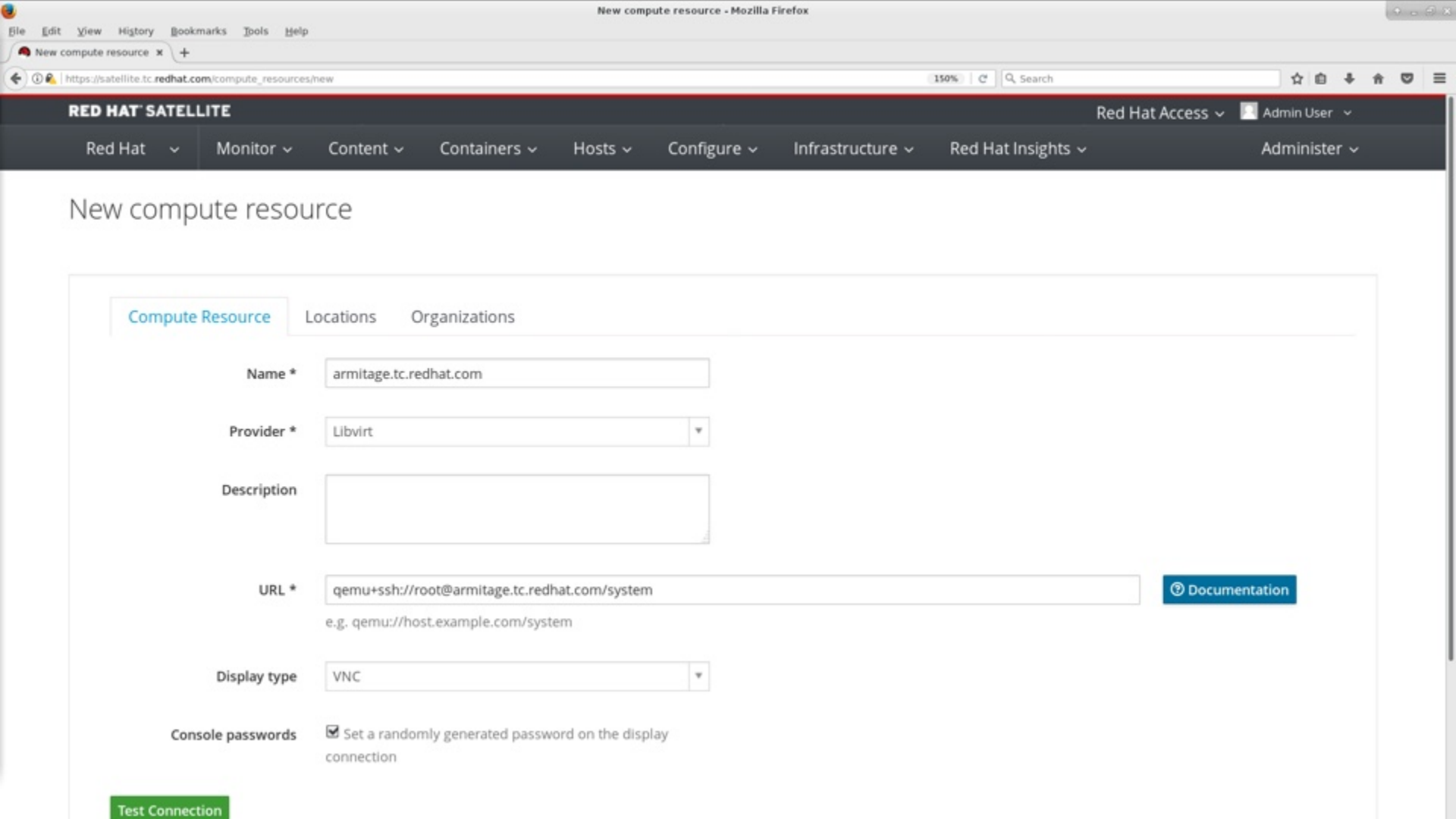
RHEV

EC2

VMware

RHEL OpenStack Platform

Rackspace



New compute resource

Compute Resource

Locations

Organizations

Name *

armitage.tc.redhat.com

Provider *

Libvirt

Description

URL *

qemu+ssh://root@armitage.tc.redhat.com/system

e.g. qemu://host.example.com/system

Documentation

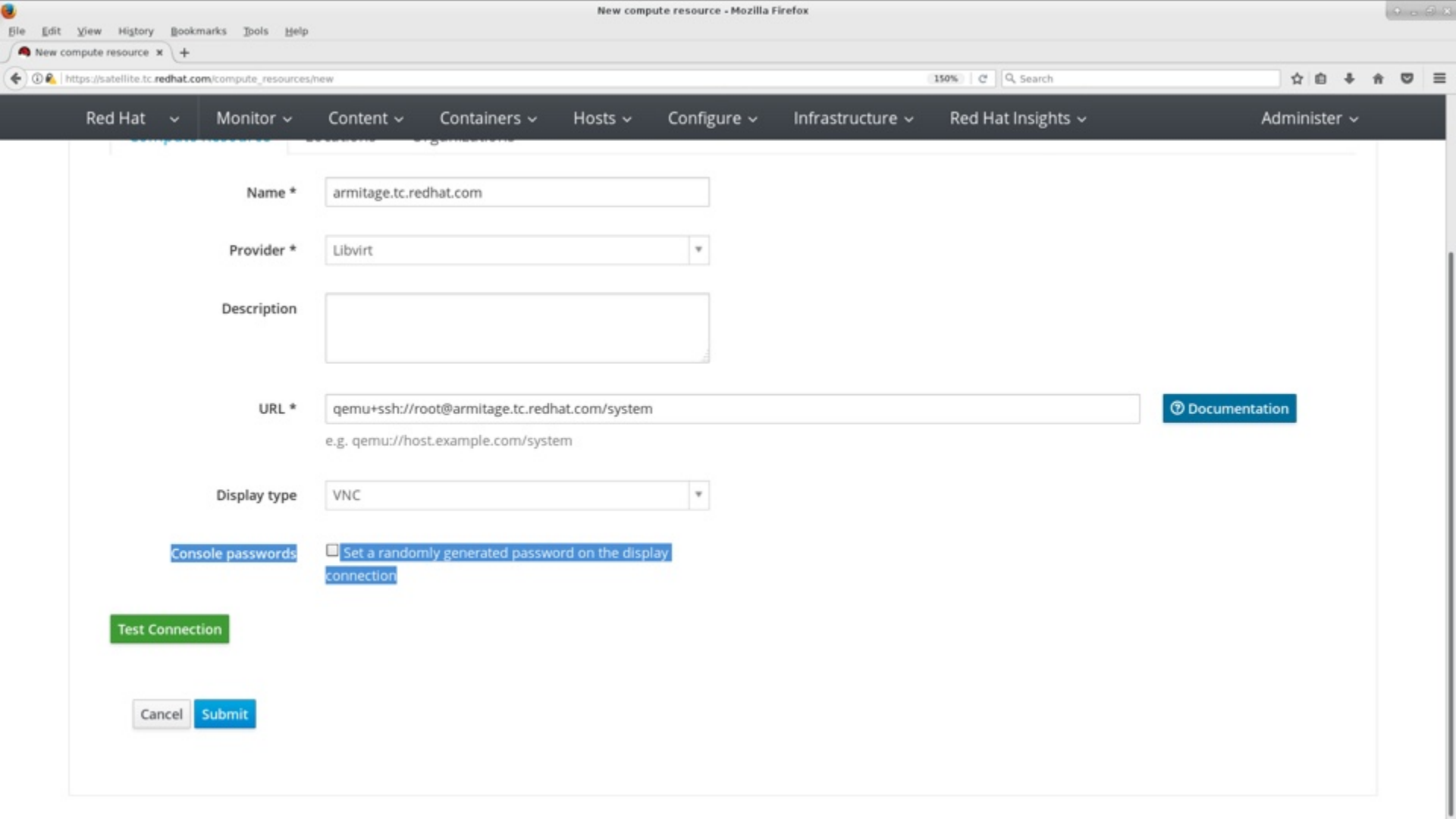
Display type

VNC

Console passwords

☒ Set a randomly generated password on the display connection

Test Connection



Red Hat v

Monitor v

Content v

Containers v

Hosts v

Configure v

Infrastructure v

Red Hat Insights v

Administer v

Name * armitage.tc.redhat.com

Provider * Libvirt v

Description

URL * qemu+ssh://root@armitage.tc.redhat.com/system

e.g. qemu://host.example.com/system

Documentation

Display type VNC v

Console passwords

☐ Set a randomly generated password on the display connection

Test Connection

Cancel

Submit

New compute resource - Mozilla Firefox

FileEditViewHistoryBookmarksToolsHelp

New compute resource x +

https://satellite.tc.redhat.com/compute_resources/new150%Search

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat

Success: Test connection was successful

Name *

armitage.tc.redhat.com

Provider *

Libvirt

Description

URL *

qemu+ssh://root@armitage.tc.redhat.com/system

e.g. qemu://host.example.com/system

Display type

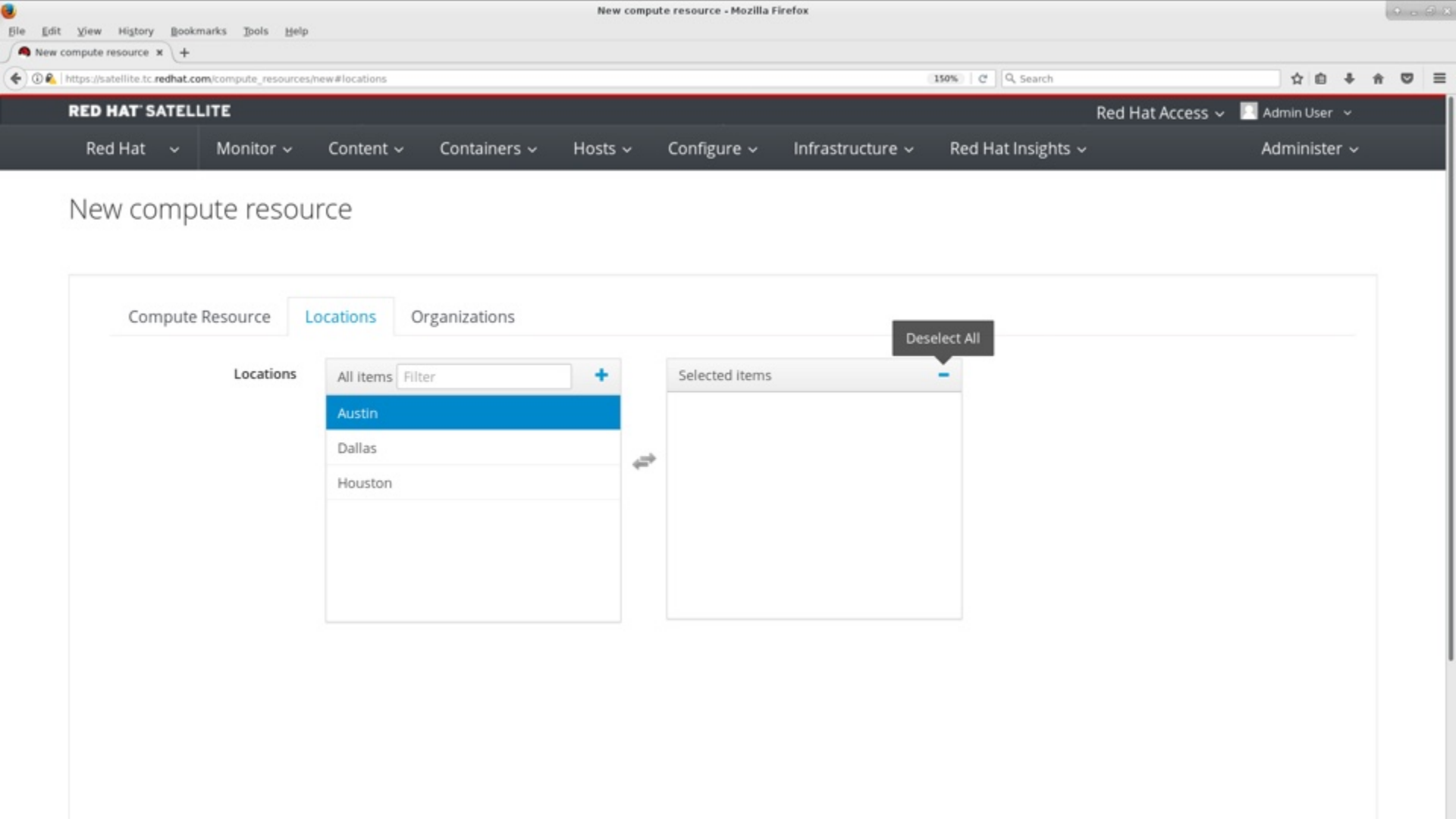
VNC

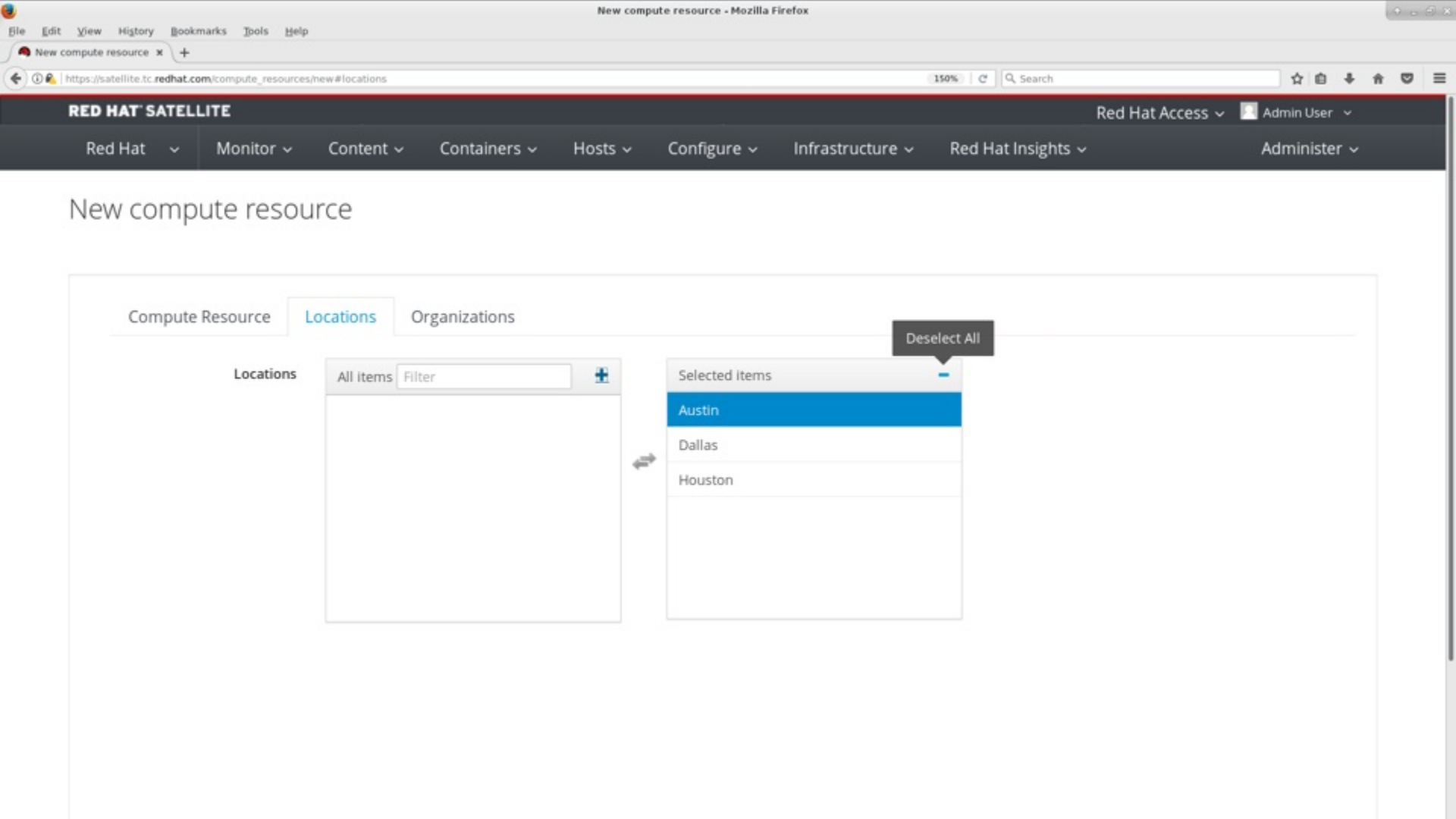
Console passwords

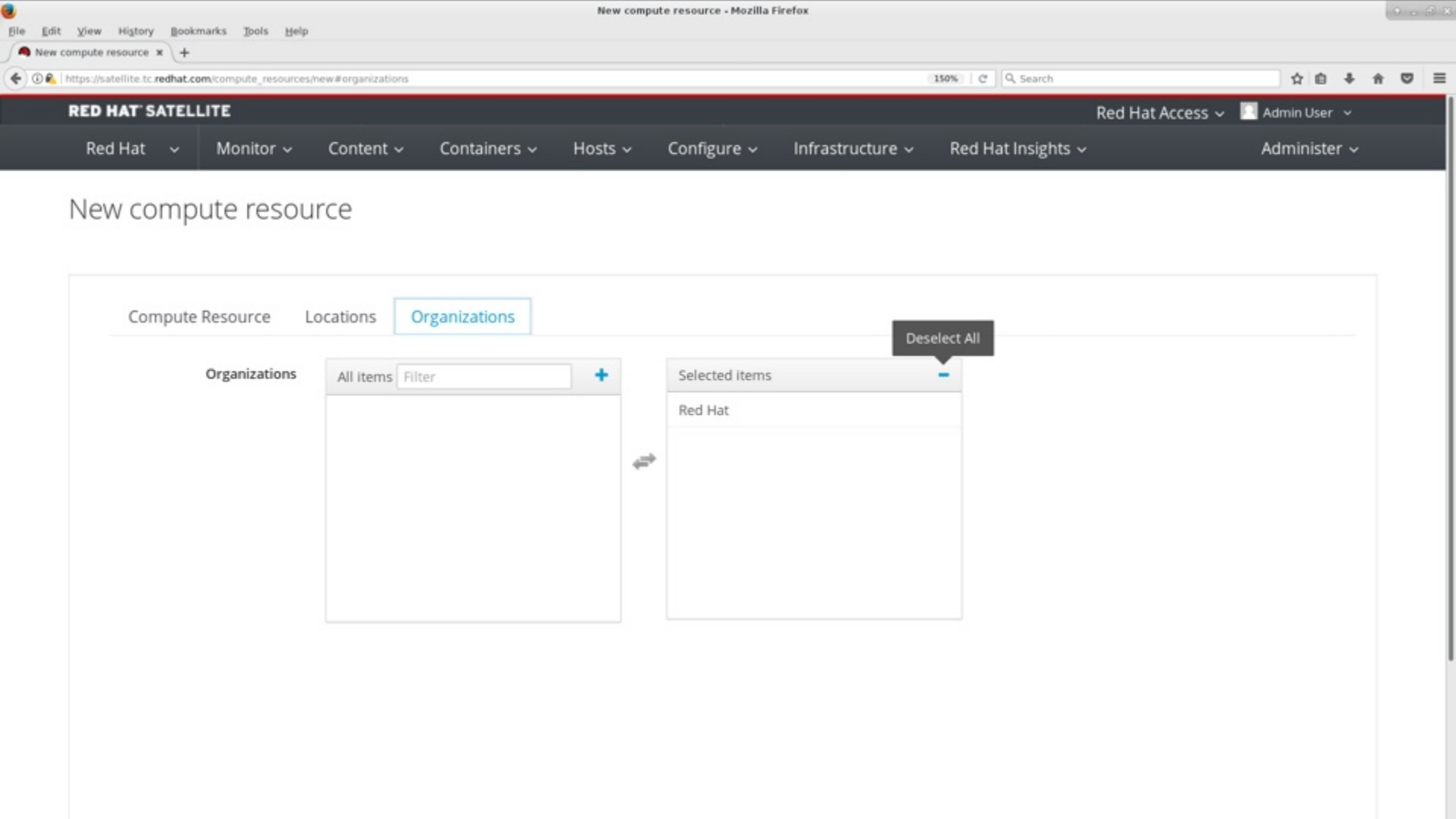
☐ Set a randomly generated password on the display connection

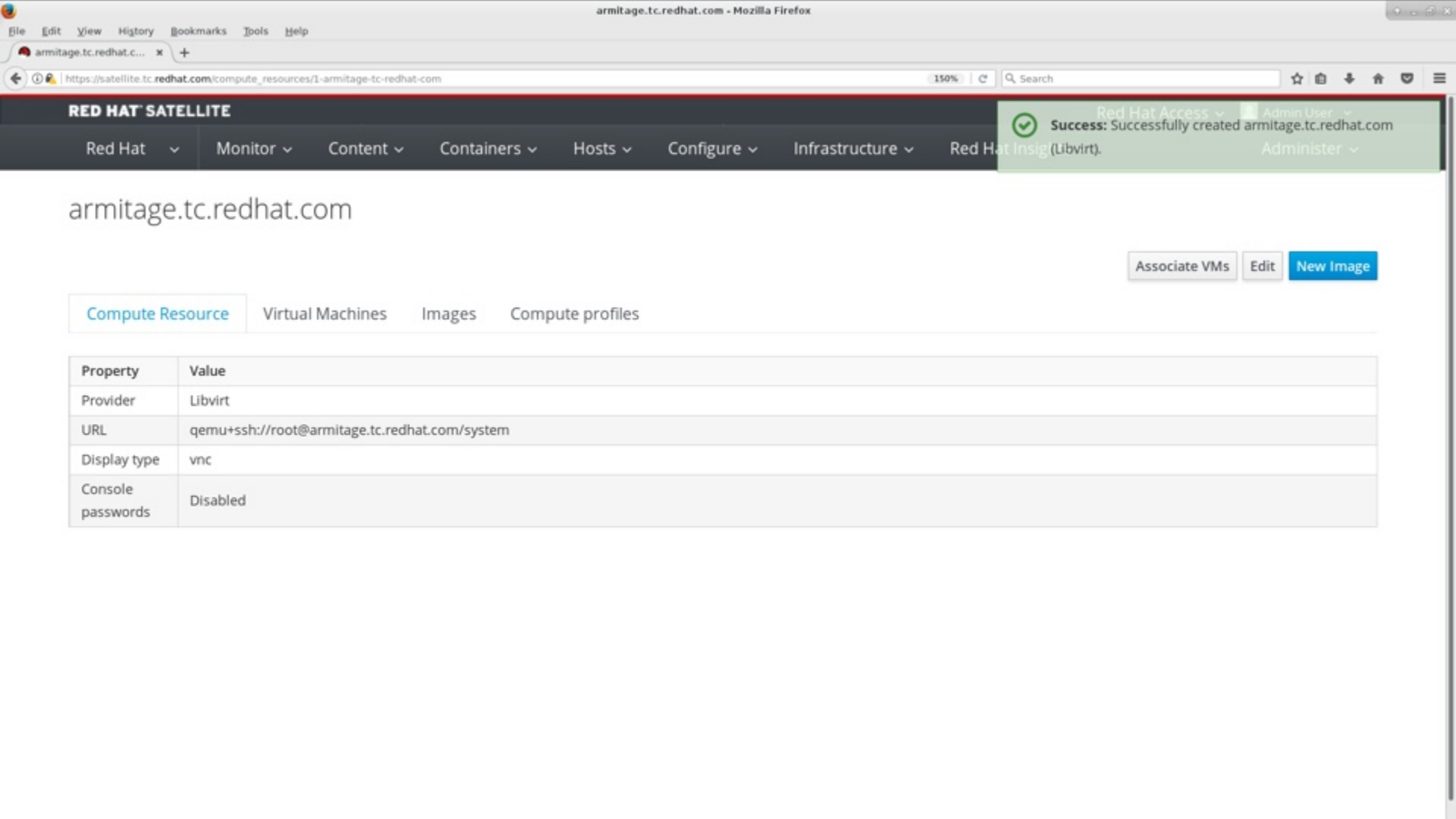
Test Connection

CancelSubmit









RED HAT SATELLITE

Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights (Libvirt)

Red Hat Access ▾
Success: Successfully created armitage.tc.redhat.com

Admin User ▾

Administrator ▾

armitage.tc.redhat.com

Associate VMs

Edit

New Image

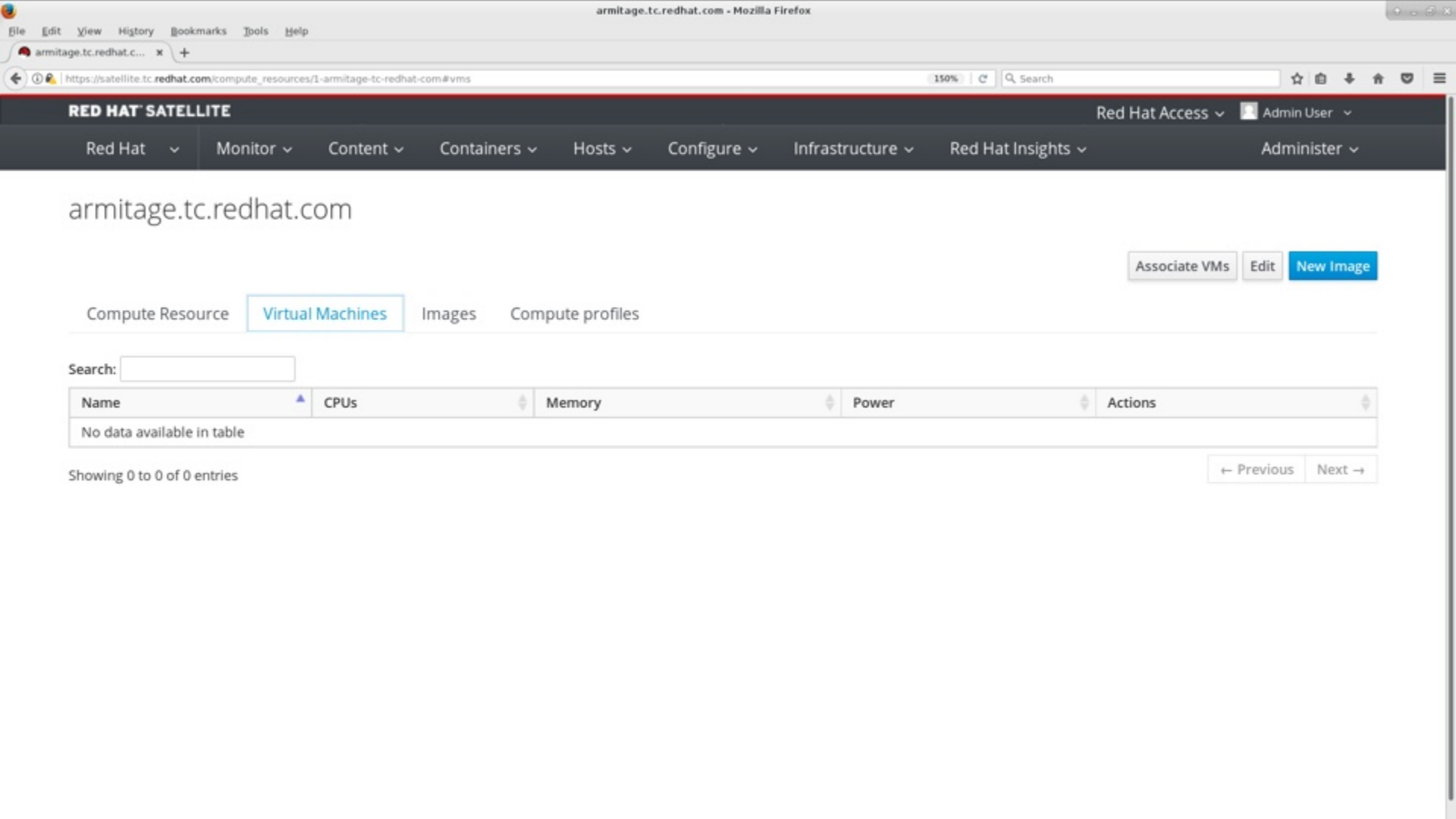
Compute Resource

Virtual Machines

Images

Compute profiles

Property	Value
Provider	Libvirt
URL	qemu+ssh://root@armitage.tc.redhat.com/system
Display type	vnc
Console passwords	Disabled



RED HAT SATELLITE

Red Hat Access

Admin User

Red Hat

Monitor

Content

Containers

Hosts

Configure

Infrastructure

Red Hat Insights

Administer

armitage.tc.redhat.com

Associate VMs

Edit

New Image

Compute Resource

Virtual Machines

Images

Compute profiles

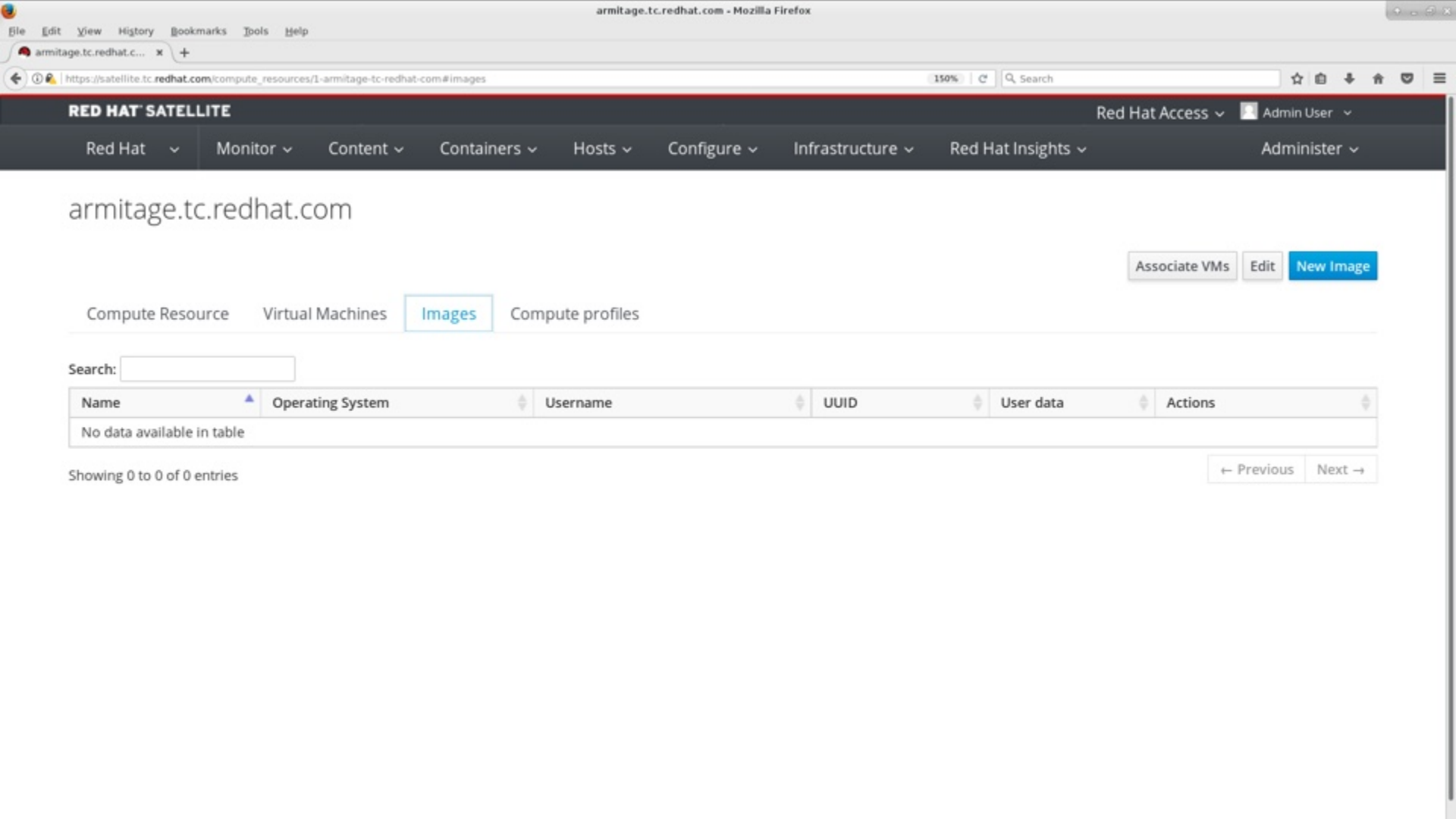
Search:

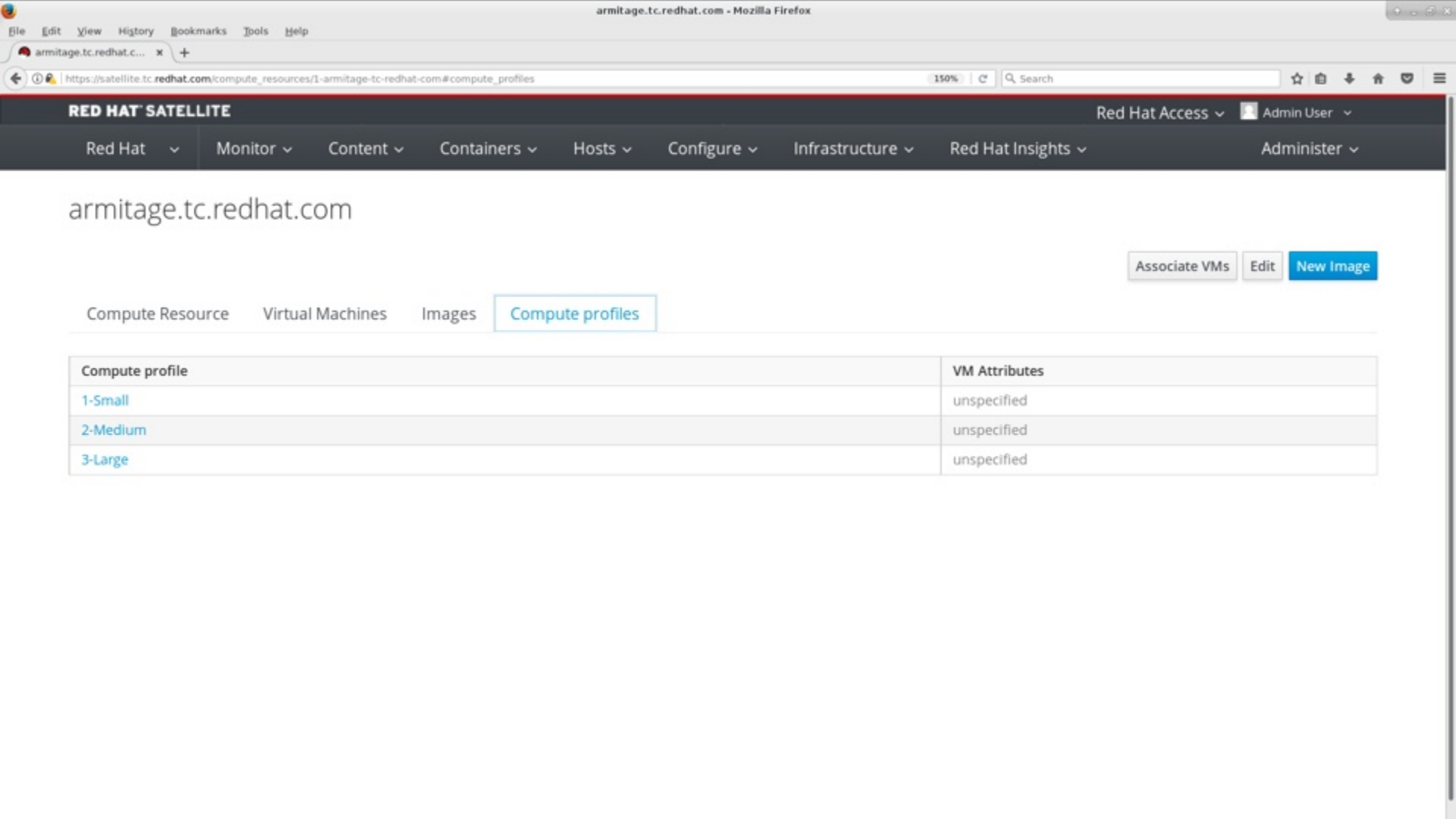
Name	CPUs	Memory	Power	Actions
No data available in table				

Showing 0 to 0 of 0 entries

Previous

Next





armitage.tc.redhat.com

Associate VMs

Edit

New Image

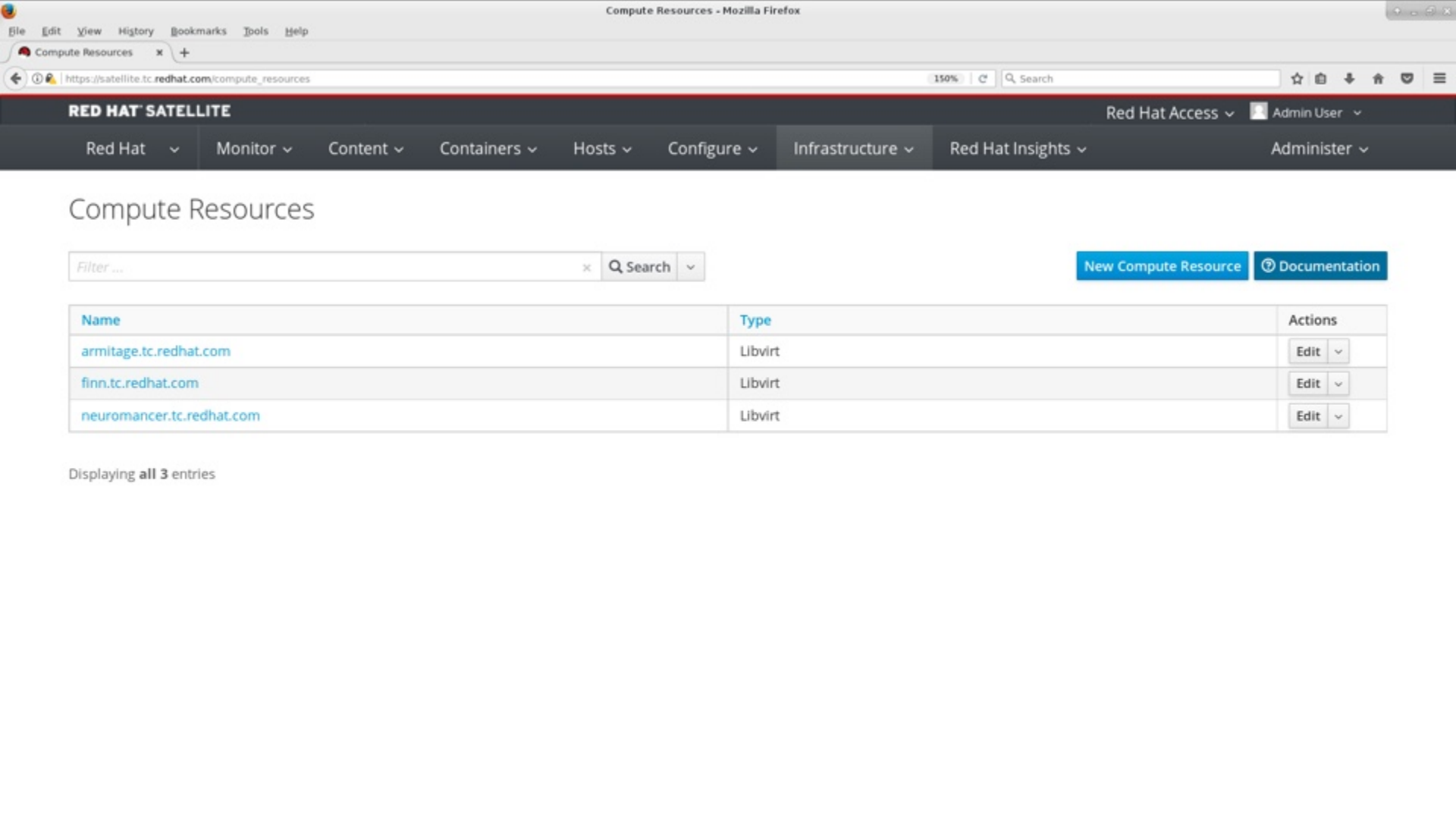
Compute Resource

Virtual Machines

Images

Compute profiles

Compute profile	VM Attributes
1-Small	unspecified
2-Medium	unspecified
3-Large	unspecified



Compute Resources

Filter ...

x

Q Search

⌵

New Compute Resource

Documentation

Name	Type	Actions
armitage.tc.redhat.com	Libvirt	Edit ⌵
finn.tc.redhat.com	Libvirt	Edit ⌵
neuromancer.tc.redhat.com	Libvirt	Edit ⌵

Displaying all 3 entries

BUILD A NEW VM

FileEditViewHistoryBookmarksToolsHelp

Compute Resourcesx+

https://satellite.tc.redhat.com/compute_resources150%Search

RED HAT SATELLITE

Red Hat AccessAdmin User

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

Compute Resources

Filter ...

Name
armitage.tc.redhat.com
finn.tc.redhat.com
neuromancer.tc.redhat.com

Displaying all 3 entries

All hosts

Discovered hosts

Content Hosts

Host Collections

New host

PROVISIONING SETUP

Architectures

Hardware models

Installation media

Operating systems

TEMPLATES

Partition tables

Provisioning templates

Job templates

COMPLIANCE

Policies

SCAP contents

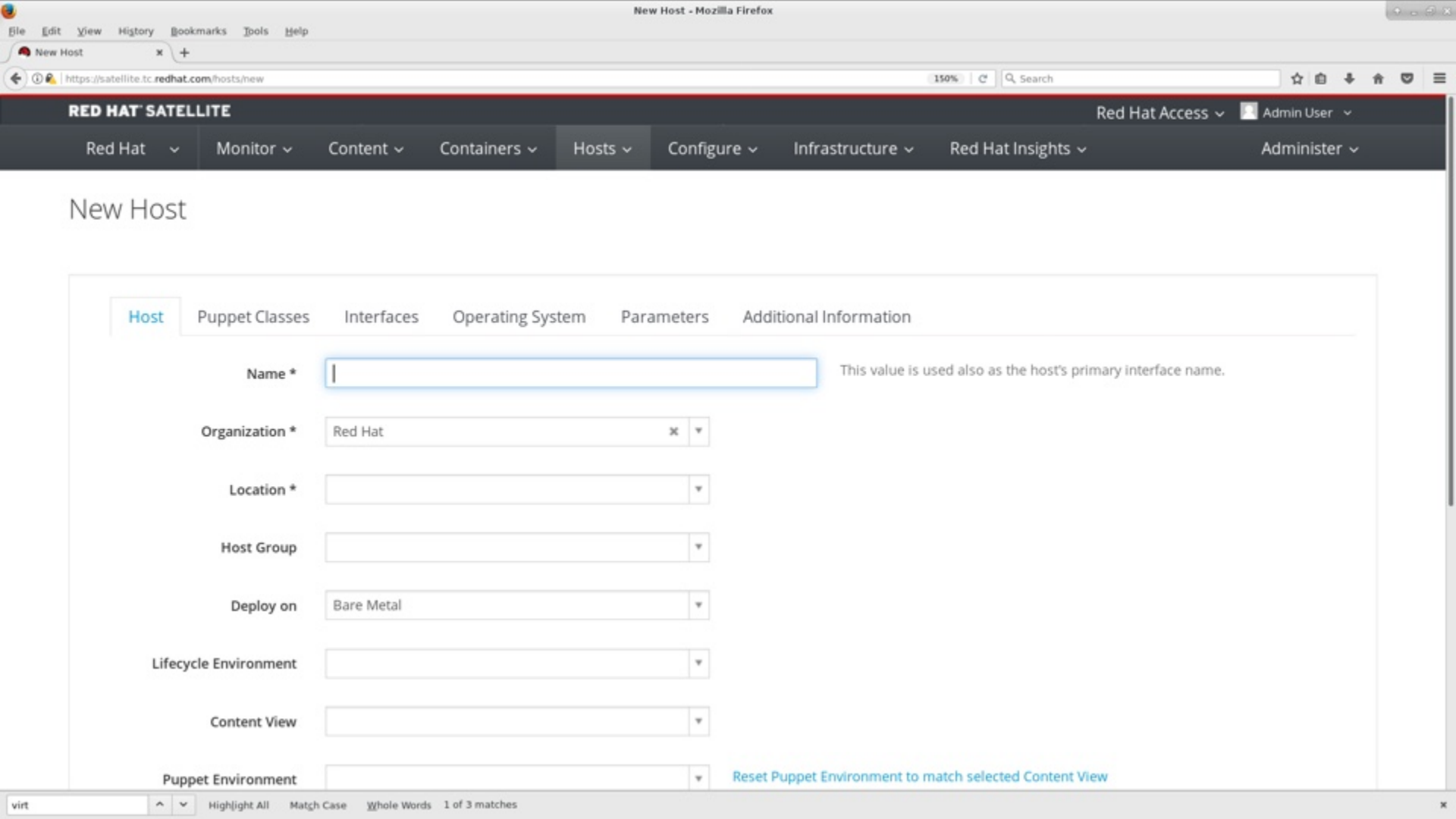
Reports

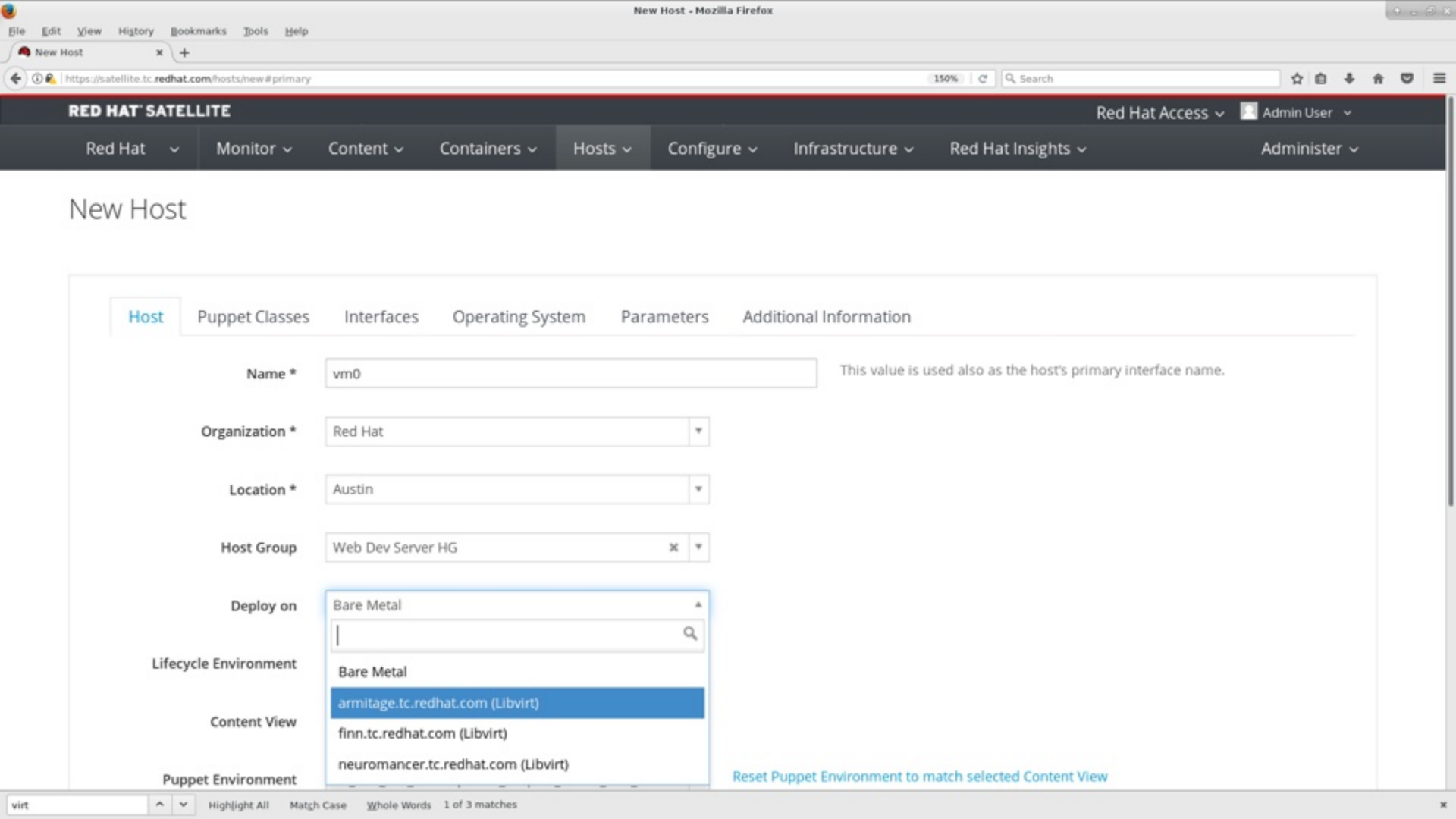
New Compute ResourceDocumentation

Type	Actions
Libvirt	Edit
Libvirt	Edit
Libvirt	Edit

https://satellite.tc.redhat.com/hosts/new

virt^vHighlight AllMatch Casewhole Words1 of 3 matches





New Host

Host

Puppet Classes

Interfaces

Operating System

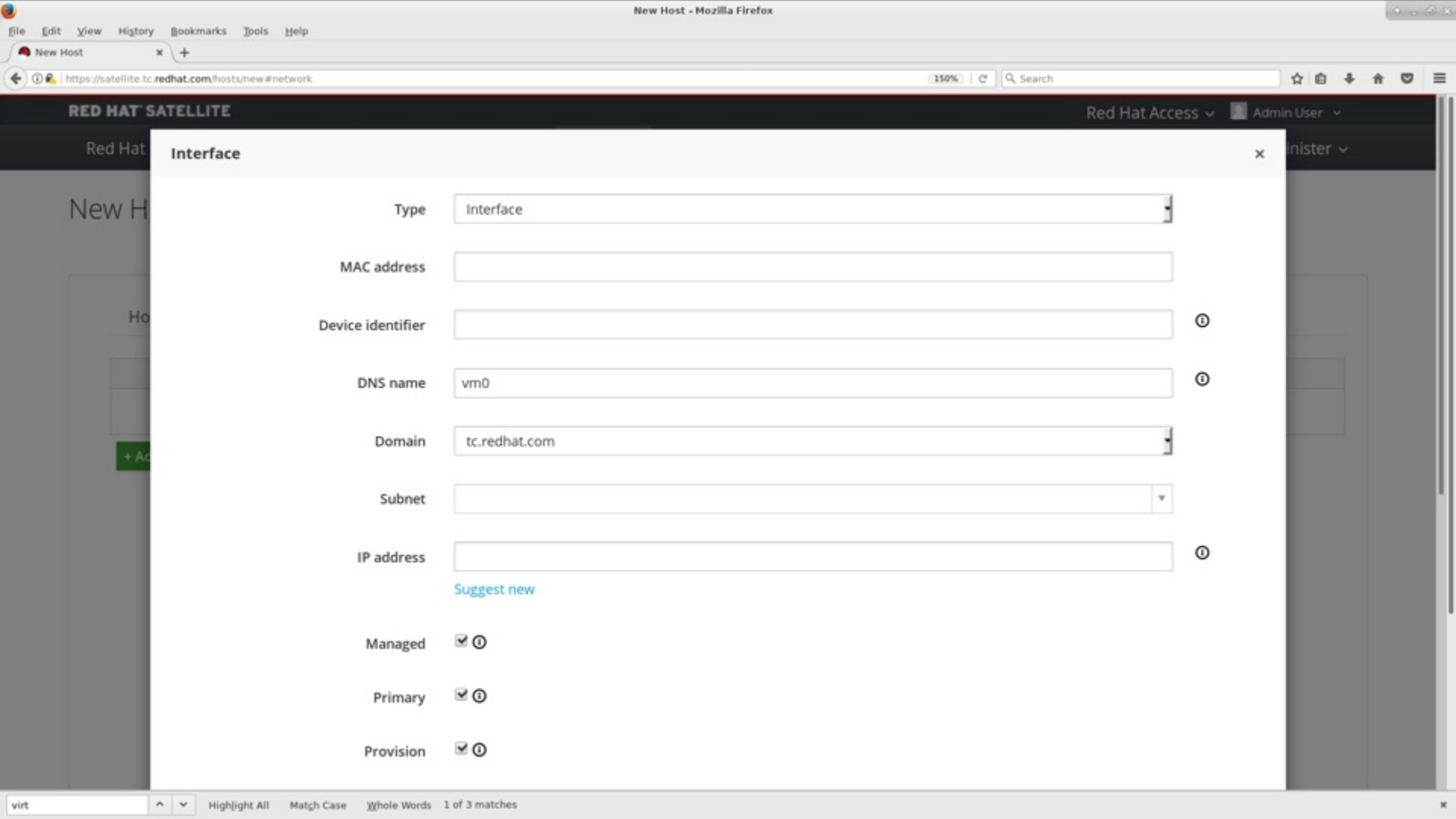
Virtual Machine

Parameters

Additional Information

	Identifier	Type	MAC address	IP address	FQDN	Actions
		Interface physical @ bridge br0			vm0.tc.redhat.com	Edit Delete

+ Add Interface



RED HAT SATELLITE

Red Hat Access ⌵

Admin User ⌵

Red Hat

Interface x

Administer ⌵

New Host

Host

+ Add

Type Interface

MAC address

Device identifier

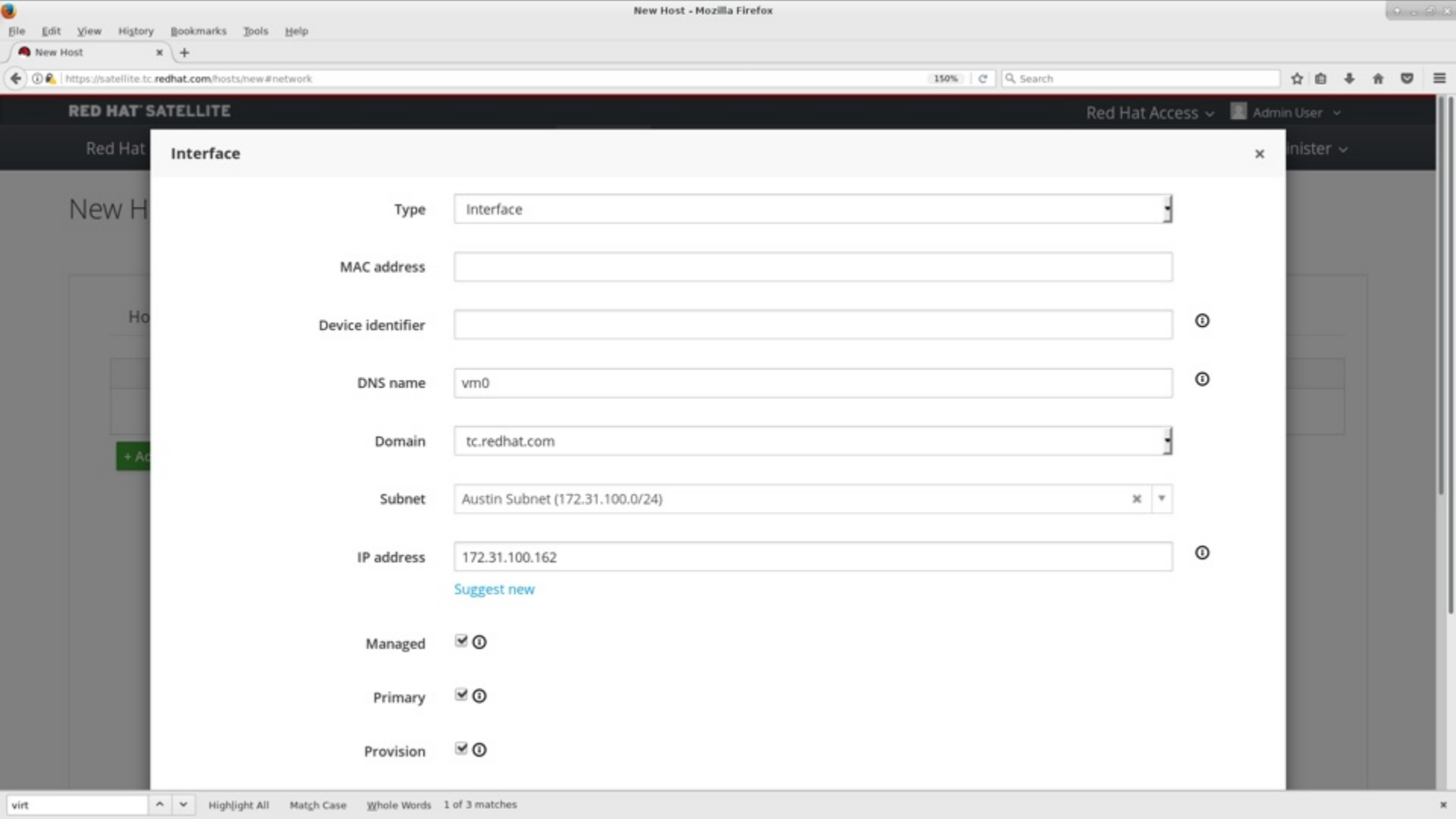
DNS name

Domain

Subnet

IP address

[Suggest new](#)Managed ☒ ⓘPrimary ☒ ⓘProvision ☒ ⓘ



RED HAT SATELLITE

Red Hat Access ⌵

Admin User ⌵

Red Hat

Interface x

Administer ⌵

New Host

Hosts

+ Add

Type Interface

MAC address

Device identifier

DNS name

vm0

Domain

tc.redhat.com

Subnet

Austin Subnet (172.31.100.0/24)

IP address

172.31.100.162

[Suggest new](#)

Managed



Primary



Provision



RED HAT

Red Hat

New H

Ho

+ Ac

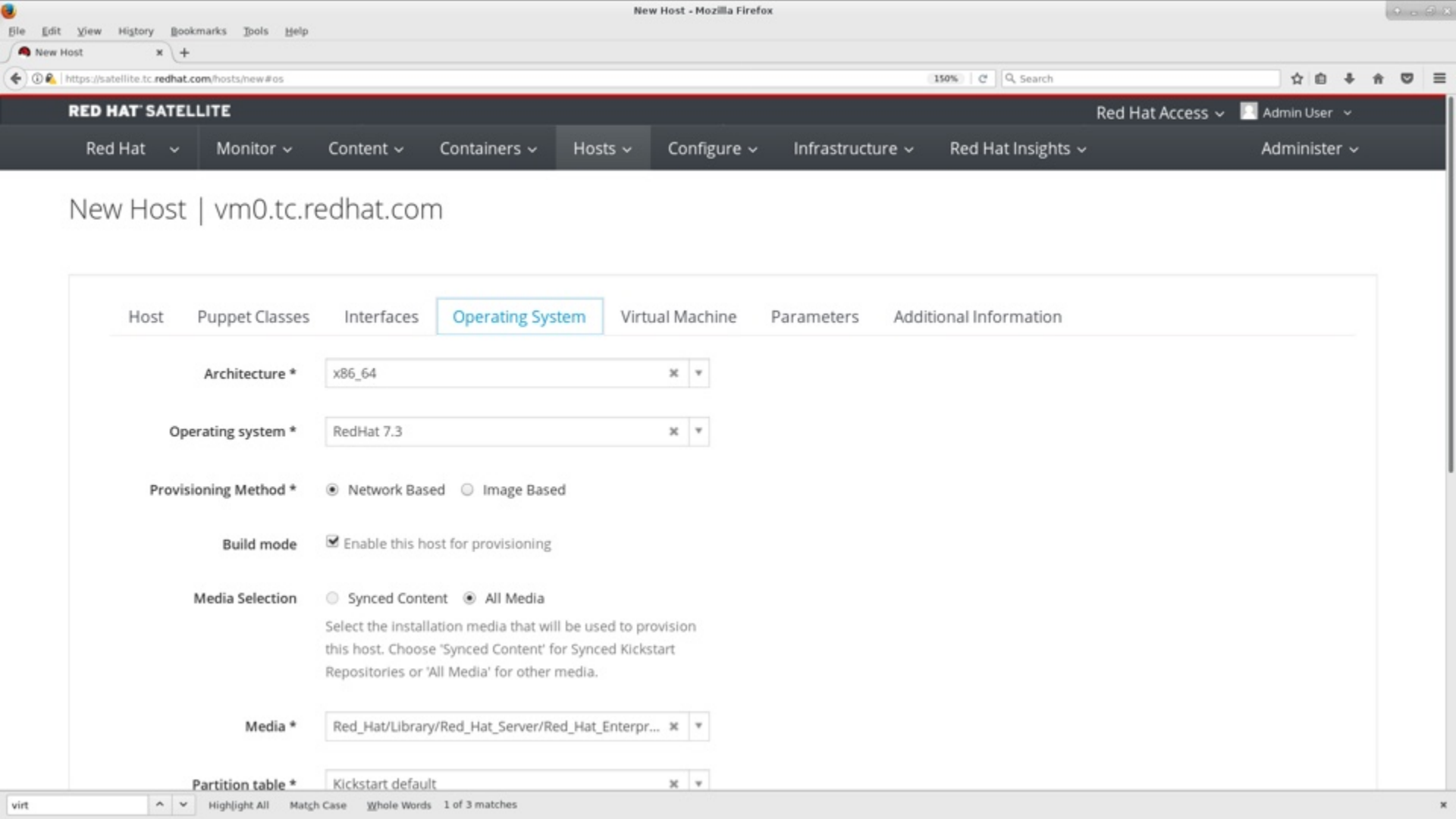
[Suggest new](#)Managed ☒ ⓘPrimary ☒ ⓘProvision ☒ ⓘRemote execution ☒ ⓘVirtual NIC ☐ ⓘ

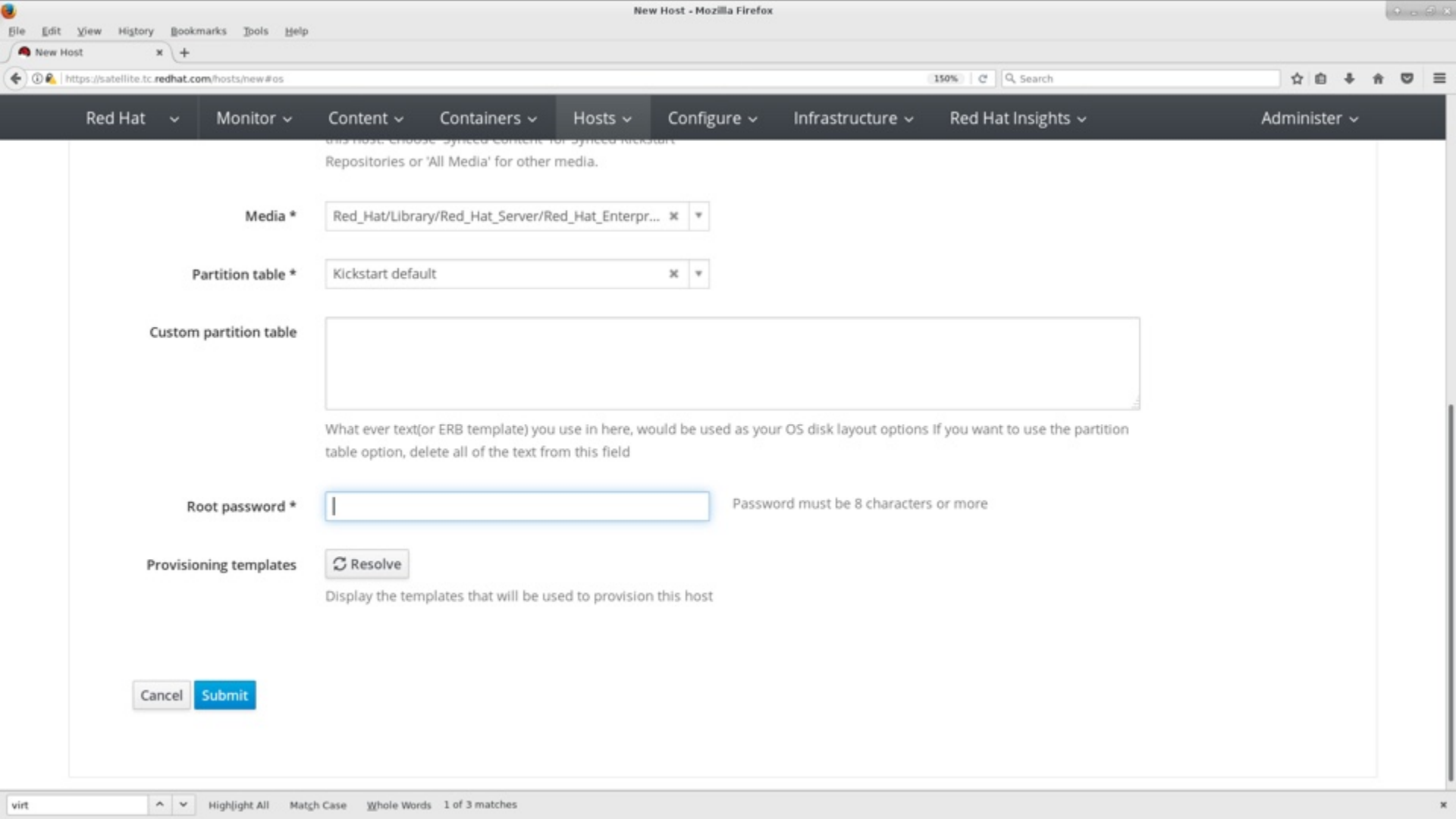
Libvirt

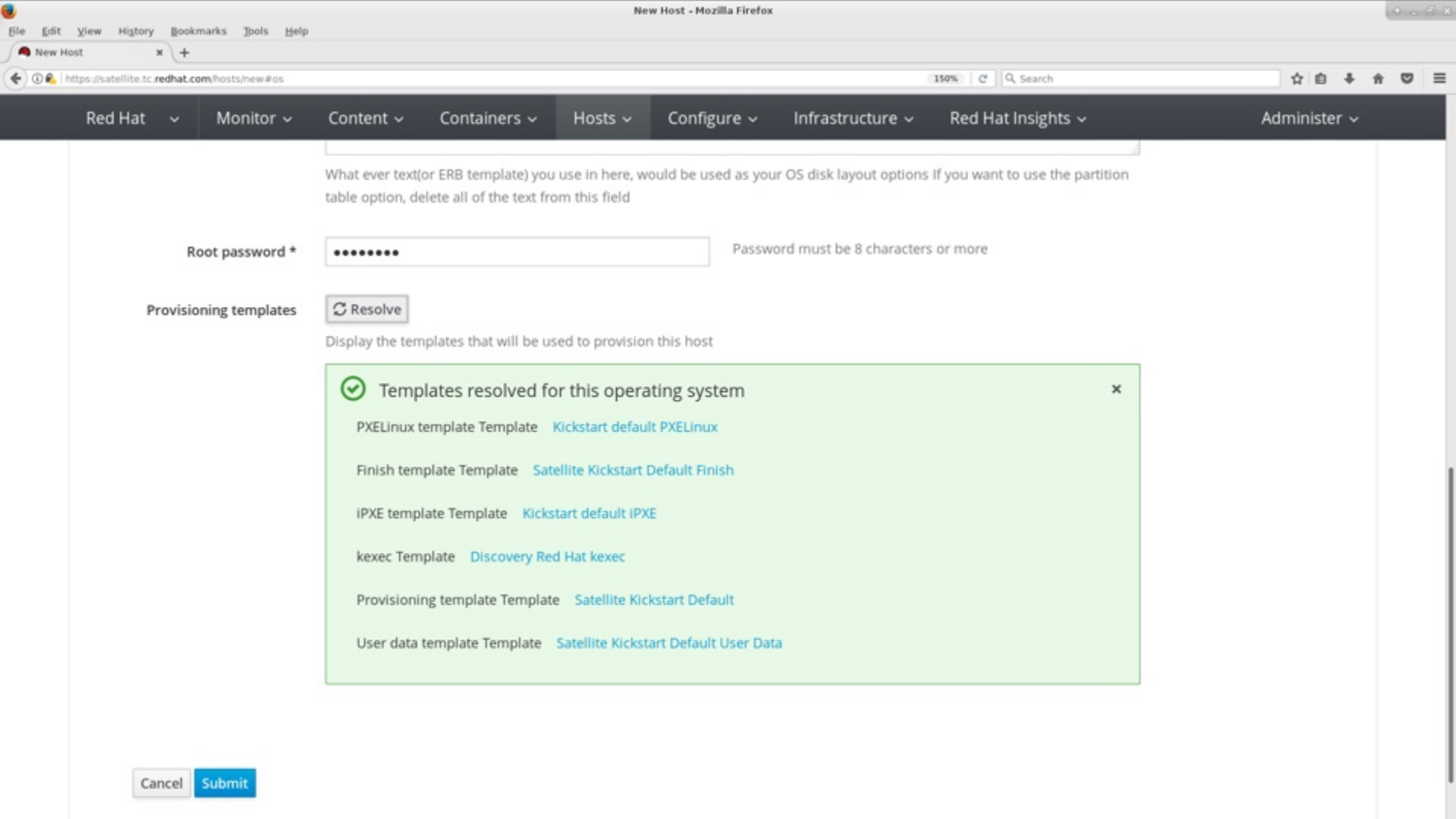
Network type Network NIC type

Cancel

Ok







What ever text(or ERB template) you use in here, would be used as your OS disk layout options If you want to use the partition table option, delete all of the text from this field

Root password *

••••••••

Password must be 8 characters or more

Provisioning templates

Resolve

Display the templates that will be used to provision this host



Templates resolved for this operating system



PXELinux template Template [Kickstart default PXELinux](#)

Finish template Template [Satellite Kickstart Default Finish](#)

IPXE template Template [Kickstart default IPXE](#)

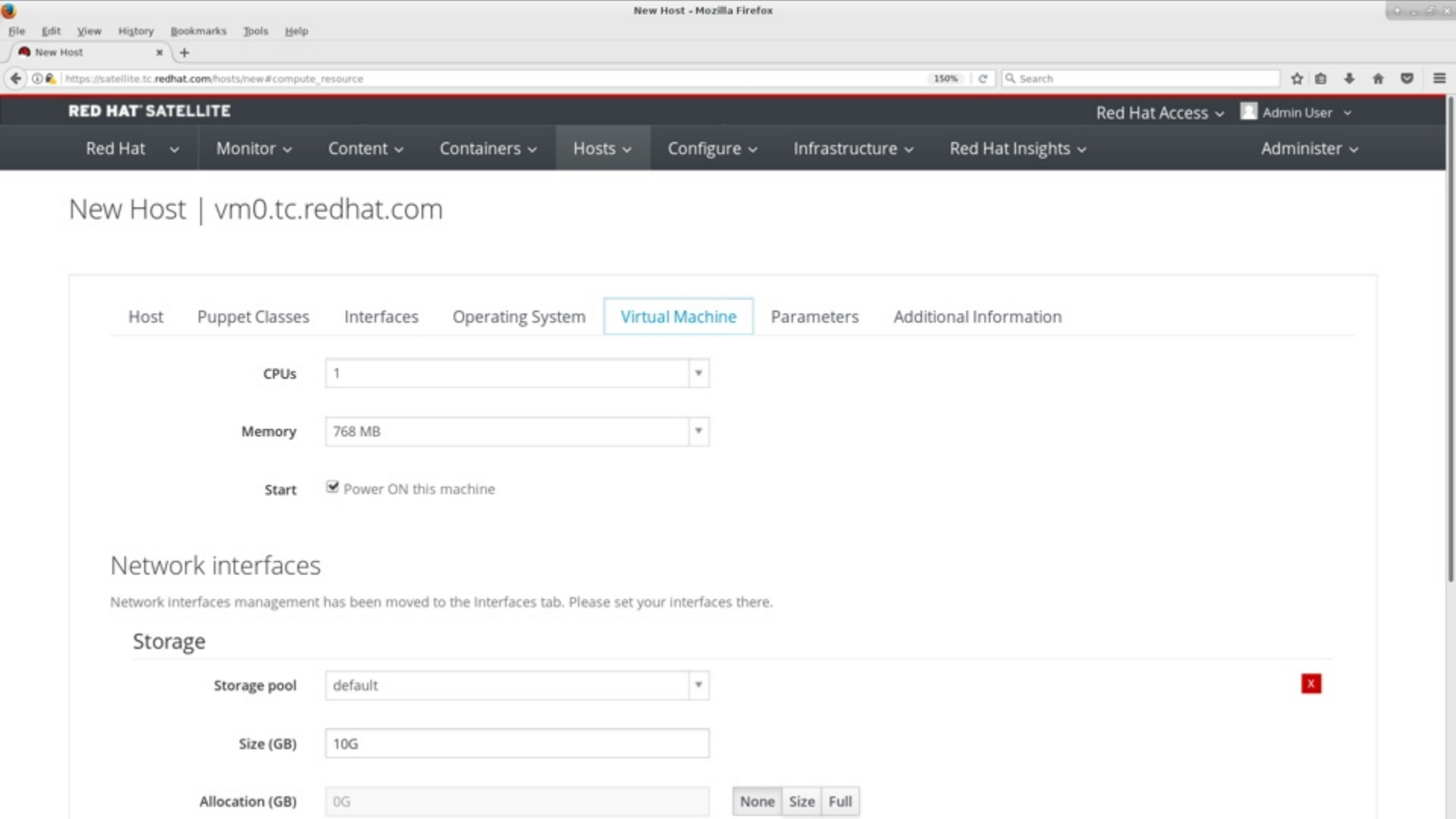
kexec Template [Discovery Red Hat kexec](#)

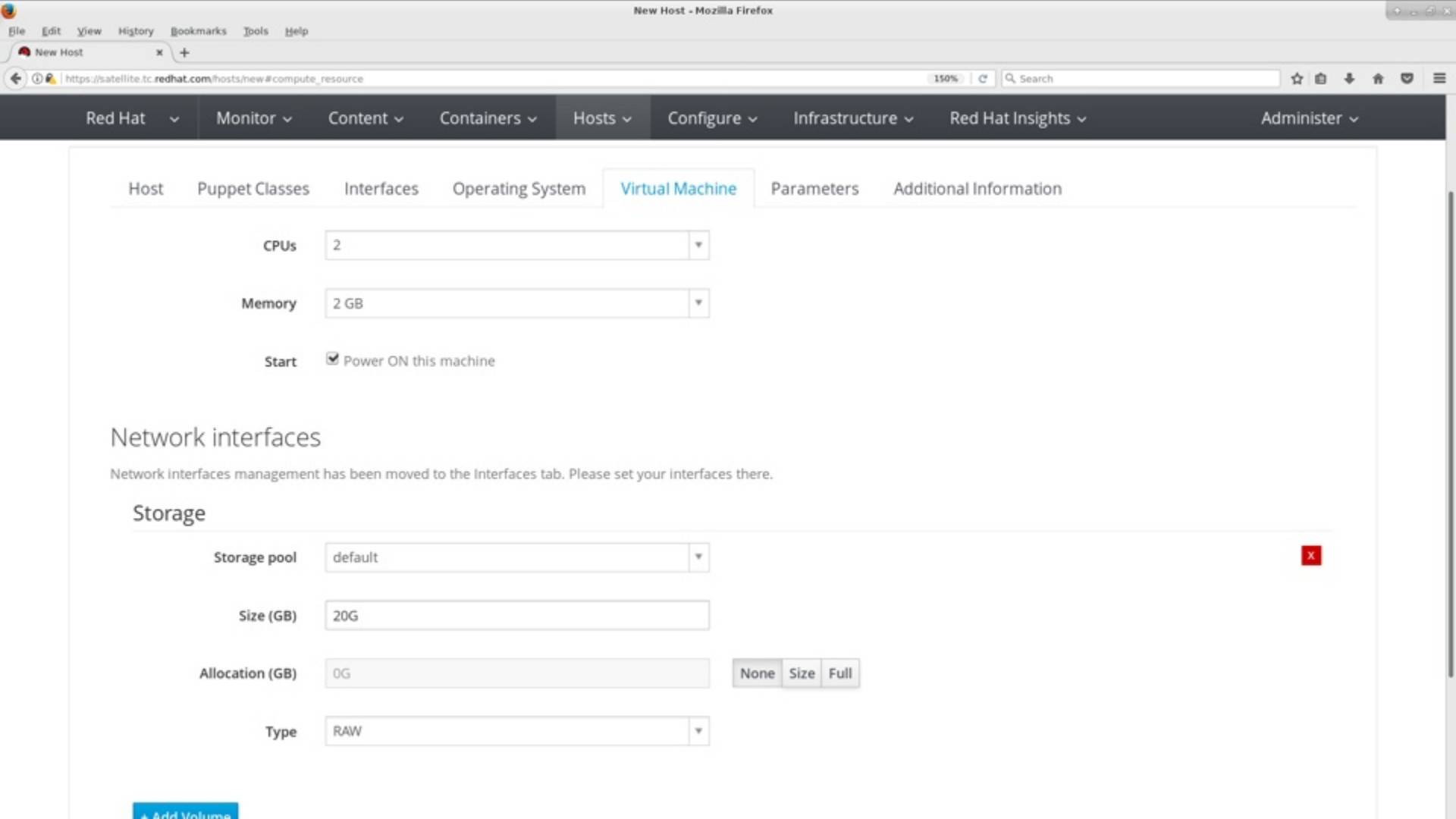
Provisioning template Template [Satellite Kickstart Default](#)

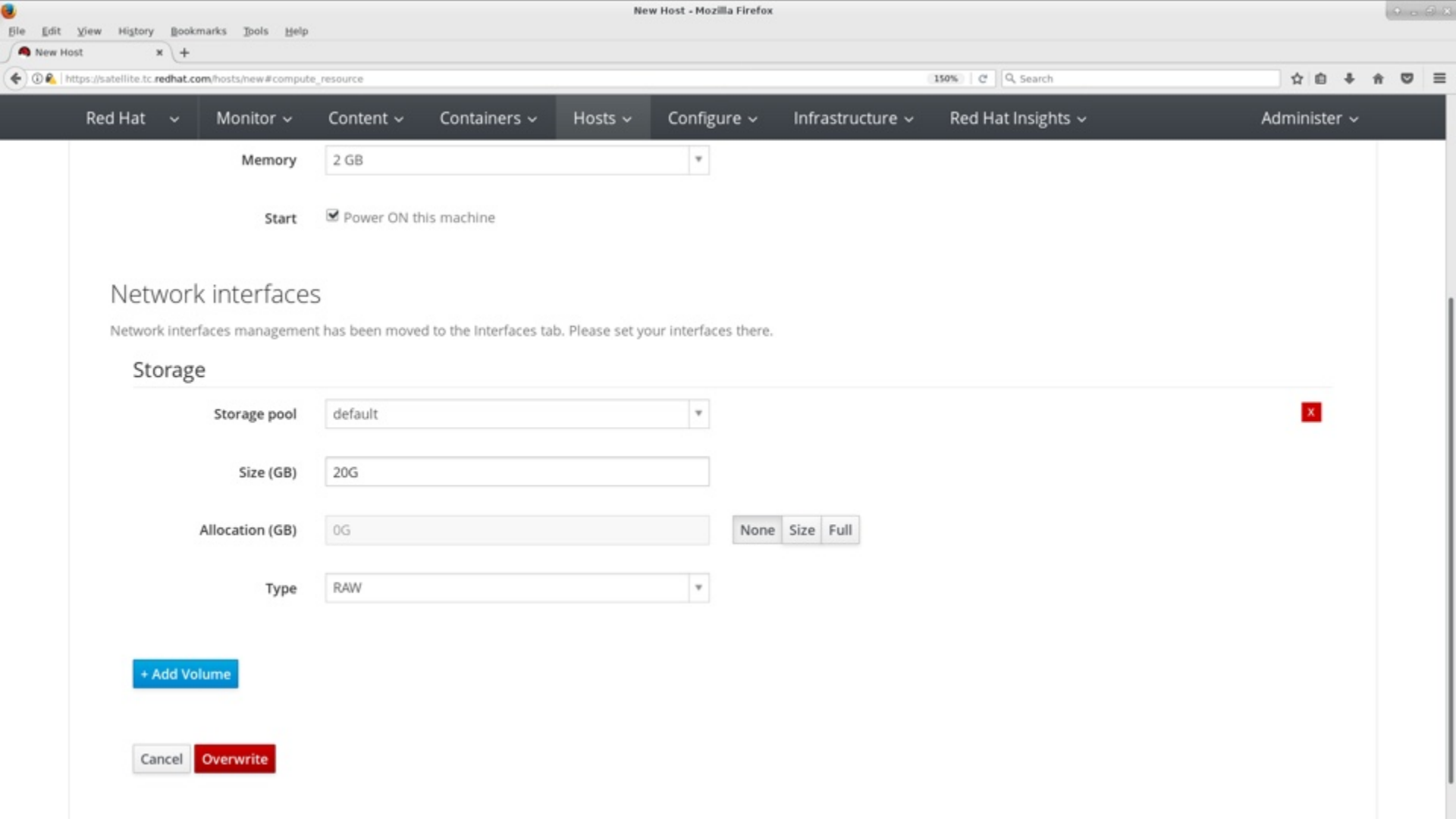
User data template Template [Satellite Kickstart Default User Data](#)

Cancel

Submit







Red Hat ▾

Monitor ▾

Content ▾

Containers ▾

Hosts ▾

Configure ▾

Infrastructure ▾

Red Hat Insights ▾

Administer ▾

Memory

2 GB ▾

Start

☒ Power ON this machine

Network interfaces

Network interfaces management has been moved to the Interfaces tab. Please set your interfaces there.

Storage

Storage pool

default ▾



Size (GB)

20G

Allocation (GB)

0G

None

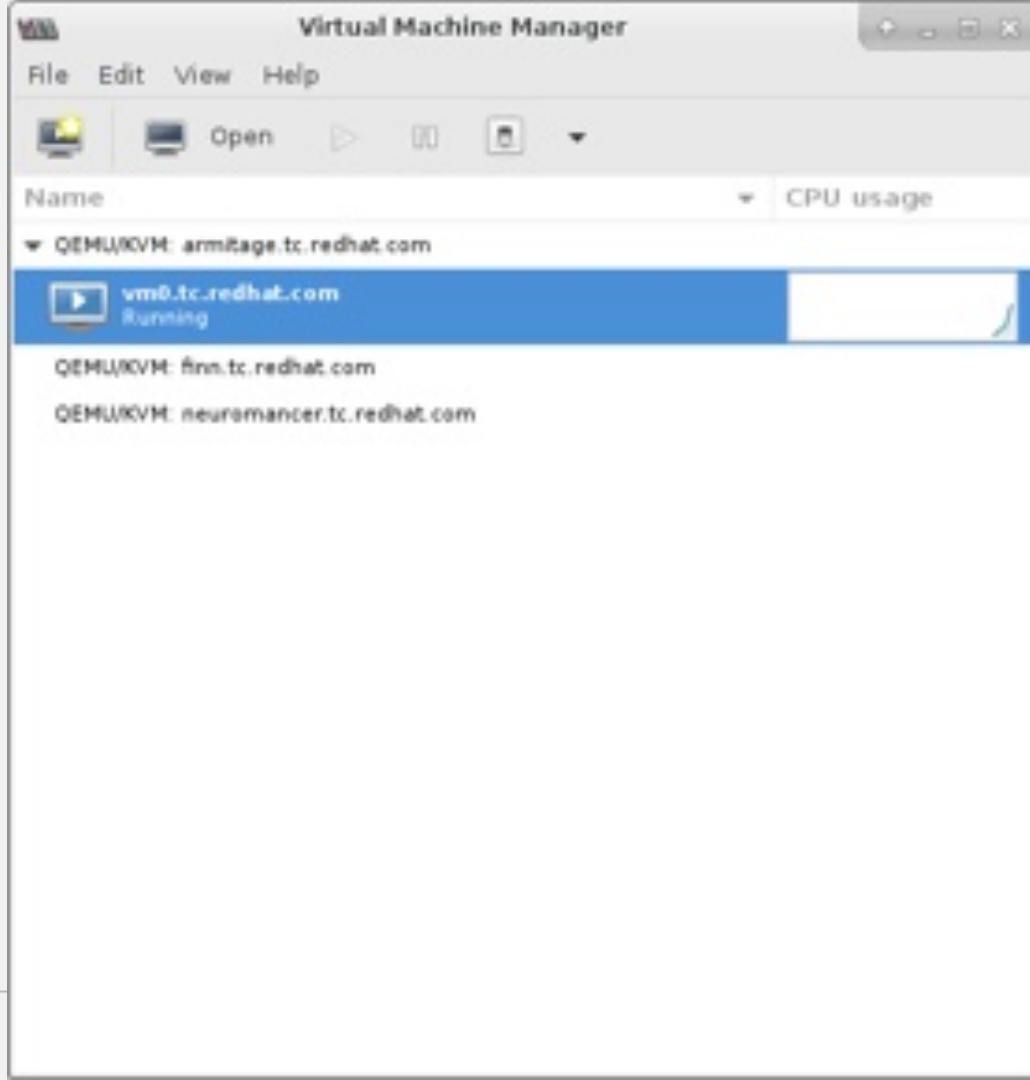
Size

Full

Type

RAW ▾

[+ Add Volume](#)[Cancel](#)[Overwrite](#)



vm0.tc.redhat.com on QEMU/KVM: amitage.tc.redhat.com

File Virtual Machine View Send Key

Features: DNS HTTP iSCSI TFTP AoE ELF MBOOT PXE bzImage Menu PXEXT

net0: 52:54:00:82:dd:c4 using virtio-net on PCI00:03.0 (open)
[Link:up, TX:0 TXE:0 RX:0 RXE:0]
Configuring (net0 52:54:00:82:dd:c4)..... ok
net0: 172.31.100.162/255.255.255.0 gw 172.31.100.29
Next server: 172.31.100.19
Filename: pxelinux.0
tftp://172.31.100.19/pxelinux.0... ok
pxelinux.0 : 26826 bytes [PXE-MBP]

PXELINUX 4.05 0x5731e544 Copyright (C) 1994-2011 H. Peter Anvin et al
!PXE entry point found (we hope) at 9C74:0161 via plan A
UNDI code segment at 9C74 len 07DE
UNDI data segment at 9CF3 len 20C8
Getting cached packet 01 02 03
My IP address seems to be AC1F64A2 172.31.100.162
ip=172.31.100.162:172.31.100.19:172.31.100.29:255.255.255.0
BOOTIF=01-52-54-00-82-dd-c4
SYSUUID=9ffe4366-98dc-7047-b6d1-b1453ce08c74
TFTP prefix:
Trying to load: pxelinux.cfg/01-52-54-00-82-dd-c4 ok
Loading boot/RedHat-7.3-x86_64-vmlinuz.....
Loading boot/RedHat-7.3-x86_64-initrd.img.....
..

```
vm0.tc.redhat.com on QEMU/KVM: armitage.tc.redhat.com
File Virtual Machine View Send Key

Checking storage configuration...
=====
Installation

1) [x] Language settings                2) [x] Time settings
   (English (United States))           (UTC timezone)
3) [x] Installation source              4) [x] Software selection
   (http://satellite.tc.redhat.com     (Custom software selected)
   /pulp/repos/Red_Hat/Library/con
   tent/dist/rhel/server/7/7.3/x86_6
   4/kickstart/)
5) [x] Installation Destination        8) [ ] User creation
   (Automatic partitioning             (No user will be created)
   selected)
7) [x] Network configuration
   (Wired (eth0) connected)
=====

Progress
Setting up the installation environment

Creating disklabel on /dev/vda
Creating xfs on /dev/vda1
Creating lvm on /dev/vda2
Creating swap on /dev/mapper/rhel_vda8-swap
Creating xfs on /dev/mapper/rhel_vda8-root
Running pre-installation scripts
Starting package installation process
Preparing transaction from installation source
Installing libgcc (1/335)
Installing redhat-release-server (2/335)
Installing setup (3/335)
Installing filesystem (4/335)
Installing tzdata (5/335)
Installing basesystem (6/335)
Installing emacs-filesystem (7/335)
Installing ncurses-base (8/335)
Installing nss-softoken-freebl (9/335)
Installing glibc-common (18/335)

[anaconda] 1:main= 2:shell 3:log 4:storage-log 5:program-log
```

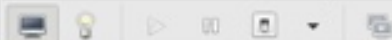
```
vm0.tc.redhat.com on QEMU/KVM: armitage.tc.redhat.com
File Virtual Machine View Send Key
Installing grub2 (291/335)
Installing tuned (292/335)
Installing audit (293/335)
Installing postfix (294/335)
Installing aic94xx-firmware (295/335)
Installing irqbalance (296/335)
Installing openssh-server (297/335)
Installing chrony (298/335)
Installing biosdevname (299/335)
Installing microcode_ctl (300/335)
Installing dracut-config-rescue (301/335)
Installing parted (302/335)
Installing iprutils (303/335)
Installing kernel-tools (304/335)
Installing openssh-clients (305/335)
Installing selinux-policy-targeted (306/335)
Installing redhat-support-tool (307/335)
Installing authconfig (308/335)
Installing sudo (309/335)
Installing Red_Hat_Enterprise_Linux-Release_Notes-7-en-US (310/335)
Installing btrfs-progs (311/335)
Installing e2fsprogs (312/335)
Installing xfsprogs (313/335)
Installing uget (314/335)
Installing libsysfs (315/335)
Installing rootfiles (316/335)
Installing iwl100-firmware (317/335)
Installing iwl6858-firmware (318/335)
Installing iwl2838-firmware (319/335)
Installing NetworkManager-config-server (320/335)
Installing iwl6000g2a-firmware (321/335)
Installing iwl5008-firmware (322/335)
Installing iwl5158-firmware (323/335)
Installing iwl6000-firmware (324/335)
Installing iwl7265-firmware (325/335)
Installing iwl3168-firmware (326/335)
Installing iwl185-firmware (327/335)
Installing ixtv-firmware (328/335)
Installing iwl6000g2b-firmware (329/335)
Installing iwl135-firmware (330/335)
Installing iwl3945-firmware (331/335)
Installing iwl2800-firmware (332/335)
Installing iwl1800-firmware (333/335)
Installing iwl4965-firmware (334/335)
Installing iwl7268-firmware (335/335)
Performing post-installation setup tasks
[anaconda] 1:main= 2:shell 3:log 4:storage-log 5:program-log
Switch tab: Alt+Tab | Help: F1
```

```
vm0.tc.redhat.com on QEMU/KVM: armitage.tc.redhat.com
File Virtual Machine View Send Key

/etc/resolv.conf -> /mnt/sysimage/etc/resolv.conf
updating system time
Loaded plugins: product-id, search-disabled-repos, subscription-manager
This system is not registered to Red Hat Subscription Management. You can use subscription-manager to register.
There are no enabled repos.
Run "yum repolist all" to see the repos you have.
To enable Red Hat Subscription Management repositories:
    subscription-manager repos --enable <repo>
To enable custom repositories:
    yum-config-manager --enable <repo>
Retrieving http://satellite.tc.redhat.com/pub/katello-ca-consumer-latest.noarch.rpm
Preparing...
Updating / installing...
katello-ca-consumer-satellite.tc.redha
Registering the System
The system has been registered with ID: 1557f4c8-6892-44ed-922f-4e23d8c3f433

Installed Product Current Status:
Product Name: Red Hat Enterprise Linux Server
Status:      Subscribed

Enabling Satellite Tools Repo
DEPRECATED: This may be removed in a future version of Satellite, please add Satellite Tools to your activation key(s).
Repository 'rhel-7-server-satellite-tools-6.2-rpms' is enabled for this system.
Installing Katello Agent
Loaded plugins: product-id, search-disabled-repos, subscription-manager
```



```

ipa_supplicant      x86_64 1:2.0-21.el7_3      rhel-7-server-rpms 788 k
xfsprogs            x86_64 4.5.0-9.el7_3          rhel-7-server-rpms 895 k
yum-rhn-plugin      noarch 2.0.1-6.1.el7_3          rhel-7-server-rpms  88 k

```

Transaction Summary

```

*****
Install  1 Package
Upgrade 71 Packages

```

Total download size: 182 M

Downloading packages:

Delta RPMs disabled because /usr/bin/applydelta.rpm not installed.

```

-----
Total                                     21 MB/s | 182 MB  00:04

```

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

```

Updating : firewalld-filesystem-0.4.3.2-0.1.el7_3.2.noarch      1/143
Updating : 32:bind-license-9.9.4-38.el7_3.3.noarch             2/143
Updating : tzdata-2017b-1.el7.noarch                           3/143
Updating : glibc-2.17-157.el7_3.1.x86_64                      4/143

```

Warning: /etc/nsswitch.conf created as /etc/nsswitch.conf.rpmnew

```

Updating : bash-4.2.46-21.el7_3.x86_64                        5/143
Updating : glibc-common-2.17-157.el7_3.1.x86_64               6/143
Updating : audit-libs-2.6.5-3.el7_3.1.x86_64                  7/143
Updating : nspr-4.13.1-1.0.el7_3.x86_64                       8/143
Updating : libnsl-2.23.2-33.el7_3.2.x86_64                    9/143
Updating : libblkid-2.23.2-33.el7_3.2.x86_64                  10/143
Updating : nss-util-3.28.4-1.0.el7_3.x86_64                   11/143
Updating : libnls-3.2.28-3.el7_3.x86_64                       12/143
Updating : libgcrypt-1.5.3-13.el7_3.1.x86_64                  13/143
Updating : systemd-libs-219-38.el7_3.8.x86_64                 14/143
Updating : libgudev-219-38.el7_3.8.x86_64                     15/143
Updating : libmount-2.23.2-33.el7_3.2.x86_64                  16/143
Updating : systemd-219-38.el7_3.8.x86_64                      17/143
Updating : util-linux-2.23.2-33.el7_3.2.x86_64                18/143
Updating : 7:device-mapper-libs-1.02.135-1.el7_3.4.x86_64     19/143
Updating : 7:device-mapper-1.02.135-1.el7_3.4.x86_64          20/143
Updating : 7:device-mapper-event-libs-1.02.135-1.el7_3.4.x86_64 21/143
Updating : systemd-sysv-219-38.el7_3.8.x86_64                 22/143
Updating : libselinux-2.5-5.1.el7_3.x86_64                    23/143
Updating : policycoreutils-2.5-11.el7_3.x86_64                 24/143
Updating : selinux-policy-3.13.1-182.el7_3.16.noarch           25/143
Updating : 7:device-mapper-event-1.02.135-1.el7_3.4.x86_64    26/143

```

Running in chroot, ignoring request.

```

Updating : 7:lua2-libs-2.02.166-1.el7_3.4.x86_64              27/143
Updating : initcripts-9.49.37-1.el7_3.1.x86_64                 28/143

```

FileEditViewHistoryBookmarksToolsHelp

vm0.tc.redhat.comx+

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RED HAT SATELLITE

Red Hat AccessAdmin User

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdministrator

vm0.tc.redhat.com

Found 2 reports from the last 1 days

ConsoleRun JobBoot diskEditBuildPower OffRun puppetDelete

Details

AuditsFactsReportsYAMLContent

PropertiesMetricsTemplatesVMNICs

Status	Warning
Build	Installed
Configuration	Active
Errata	Non-security errata applicable
Subscription	Fully entitled
Domain	tc.redhat.com
IP Address	172.31.100.162
MAC Address	52:54:00:82:dd:c4
Puppet Environment	KT_Red_Hat_Development_drupal7_server_CCV_6
Host Architecture	x86_64
Operating	RHEL 7.3

Runtime

last 7 days

Time	Config Retrieval (s)	Runtime (s)
21:44:30	0.8	0.9
21:44:40	1.0	1.1
21:44:50	1.2	1.3
21:45:00	1.4	1.5
21:45:10	1.6	1.7
21:45:20	1.8	1.9
21:45:30	2.0	2.1
21:45:40	2.2	2.3

Resources

last 7 days

Time	Applied	Failed	Failed restarts	Skipped
21:44:30	8.0	0.0	0.0	0.0
21:44:40	9.0	0.0	0.0	0.0
21:44:50	10.0	0.0	0.0	0.0
21:45:00	11.0	0.0	0.0	0.0
21:45:10	12.0	0.0	0.0	0.0
21:45:20	13.0	0.0	0.0	0.0
21:45:30	14.0	0.0	0.0	0.0
21:45:40	15.0	0.0	0.0	0.0

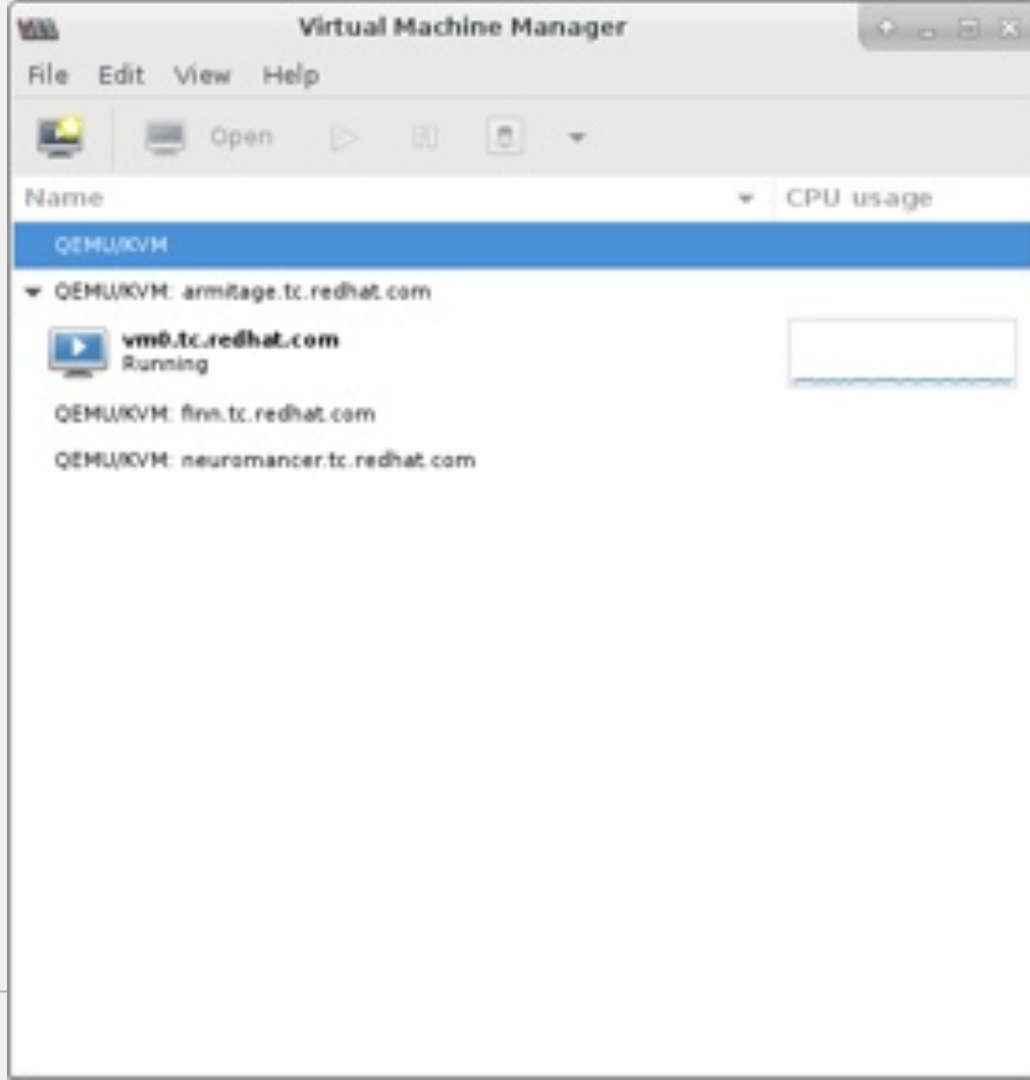

```
Terminal - root@armitage:~
File Edit View Terminal Tabs Help
[root@armitage ~]# virsh list
 Id      Name                                State
-----
 1       vm0.tc.redhat.com                  running

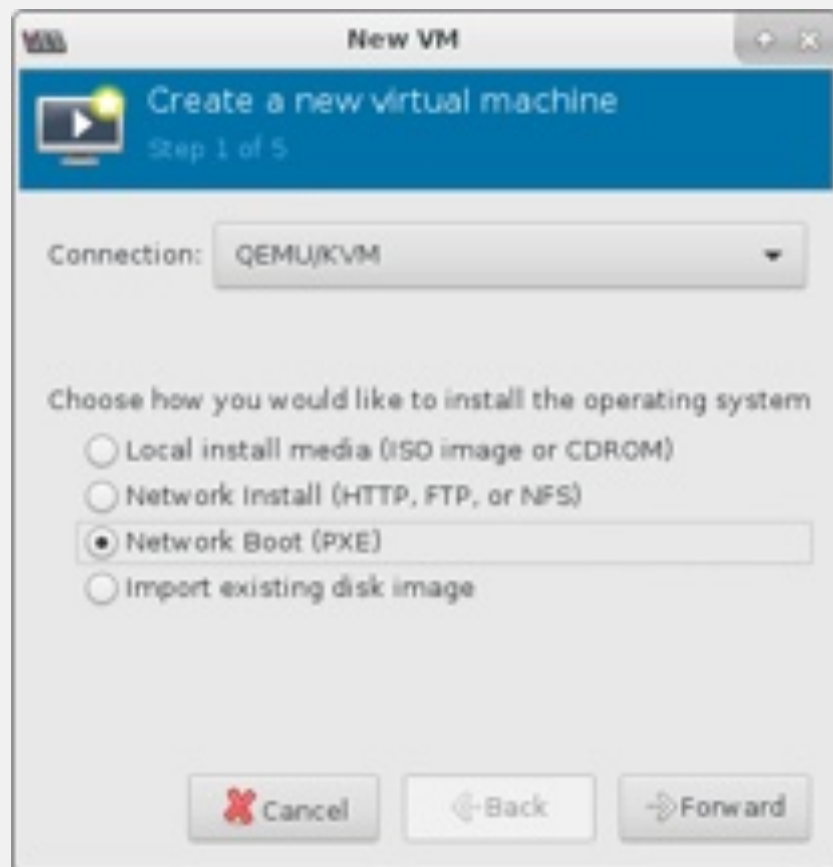
[root@armitage ~]#
```

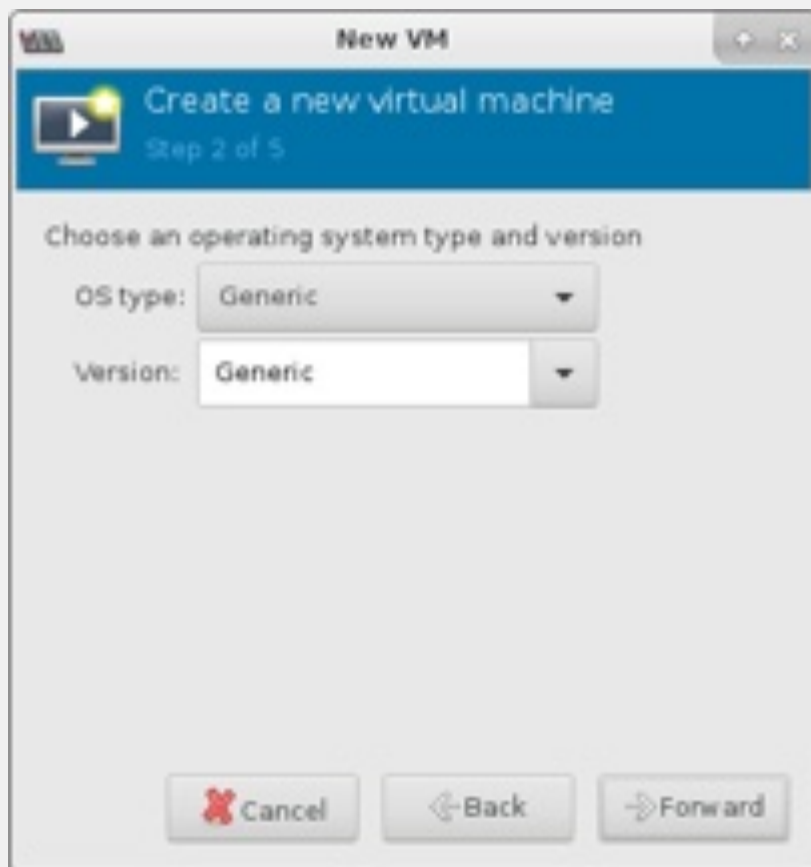
BUILD A NEW PHYSICAL MACHINE

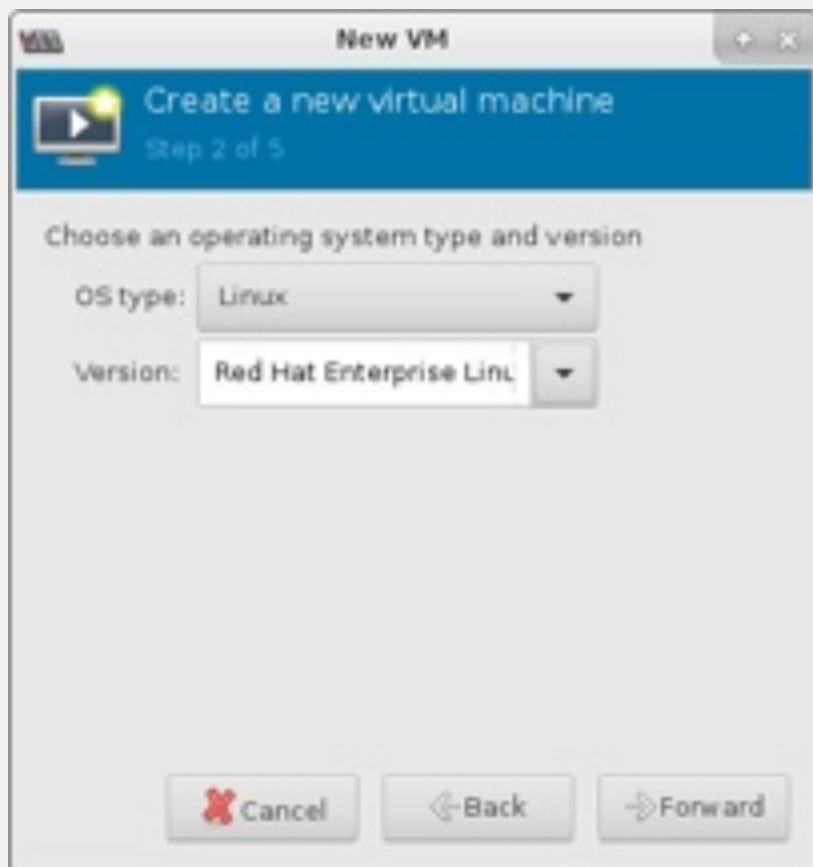
This is a PXE boot, emulating a physical machine

- It's harder to capture screen shots of a physical machine, so I shamelessly cheated for this demo.

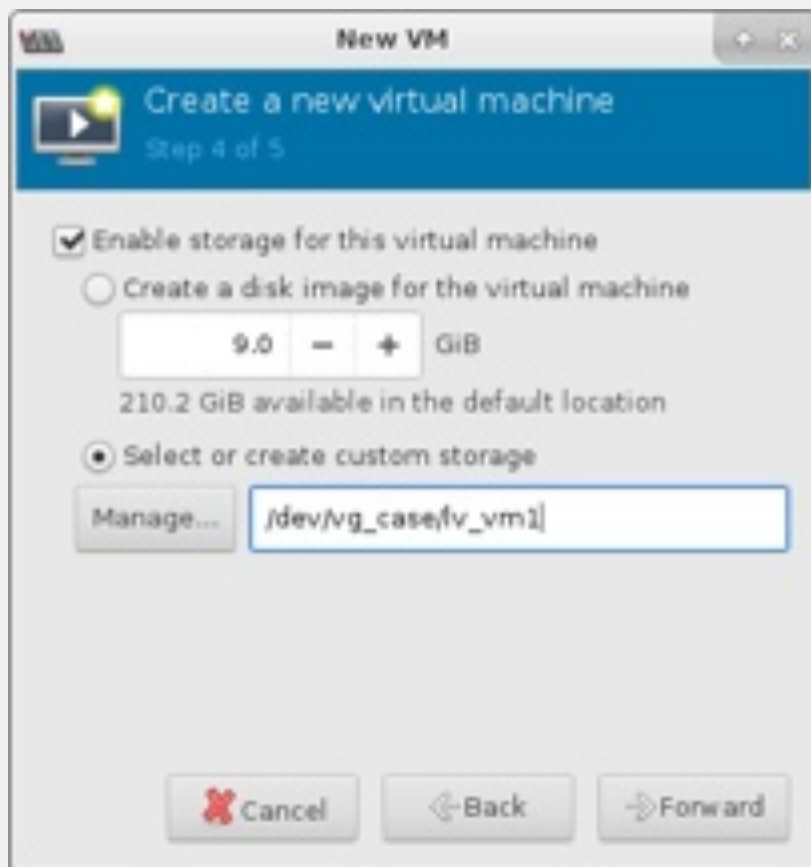


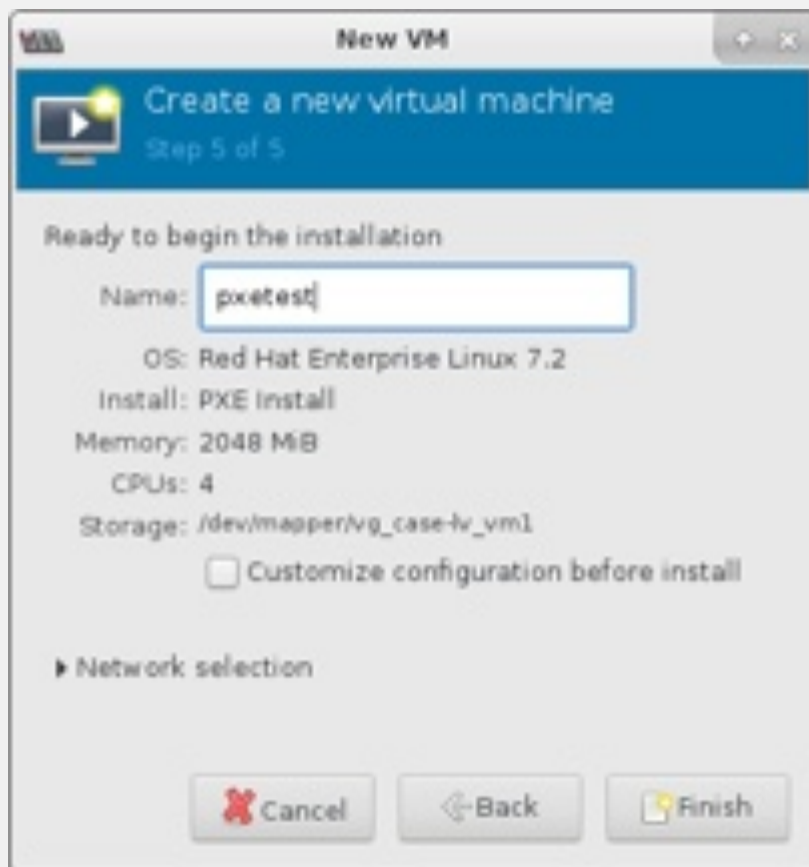




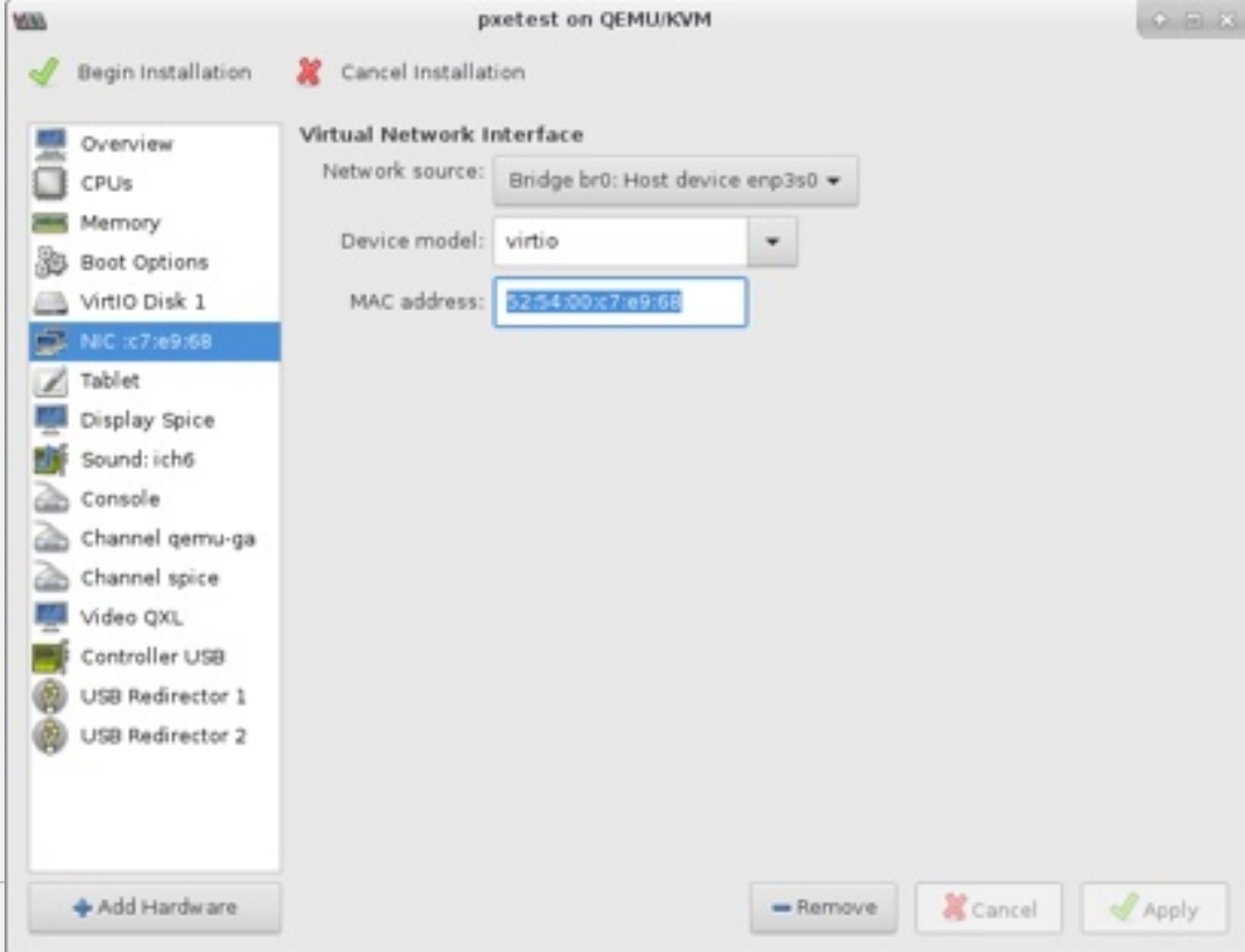












FileEditViewHistoryBookmarksToolsHelp

vm0.tc.redhat.com

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RED HAT SATELLITE

Red Hat AccessAdmin User

Red HatMonitorContentContainersHostsConfigureInfrastructureRed Hat InsightsAdminister

vm0.tc.redhat.com

Found 3 reports from the last 1 days

Details

AuditsFactsReportsYAMLContent

PropertiesMetricsTemplatesVMNICs

Properties	
Status	Warning
Build	Installed
Configuration	No changes
Errata	Non-security errata applicable
Subscription	Fully entitled
Domain	tc.redhat.com
IP Address	172.31.100.162
MAC Address	52:54:00:82:dd:c4
Puppet Environment	KT_Red_Hat_Development_drupal7_server_CCV_6
Host Architecture	x86_64

All hosts

Discovered hosts

Content Hosts

Host Collections

New host

PROVISIONING SETUP

Architectures

Hardware models

Installation media

Operating systems

TEMPLATES

Partition tables

Provisioning templates

Job templates

COMPLIANCE

Policies

SCAP contents

Reports

ConsoleRun JobBoot diskEditBuildPower OffRun puppetDelete

Runtime

last 7 days

Config Retrieval

Runtime

Resources

last 7 days

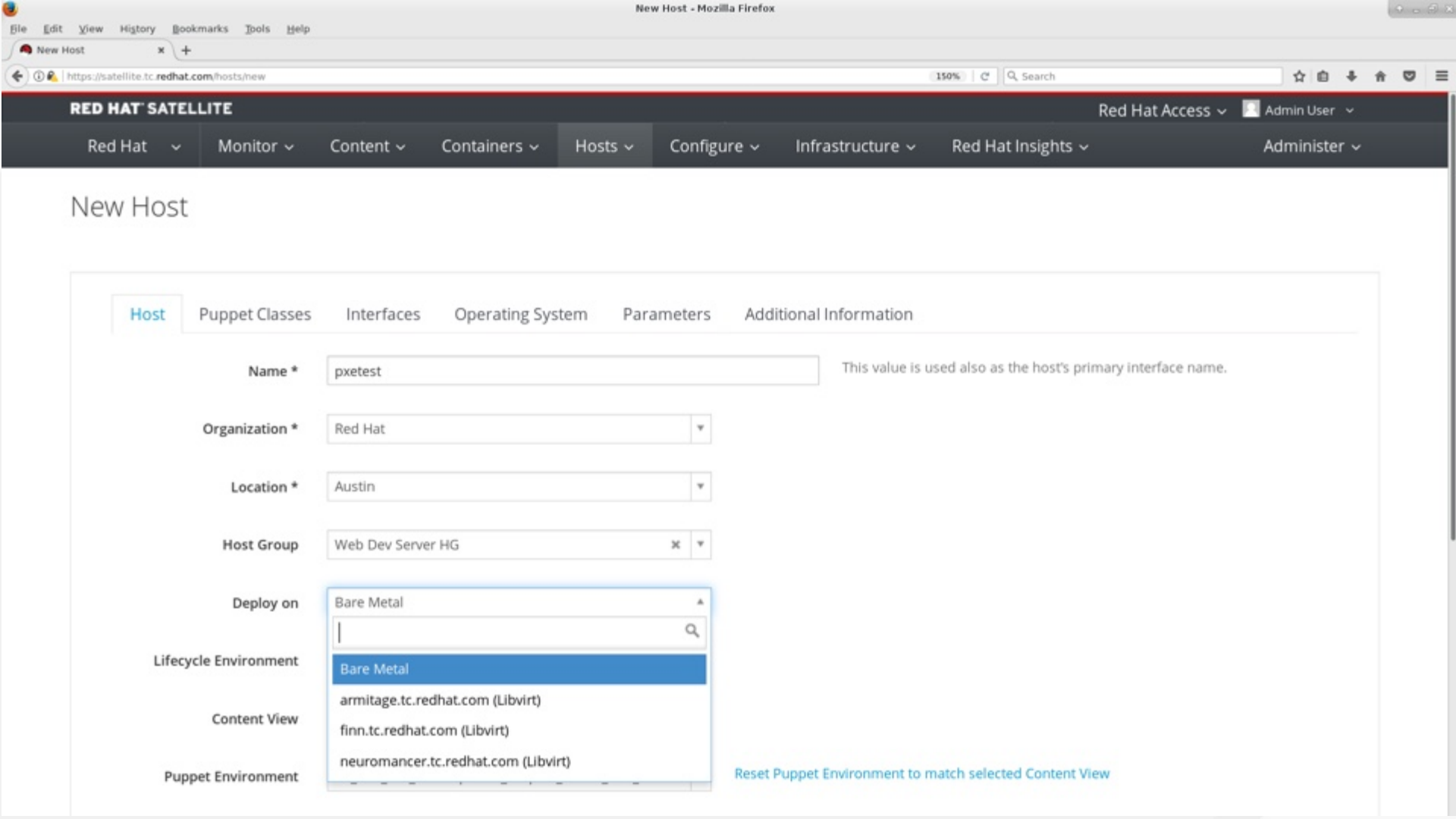
Applied

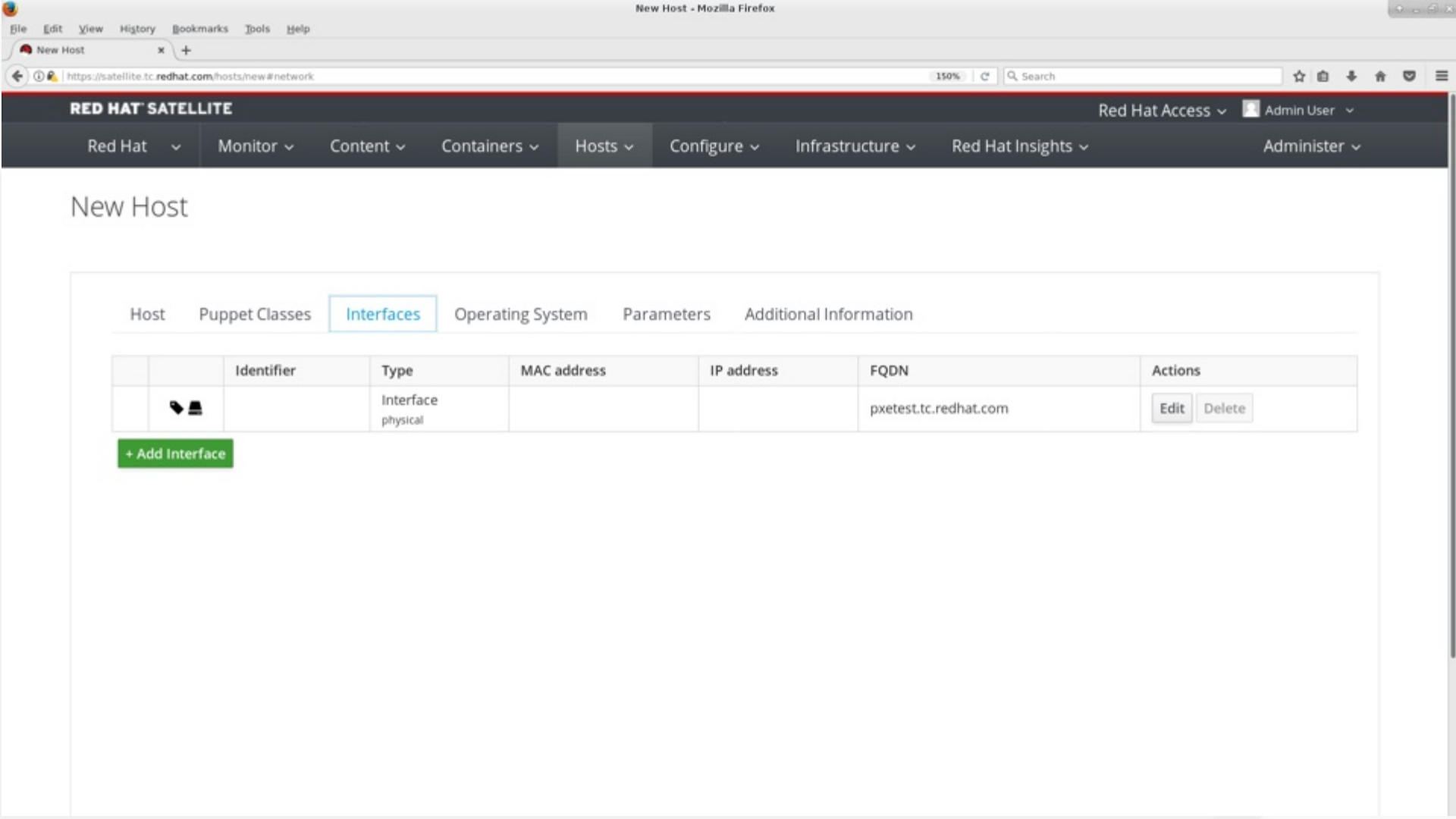
Failed

Failed restarts

Skipped

https://satellite.tc.redhat.com/hosts/new





RED HAT SATELLITE

Red Hat Access ▼ Admin User ▼

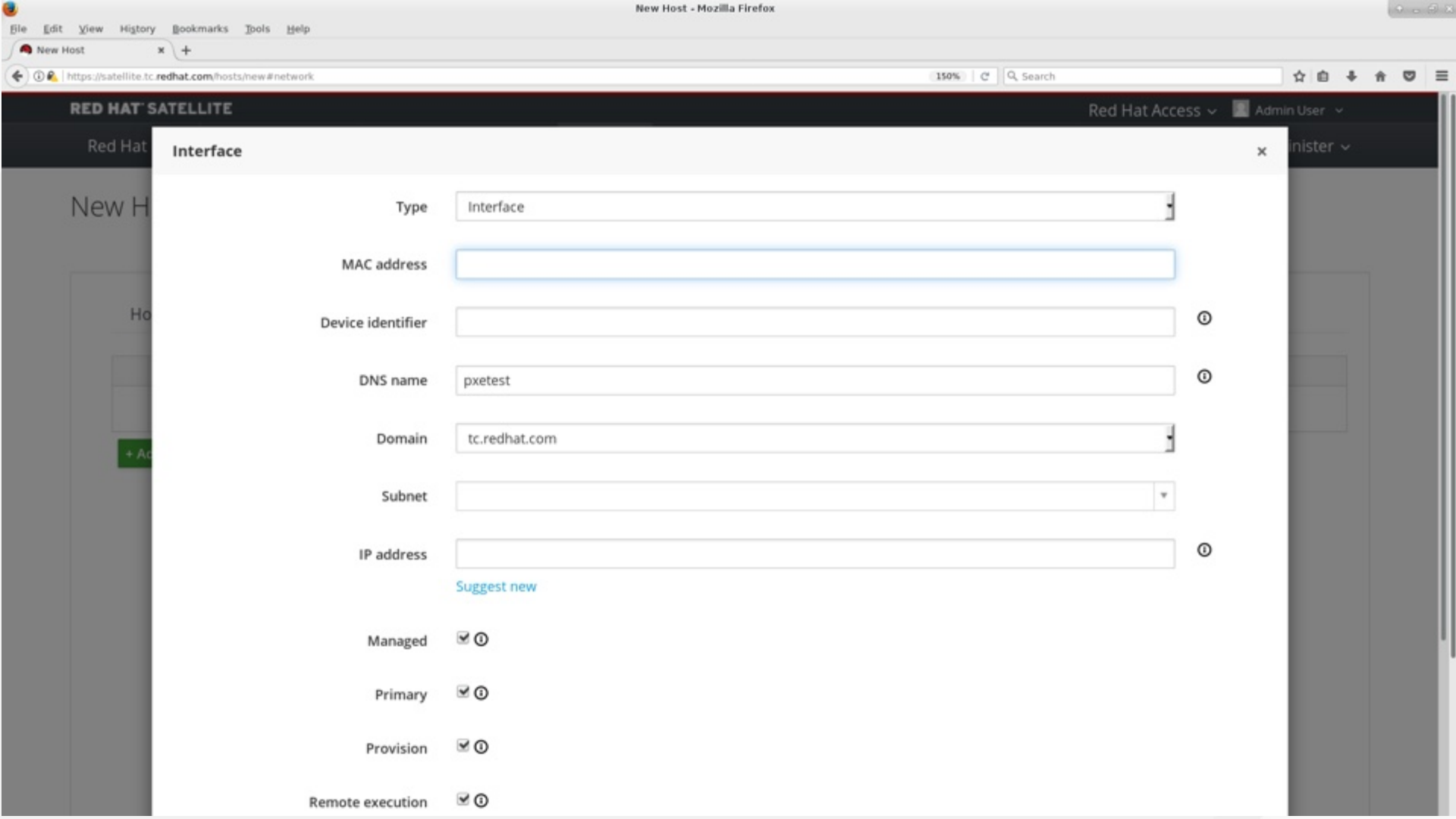
Red Hat ▼ Monitor ▼ Content ▼ Containers ▼ Hosts ▼ Configure ▼ Infrastructure ▼ Red Hat Insights ▼ Administer ▼

New Host

Host Puppet Classes **Interfaces** Operating System Parameters Additional Information

	Identifier	Type	MAC address	IP address	FQDN	Actions
		Interface physical			pxetest.tc.redhat.com	<button>Edit</button> <button>Delete</button>

+ Add Interface



RED HAT SATELLITE

Red Hat Access

Admin User

Red Hat

Interface

x

Administer

New Host

Host

+ Add

Type

Interface

MAC address

Device identifier

DNS name

pxetest

Domain

tc.redhat.com

Subnet

IP address

[Suggest new](#)

Managed



Primary



Provision



Remote execution



Interface

52:54:00:c7:e9:68

pxetest

tc.redhat.com

Austin Subnet (172.31.100.0/24) ✕ ▼

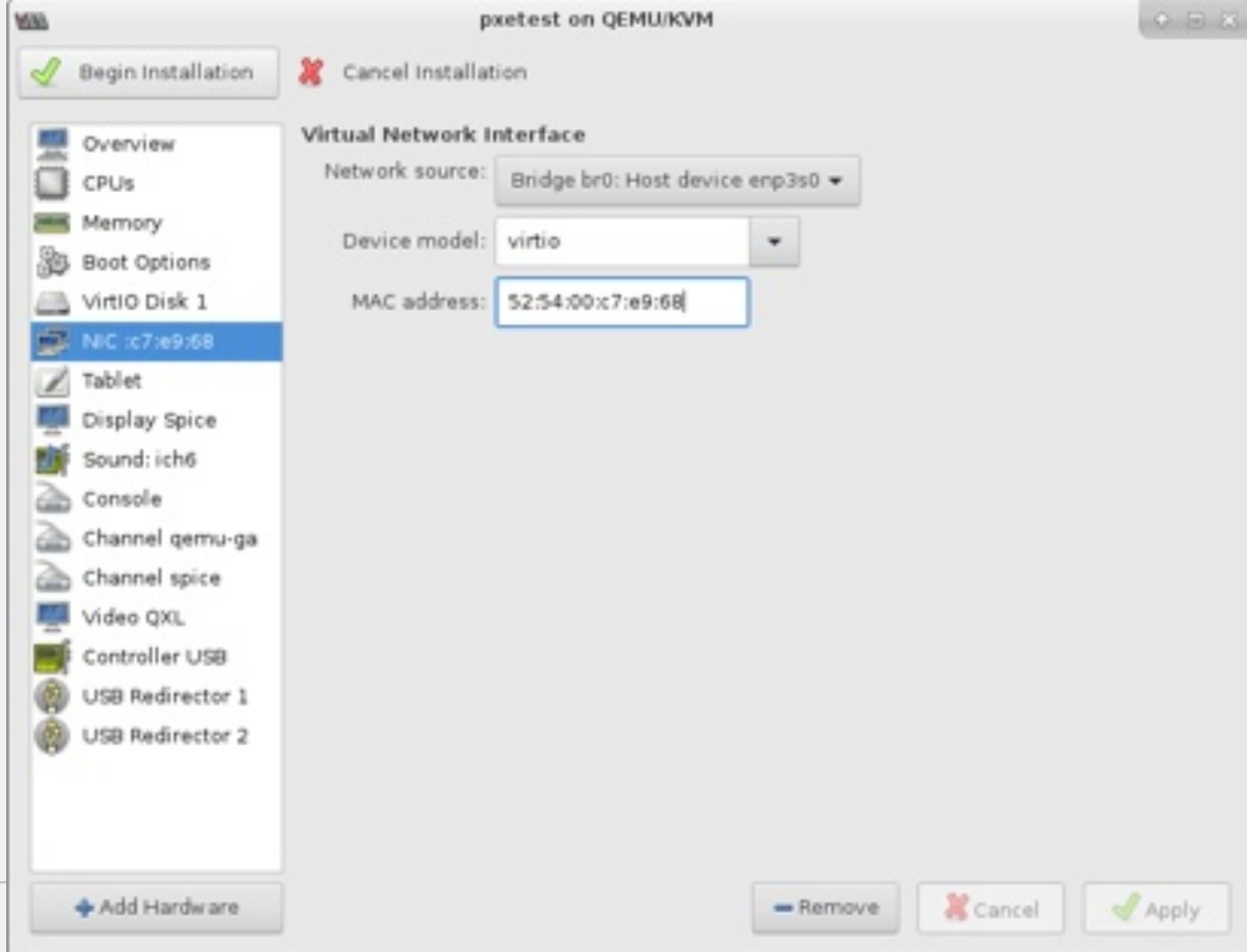
172.31.100.164

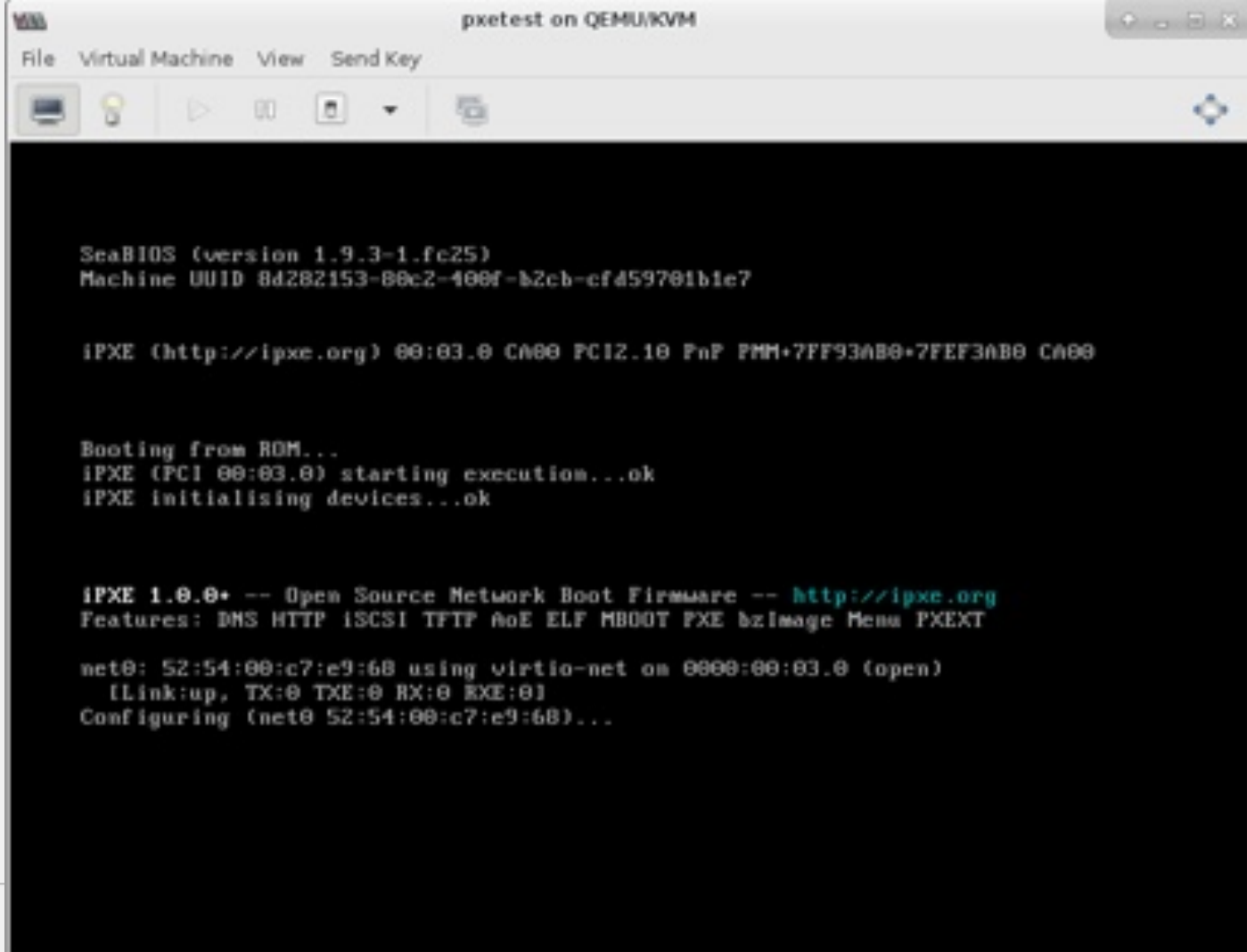
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☒ ☐

☒ ☒

Remote execution





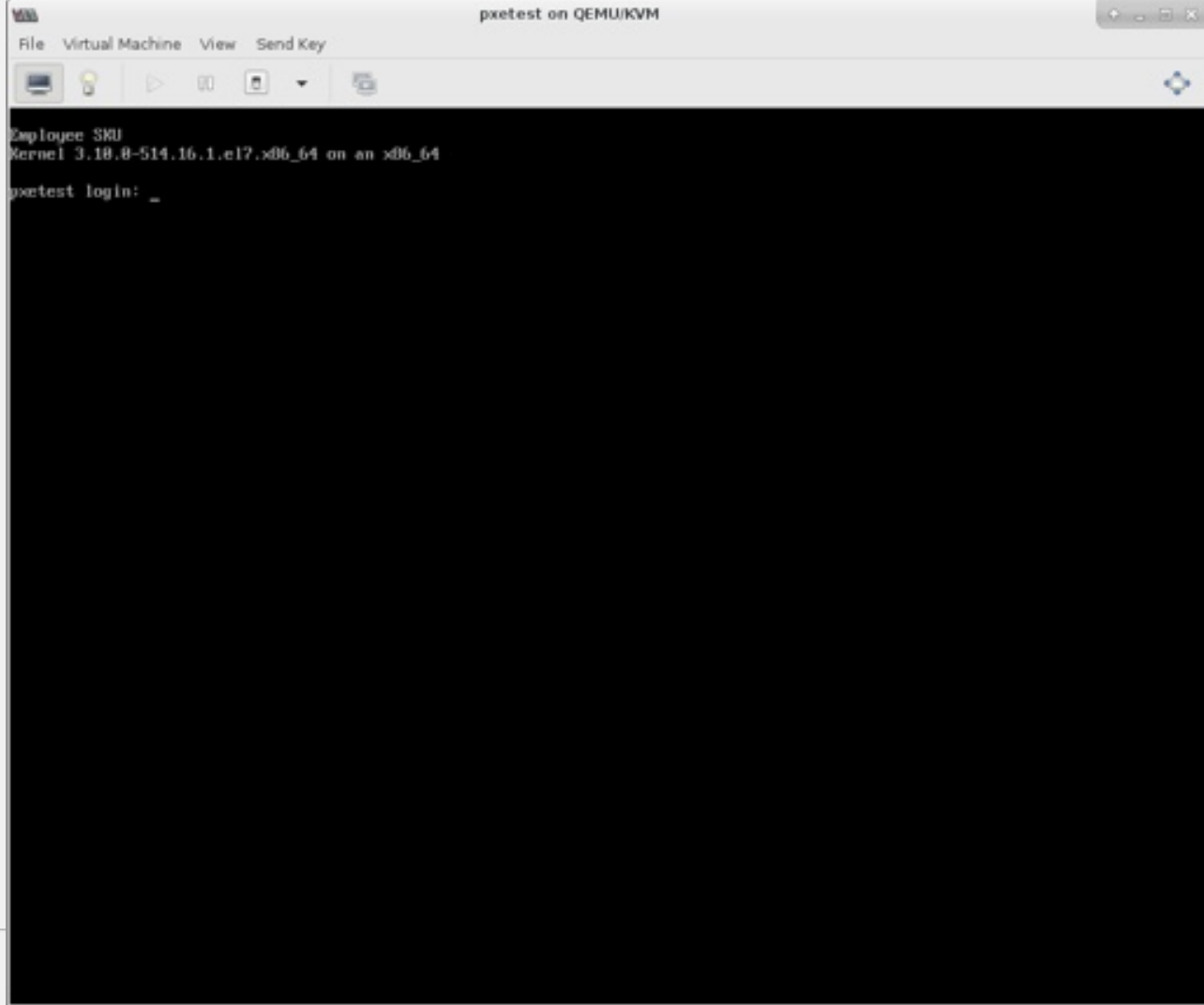
pxetest on QEMU/KVM

File Virtual Machine View Send Key

Features: DNS HTTP iSCSI TFTP AoE ELF MBOOT PXE bzImage Menu PXEXT

net0: 52:54:00:c7:e9:68 using virtio-net on 0000:00:03.0 (open)
[Linkup, TX:0 TXE:0 RX:0 RXE:0]
Configuring (net0 52:54:00:c7:e9:68)..... ok
net0: 172.31.100.164/255.255.255.0 gw 172.31.100.29
net0: fe80::5054:ff:fec7:e968/64
Next server: 172.31.100.19
Filename: pxelinux.0
tftp://172.31.100.19/pxelinux.0... ok
pxelinux.0 : 26826 bytes [PXE-MBP]

PXELINUX 4.05 0x5731e544 Copyright (C) 1994-2011 H. Peter Anvin et al
!PXE entry point found (we hope) at 9C4B len 0822
UNDI code segment at 9C4B len 0822
UNDI data segment at 9CCC len 2F10
Getting cached packet 01 02 03
My IP address seems to be AC1F64A4 172.31.100.164
ip=172.31.100.164;172.31.100.19;172.31.100.29;255.255.255.0
BOOTIF=01-52-54-00-c7-e9-68
SYSUUID=5321208d-c280-0f40-b2cb-cfd59701b1e7
TFTP prefix:
Trying to load: pxelinux.cfg/01-52-54-00-c7-e9-68 ok
Loading boot/RedHat-7.3-x86_64-vmlinuz.....
Loading boot/RedHat-7.3-x86_64-initrd.img.....



pxetest.tc.redhat.com

pxetest.tc.redhat.com

150%

Search

Admin User

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Hosts

Configure

Infrastructure

Red Hat Insights

Administer

pxetest.tc.redhat.com

Found 2 reports from the last 1 days

Run Job

Boot disk

Edit

Build

Run puppet

Delete

Details

Audits

Facts

Reports

YAML

Content

Properties

Metrics

Templates

NICs

Status	Warning
Build	Installed
Configuration	Active
Errata	Non-security errata applicable
Subscription	Fully entitled
Domain	tc.redhat.com
IP Address	172.31.100.164
MAC Address	52:54:00:c7:e9:68
Puppet Environment	KT_Red_Hat_Development_drupal7_server_CCV_6
Host Architecture	x86_64
Operating	

Runtime

last 7 days

Time in Seconds

4

3

2

1

0

23:03:20

23:03:25

23:03:30

23:03:35

23:03:40

23:03:45

23:03:50

23:03:55

Config Retrieval

Runtime

Resources

last 7 days

10

Applied

Failed

Failed restarts

Skipped

```
Terminal - root@pxetest:~
File Edit View Terminal Tabs Help
[tcameron@case Desktop]$ ssh root@pxetest.tc.redhat.com
Warning: Permanently added 'pxetest.tc.redhat.com,172.31.100.164' (ECDSA) to the
list of known hosts.
root@pxetest.tc.redhat.com's password:
X11 forwarding request failed on channel 0
Last login: Sat Apr 29 23:36:24 2017 from case.tc.redhat.com
This is a private system. Trespassers will be violated.[root@pxetest ~]#
```

```
Terminal - root@pxetest:~
File Edit View Terminal Tabs Help
[root@pxetest ~]# yum repolist
Loaded plugins: package_upload, product-id, search-disabled-repos, subscription-
: manager
repo id                                repo name                                status
!Red_Hat_Extra_Packages_for_Enterprise_Linux_7_EPEL_Repo EPEL Repo                               1
!rhel-7-server-optional-rpms/x86_64      Red Hat Enterpri                        8
!rhel-7-server-rpms/x86_64                Red Hat Enterpri 14,272
!rhel-7-server-satellite-tools-6.2-rpms/x86_64 Red Hat Satellit                        97
repolist: 14,378
[root@pxetest ~]#
```



```
Terminal - root@pxetest:~
File Edit View Terminal Tabs Help
[root@pxetest ~]# yum --disablerepo="*" --enablerepo=Red_Hat_Extra_Packages_for_Enterprise_Linux_7_EPEL_Repo list available
Loaded plugins: package_upload, product-id, search-disabled-repos, subscription-manager
Available Packages
drupal7.noarch 7.54-1.el7 Red_Hat_Extra_Packages_for_Enterprise_Linux_7_EPEL_Repo
[root@pxetest ~]#
```

```
Terminal - root@pxetest:~
File Edit View Terminal Tabs Help
[root@pxetest ~]# yum --disablerepo="*" --enablerepo=rhel-7-server-optional-rpms
list available
Loaded plugins: package_upload, product-id, search-disabled-repos, subscription-
               : manager
Available Packages
php-mbstring.x86_64          5.4.16-42.el7          rhel-7-server-optional-rpms
[root@pxetest ~]#
```

```
Terminal - root@pxetest:~
File Edit View Terminal Tabs Help

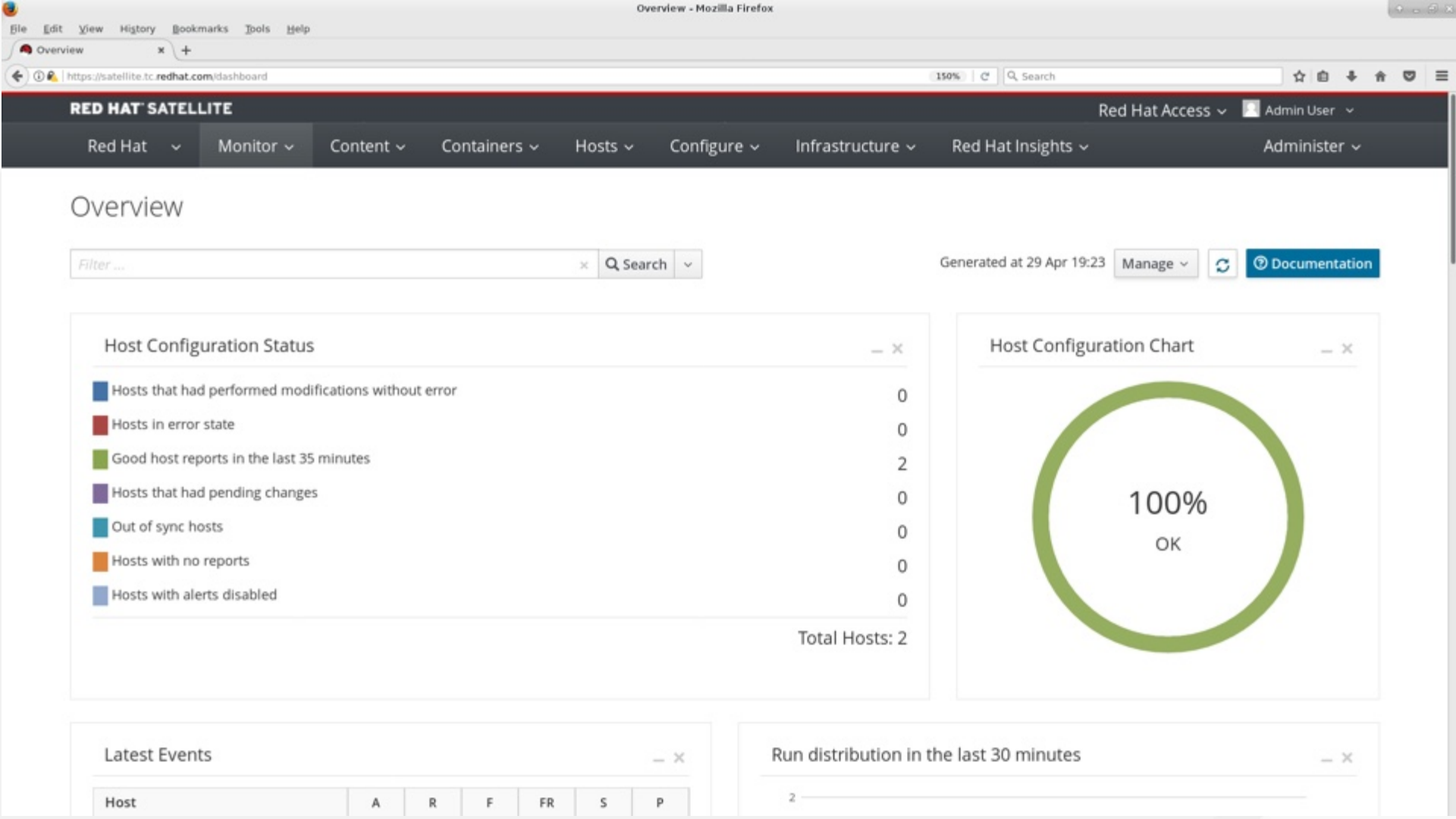
[root@pxetest ~]# yum install drupal7
Loaded plugins: package_upload, product-id, search-disabled-repos, subscription-
: manager
Red_Hat_Extra_Packages_for_Enterprise_Linux_7_EPEL_Repo | 2.1 kB      00:00
rhel-7-server-optional-rpms | 1.9 kB      00:00
rhel-7-server-rpms | 2.0 kB      00:00
rhel-7-server-satellite-tools-6.2-rpms | 2.1 kB      00:00
Resolving Dependencies
--> Running transaction check
--> Package drupal7.noarch 0:7.54-1.el7 will be installed
--> Processing Dependency: php-xml for package: drupal7-7.54-1.el7.noarch
--> Processing Dependency: php-pdo for package: drupal7-7.54-1.el7.noarch
--> Processing Dependency: php-mbstring for package: drupal7-7.54-1.el7.noarch
--> Processing Dependency: php-gd for package: drupal7-7.54-1.el7.noarch
--> Processing Dependency: php for package: drupal7-7.54-1.el7.noarch
--> Running transaction check
--> Package php.x86_64 0:5.4.16-42.el7 will be installed
--> Processing Dependency: php-common(x86-64) = 5.4.16-42.el7 for package: php-5.
.4.16-42.el7.x86_64
--> Processing Dependency: php-cli(x86-64) = 5.4.16-42.el7 for package: php-5.4.
16-42.el7.x86_64
--> Processing Dependency: httpd-mmn = 20120211x8664 for package: php-5.4.16-42.
el7.x86_64
--> Processing Dependency: httpd for package: php-5.4.16-42.el7.x86_64
```

```
Terminal - root@pxetest:~
File Edit View Terminal Tabs Help

libX11-common noarch 1.6.3-3.el7 rhel-7-server-rpms 162 k
libXau x86_64 1.0.8-2.1.el7 rhel-7-server-rpms 29 k
libXpm x86_64 3.5.11-3.el7 rhel-7-server-rpms 54 k
libjpeg-turbo x86_64 1.2.90-5.el7 rhel-7-server-rpms 134 k
libpng x86_64 2:1.5.13-7.el7_2 rhel-7-server-rpms 213 k
libxcb x86_64 1.11-4.el7 rhel-7-server-rpms 189 k
libzip x86_64 0.10.1-8.el7 rhel-7-server-rpms 49 k
mailcap noarch 2.1.41-2.el7 rhel-7-server-rpms 31 k
php x86_64 5.4.16-42.el7 rhel-7-server-rpms 1.4 M
php-cli x86_64 5.4.16-42.el7 rhel-7-server-rpms 2.7 M
php-common x86_64 5.4.16-42.el7 rhel-7-server-rpms 564 k
php-gd x86_64 5.4.16-42.el7 rhel-7-server-rpms 127 k
php-imagick x86_64 5.4.16-42.el7 rhel-7-server-optional-rpms 504 k
php-pdo x86_64 5.4.16-42.el7 rhel-7-server-rpms 98 k
php-xml x86_64 5.4.16-42.el7 rhel-7-server-rpms 125 k
t1lib x86_64 5.1.2-14.el7 rhel-7-server-rpms 166 k

Transaction Summary
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Install 1 Package (+21 Dependent packages)

Total download size: 11 M
Installed size: 41 M
Is this ok [y/d/N]:
```





THANK YOU



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The logo consists of a white speech bubble shape on a red background. Inside the bubble, the words "RED HAT" are in a smaller, red, sans-serif font, and "SUMMIT" is in a larger, bold, red, sans-serif font below it.

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